



# 2009 CATALOG

25 YEARS OF EXCELLENCE



Buying Motion Pro means that you appreciate quality, performance and value. Every Motion Pro product is designed with the best materials, built to withstand years of use, and field tested for performance and durability before we put our seal of approval on it. We stand behind our products 100% for quality and craftsmanship.

*Chris Carter*



Motion Pro has never followed, always leading the way in innovation and creativity. We take pride in being first to market with new exciting products. Don't be fooled by copies, go with the original. Our products are designed by dedicated enthusiasts with years of experience in racing and engineering, helping to make Motion Pro one of the most respected names in the business.

It is not just about the product, Motion Pro gives back to the sport we love. You'll find Motion Pro supporting everything from local events to national competitions. Motion Pro also stands behind "your rights to ride" as a proud member, sponsor and supporter to CORVA, COHVCO, Blue Ribbon Coalition, the MIC and the AMA. These values and passion for motorcycles have been passed on from our President Chris Carter, himself a gold medalist ISDE rider, to all of us here at Motion Pro. So when it's time to ride, look for genuine Motion Pro products to get you there and back. For more information visit us at MotionPro.com for all the latest product releases, technical information, easy to follow DIY instructions, background on the racers we support, and other interesting pieces. The Motion Pro web site features a powerful search engine to help you locate the parts and tools you need for your bike or ATV. You can also call us at (650) 594-9600. We offer the best customer service in the industry and we have staff on hand to answer your questions and provide you with quality customer service five days a week from 8 to 5 PST.



1984



1985



1986



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1989



1990



1991



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1995



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2004



2005



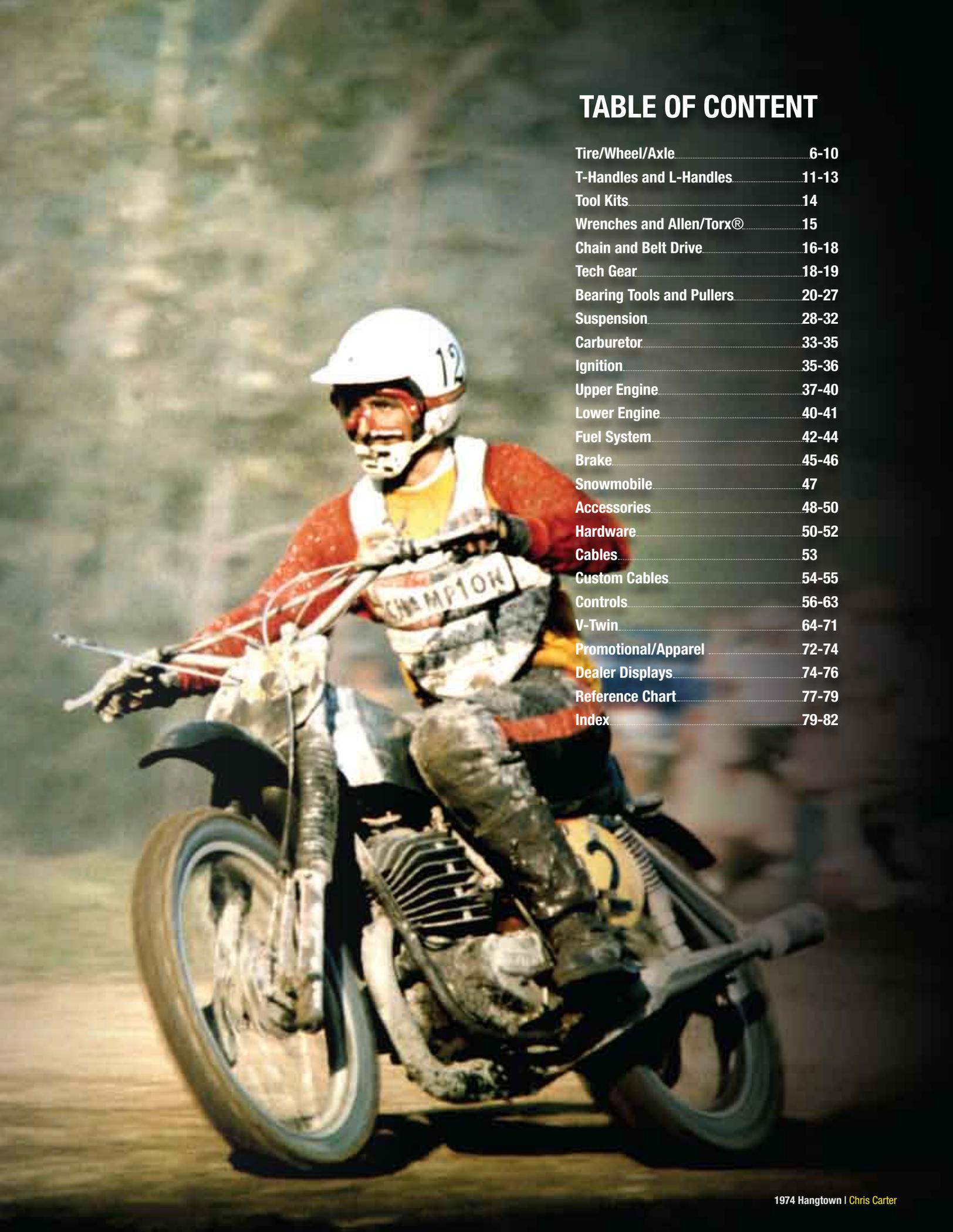
2006



2007



2008



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BRIAN J. NELSON

JAKE HOLDEN



JAMES RISPOLI



DOUG BEATTIE



SHAWN RUSSELL



MOTO CONCEPTS HONDA



PEGGY LLEWELLYN



KINNEY JONES

JIMMY JARRETT



DANNY CASEY



CHRIS CARR



KINNEY JONES

DOUG GUST



JAKE HOLDEN



RED BULL KTM



BRIAN J. NELSON

LARRY PEGRAM



JGR YAMAHA



JASON ANDERSON



CERNIC'S KAWASAKI



CHAD JOHNSON



BEN THOMPSON



KURT CASSELLI



JASON RAINES



DARRELL DURHAM



JAKE JOHNSON



KURT NICOLL



RALLY PAN-AM



RICK WELLS



MARIA FORSBERG



## DIGITAL

- Tire Wheel Axle
- T-Handle & L-Handle
- Tool Kits
- Wrenches & Allen
- Chain & Belt Drive
- Tech Gear
- Bearing Tools & Pullers
- Suspension
- Carburetor
- Ignition
- Upper Engine
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- Fuel System
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### NEW MOTION PRO DIGITAL TIRE PRESSURE GAUGE 0-60 PSI

- The best professional tire pressure gauge you will find anywhere
- Precise digital readout to 1/100th psi
- Accurate to +/- 0.5% of maximum gauge reading
- Programmable display allows choice of continuous pressure reading or retains max pressure reading until reset
- Min & Max pressure retained in memory
- 60 psi max
- Programmable scales (psi/bar/kpa/kg-cm2)
- Blue anodized billet aluminum body
- High flow push button bleeder valve for quick pressure adjustment
- 18" long high pressure hose with dual swivels and ball type air chuck
- Large easy to read display with back light for low light conditions
- Rubber anti-shock protective boot
- Battery powered (1000 hrs continuous use) with battery strength indicator
- "Auto Off" to extend battery life
- Battery included



08-0468 Motion Pro Digital Tire Pressure Gauge 0-60 psi

### PROFESSIONAL TIRE PRESSURE GAUGE

- This tire pressure gauge was designed initially for professional race teams and is now available to the race enthusiast
- High quality 2.5" liquid filled gauge with multicolored face (psi & kpa) with protective rubber boot
- Accurate to +/- 1.5% of maximum gauge reading
- Blue anodized 6061-T6 aluminum trapezoidal body with integrated push button bleeder valve for easy air pressure adjustments
- 18" premium hose with dual swivels and push-on ball chuck



0-30 psi gauge (shown)  
08-0258



- 08-0258 Pressure Gauge 2.5" 0-30 psi (MX & Off-Road)
- 08-0259 Pressure Gauge 2.5" 0-15 psi (ATV)
- 08-0402 Pressure Gauge 2.5" 0-60 psi (Street)
- 08-0432 Glycerin refill for pressure gauge

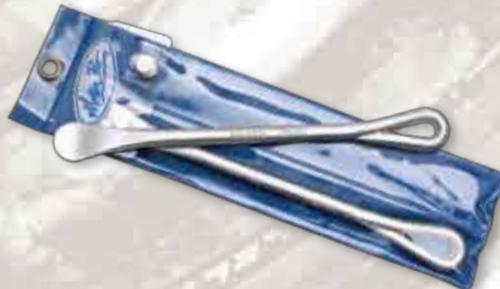


Pirelli | Tire Technician

### SPOON TIRE IRONS

- Curved end fits securely in the hand
- Hard nickel pewter finish
- 10" long and weighs 4.2 oz. (each)

- 08-0115 Spoon Tire Iron (single)
- 08-0409 Spoon Tire Iron (pair)



### ENDURO PRO TIRE IRON SET

- Hot-forged chrome-vanadium tool steel
- Designed for the professional I.S.D.E. rider as well as the Off-Road/Dual Sport enthusiast
- 8 1/2" long, 4 1/2 oz. with a slender curve
- Perfect for any tool pack (see Motion Pro tool pack on page 19)



08-0051 Enduro Pro Tire Iron Set





SEE TECH TIPS AT [MOTIONPRO.COM](http://MOTIONPRO.COM) FOR HELPFUL TIRE CHANGING ADVICE.

# TIRE WHEEL AXLE

Tire Wheel Axle
T-Handle & L-Handle
Tool Kits
Wrenches & Allen
Chain & Belt Drive
Tech Gear
Bearing Tools & Pullers
Suspension
Carburetor
Ignition
Upper Engine
Lower Engine
Fuel System
Brake
Snowmobile
Accessories
Hardware
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Custom Cables
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## T6™ COMBO LEVER

- Tire spoon/axle nut hex wrench
- Lightweight forged 7075-T6 aluminum
- Hard anodized finish
- Under 10 inches in length and weighs only 3.5 oz.
- Perfect for any tool pack (see Motion Pro tool pack on page 19)
- Sizes: 22mm, 24mm, 27mm, 32mm and 12/13mm for rim lock nuts (sold separately)
- Hex ends are rated for a maximum torque of 90 ft-lbs.
- Not recommended for use with Bib Mousse tubes or tire balls

- 08-0284 T6 Combo Lever™ - 12/13mm
- 08-0286 T6 Combo Lever™ - 22mm
- 08-0287 T6 Combo Lever™ - 24mm
- 08-0288 T6 Combo Lever™ - 27mm
- 08-0289 T6 Combo Lever™ - 32mm



12/13mm  
08-0284

08-0284 hex end shown. Designed to work with rim lock nuts, the unique hex end is stepped to give you a 12mm and 13mm hex wrench in one.



32mm  
08-0289

27mm  
08-0288

24mm  
08-0287

22mm  
08-0286



08-0284 tire spoon shown. Features the "no pinch lip." The "lip" is designed to push the tube into the tire to prevent tube pinching.

## 22MM 3/8" DRIVE SHORT SOCKET

- Super short (23mm high)
- 6 point chrome-vanadium socket
- Satin chrome finish
- Designed for use with the 3/8" drive adapters for the T6 Combo Lever™ Adapters 08-0326, 08-0327 and/or 08-0370 (on right)
- Perfect tool pack accessory (see Motion Pro tool pack on page 19)



### 08-0387 22mm 3/8" Drive Short Socket

#### Applications

Yamaha: YZ 125 98-04, YZ 250 98-04, YZ 250F 02-04, YZ 400F 98-99, YZ 426F 00-02, YZ 450F 04, WR 250 01-04, WR 400F 98-00, WR 426F 01-02, WR 450F 03-04

**Note:** Specifically designed to remove the front axle nut on the listed applications because the lower fork leg prevents the use of our 22mm T6 Combo Lever™ (08-0286)

## 3/8" DRIVE ADAPTERS FOR T6™ COMBO LEVER

- Allows your T6 Combo Lever™ to be used as a 3/8" driver
- 3/8" drive male and 1/4" drive female for use with sockets for smaller front axles
- Lightweight billet 7075-T6 aluminum with chrome-vanadium steel insert
- Lightening holes
- Coin knurled to facilitate turning sockets by hand
- 3/8" square drive is rated for a maximum torque of 90 ft-lbs.
- Perfect for any tool pack (see Motion Pro tool pack on page 19)



3/8" Drive

1/4" Drive

- 08-0326 24mm 3/8" Drive Adapter for T6 Combo Lever™
- 08-0327 27mm 3/8" Drive Adapter for T6 Combo Lever™
- 08-0370 32mm 3/8" Drive Adapter for T6 Combo Lever™

## ASSORTED TIRE IRON SET

- Assorted tire iron set includes one 8 1/2", 11" and 16" tire irons

### 08-0049 Assorted Tire Iron Set



8 1/2"  
08-0003

11"  
08-0005

16"  
08-0007

## STANDARD STEEL TIRE IRONS

- Cold forged steel
- 8 1/2" tire irons fits in tool bag or fanny pack
- Easy to use
- Set includes a vinyl storage pouch

- 08-0003 8 1/2" Tire Iron (single)
- 08-0004 Card of 10 (8 1/2" Tire Irons)
- 08-0005 11" Tire Iron (single)
- 08-0006 11" Tire Iron (pair)

## 16" STEEL TIRE IRON

- Ideal for shop or home use
- Cold forged steel
- Double-compound-curved tire tool
- Sold individually

### 08-0007 16" Steel Tire Iron



Duniop | Tire Technician



Pirelli | Tire Technician



**Tire Wheel Axle**

- T-Handle & L-Handle
- Tool Kits
- Wrenches & Allen
- Chain & Belt Drive
- Tech Gear
- Bearing Tools & Pullers
- Suspension
- Carburetor
- Ignition
- Upper Engine
- Lower Engine
- Fuel System
- Brake
- Snowmobile
- Accessories
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**OFF-ROAD BEAD BUDDY®**

- Used to push the tire bead down into the drop center of the rim on off-road wheels while using tire tools to change tires
- Hooks over spoke and pushes bead down on opposite side of tire from tire irons
- No more fighting to keep bead down while installing off-road tires
- A must for installing Bib Mousse tubes

**08-0187 Off-Road Bead Buddy®**

**SUPERMOTO BEAD BUDDY®**

- For use on 17 X 3 1/2" to 5" spoke wheel widths
- Used to push the tire bead down into the drop center of the rim on supermoto wheels while using tire tools to change tires
- Hooks over spoke and pushes bead down on opposite side of tire from tire levers
- No more fighting to keep the bead down while installing your tires

**08-0365 Supermoto Bead Buddy®**



**T6™ TRAIL BEAD BUDDY®**

- Assists in holding the tire bead down into the drop center of the rim while using tire tools to change tires
- 6000 series aluminum
- Lightweight and compact enough for any tool pack
- Nylon securing thumb screw keeps rims scar free
- Perfect for any tool pack (see Motion Pro tool pack on page 19)
- NOT recommended for users of Bib Mousse type off-road tubes

**08-0388 T6 Trail Bead Buddy®**



**BEAD POPPER™**

- Designed for breaking the bead on street and off-road motorcycle tires
- Great for the shop, track or on the road
- Compact and lightweight (only 3.7 oz) stores easily in your emergency tool pack or tool box
- Can be used with the wheel on or off the motorcycle
- Will not scratch the wheel
- Easier and more convenient than press or lever tools
- Durable, high-impact plastic
- Not for use on ATV tires
- Made in the U.S.A.

**08-0439 Bead Popper™**



**RIM PROTECTORS**

- Protects your wheel from scratches and dings caused by tire changing tools
- Retrieval cords are included for easy use

**08-0357 Rim Protector**



**SPOKE WRENCHES**

- Chrome-vanadium tool steel with a hard nickel pewter finish
- Square opening grips the spoke nipple on all four sides
- Offset slotted ends make it easy and quick to use

- 08-0133 6mm/ 6.3mm**
- 08-0157 6.5mm/6.8mm**
- 08-0296 5mm/7mm**



**ROTOR AND SPROCKET HOLDER**

- Keeps flywheels, rotors and sprockets from rotating during removal and installation
- Holds sprockets and rotors with holes center to center at a minimum distance of 13mm and a maximum distance of 230mm
- Features 5 and 9mm pins
- Adjustable stop-screw keeps tool open at a set distance

**08-0270 Rotor and Sprocket Holder**



**VALVE CORE REMOVER**

- Allows for easy removal and installation of standard valve cores in tubed or tubeless tires with valve stems (Schrader™ valve)
- Perfect tool pack accessory (see page 19)

**08-0183 Valve Core Remover**

## LEAD WHEEL WEIGHTS

- Adhesive backed lead wheel weights
- Adhesive holds weight securely on spoked or cast wheels
- Available in natural or black finish
- 1/4 oz. (7 g) segments
- 18 oz. card contains 6 strips with 12 segments per strip (72 total segments)
- 90 oz. box contains 30 strips with 12 segments per strip (360 total segments)
- Ideal size for motorcycle use

- 08-0456 Lead Wheel Weights - Black - 18 oz. Card **NEW COLOR**  
 08-0451 Lead Wheel Weights - Black - 90 oz. Box **NEW COLOR**  
 08-0046 Lead Wheel Weights - Natural - 18 oz. Card  
 08-0064 Lead Wheel Weights - Natural - 90 oz. Box



## NEW STEEL WHEEL WEIGHTS

- Adhesive backed steel wheel weights
- Adhesive holds weight securely on spoked or cast wheels
- Powder coated protective finish will not rust
- Available in black or silver
- 1/4 oz. (7 g) segments
- 18 oz. card contains 6 strips with 12 segments per strip (72 total segments)
- 90 oz. box contains 30 strips with 12 segments per strip (360 total segments)
- Ideal size for motorcycle use

- 08-0454 Steel Wheel Weights - Silver - 18 oz. Card  
 08-0452 Steel Wheel Weights - Silver - 90 oz. Box  
 08-0455 Steel Wheel Weights - Black - 18 oz. Card  
 08-0453 Steel Wheel Weights - Black - 90 oz. Box



## RIM LOCKS

- Heavy-duty die cast aluminum body
- Molded rubber flap to protect against abrasion of inner tube
- Ribbed alloy contact surface locks tire securely to rim
- Recommended for use on all off-road and MX machines and any application using low tire pressure

	Rim	Weight
11-0009	1.60/1.40	2.5 oz.
11-0010	1.85	3.0 oz.
11-0011	2.15	4.0 oz.
11-0017	2.50	4.5 oz.



## EXTENDED RIM LOCK NUTS

- Designed to replace the original lock nut on many motorcycle models
- Nut is made from 6061-T6 aluminum with 12mm hex head (8mm X 1.25)
- Extra length makes removal and installation quick and easy
- Include beveled washers to protect rims

- 11-0022 Extended Rim Lock Nuts (sold in pairs)



## WHEEL BEARING REMOVER SET

- Dependable split collet design
- Metric sizes to allow use with metric applications
- Replacement pieces are available and listed below

### 08-0269 8-Piece Metric Set

#### Replacement Parts:

08-0260	Large Driver Rod	08-0264	15mm Remover
08-0261	Small Driver Rod	08-0268	17mm Remover
08-0262	10mm Remover	08-0266	20mm Remover
08-0263	12mm Remover	08-0267	25mm Remover

## NEW WHEEL BEARING REMOVERS

- Dependable split collet design
- Hardened steel for strength and durability
- For use with metric applications
- 28mm fits rear wheel bearings on '02-'08 Suzuki: GSXR 600, 750, 1000 and many more
- 30mm fits front wheel bearings on '03-'08 KTM Off-Road (125cc and up) and many more

- 08-0458 28mm Wheel Bearing Remover  
 08-0459 30mm Wheel Bearing Remover



Tire Wheel Axle

T-Handle & L-Handle

Tool Kits

Wrenches & Allen

Chain & Belt Drive

Tech Gear

Bearing Tools & Pullers

Suspension

Carburetor

Ignition

Upper Engine

Lower Engine

Fuel System

Brake

Snowmobile

Accessories

Hardware

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# TIRE | WHEEL | AXLE

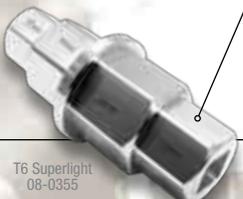
## Tire Wheel Axle

- T-Handle & L-Handle
- Tool Kits
- Wrenches & Allen
- Chain & Belt Drive
- Tech Gear
- Bearing Tools & Pullers
- Suspension



MotoXXX | Technician

## T6™



T6 Superlight  
08-0355

### T6™ SUPERLIGHT HEX AXLE TOOL

- Ideal for off-road tool pack or touring tool kit at only 2.5 oz.
- 7075-T6 aluminum construction is lightweight for portability
- 3/8" square drives are rated for a maximum of 90ft lbs.

**08-0355 T6 Superlight Hex Axle Tool**



Chrome-Moly  
08-0397

### CHROME-MOLY HEX AXLE TOOL

- Recommended for shop or home
- Heavy-duty heat treated 4130 chrome-moly construction
- 3/8" square drive drives are rated for a maximum of 150 ft-lbs.

**08-0397 Chrome-Moly Hex Axle Tool**

### Additional Features for Both Tools

- Fit internal hex on many late model sportbikes and some off-road applications
- Four metric hex sizes: 17, 19, 22 and 24mm
- 3/8" square drive on both ends

### Applications

- Buell:** XB9R, XB9S, XB12R, XB12S (03-04)
- Honda:** CBR600RR, CBR1000RR
- Kawasaki:** ZX6R, ZX6RR, ZX600E/K, ZX7R, ZX9R, Z1000
- Suzuki:** GSXR 00-04, GSXR1300R 99-07, DL 1000 V-Strom (all), SV1000
- Yamaha:** R1, R6



### ATV AXLE WRENCH SET

- Sold as a set
- 08-0155 is relieved for use on the innermost nut during the torque process (cut-out allows it to pass over the jam nut)
- Made from heat-treated steel
- Includes a 1/2" drive slot for use with a torque wrench or breaker bar

- 08-0237 41mm Honda ATV Axle Wrench Set**
- 08-0238 46mm Kawasaki / Suzuki ATV Axle Wrench Set**
- 08-0155 50mm Yamaha ATV Axle Wrench Set**

### SHOCK WRENCH FOR HONDA MX/ATC

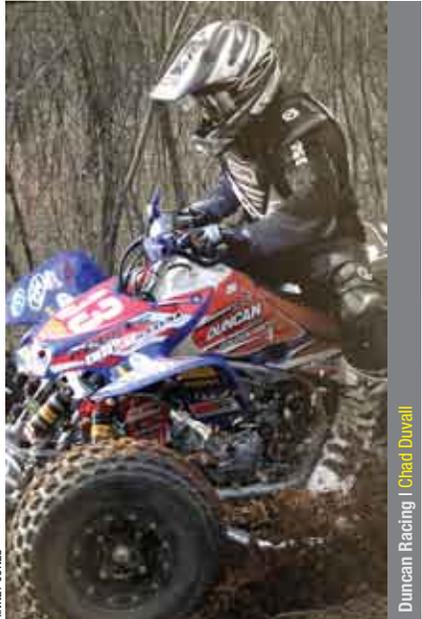
- Heat-treated alloy steel
- Fits Honda MX models and ATC 200/ 250R/ 350X
- Will fit 68 and 87mm spanner rings

**08-0029 Honda MX & ATC Shock Wrench**

### AXLE WRENCH FOR HONDA ATC

- Heat-treated steel
- 27mm hex on one end and a 42mm hex on the other
- Fits most Honda ATC models

**08-0028 Honda ATC Axle Wrench**



KINNEY JONES

Duncan Racing | Chad Duvall



Motion Pro® T-Handles are the 1st deep well, thin wall socket on the market. Great for professional and home mechanics alike. They feature a chrome-vanadium tool steel shaft and a carbon-steel handle. The deep 6-point metric and 12-point standard sockets allow nuts to be driven over long-threaded bolts. The hex sockets extend only part of the way inside, preventing the nut from being pushed too far into the socket. The outside diameter of the sockets are kept as slim as possible, allowing them to fit into tight areas. Motion Pro® offers a lifetime replacement warranty on all T-Handle Sockets. Complement your set of Motion Pro® T-Handles with our T-Handle Rack and Wall Bracket. This rack has 11 slots to hold a selection of your favorite T-Handles (sold separately).

Metric Set of 7  
08-0113

## METRIC AND STANDARD T-HANDLES

- Metric T-Handles feature a durable nickel pewter finish (6-point deep sockets)
- Standard T-Handles feature a polished chrome finish (12-point sockets)
- Sets include a vinyl storage pouch
- **Lifetime replacement warranty**

### Metric

08-0093	8mm
08-0094	10mm
08-0095	12mm
08-0096	13mm
08-0097	14mm
08-0098	17mm
08-0099	19mm
08-0113	Set of 7

### Standard

08-0307	5/16"
08-0308	3/8"
08-0309	7/16"
08-0310	1/2"
08-0311	9/16"
08-0312	5/8"
08-0313	11/16"
08-0314	3/4"
08-0315	Set of 8

SAE Set of 8  
08-0315

## RACER T-HANDLE SET

- Set includes the most popular size T-Handles
- 8mm, 10mm, 12mm, and 14mm
- #2 and #3 Phillips screwdrivers
- Durable nickel pewter finish
- Set includes a vinyl storage pouch
- **Lifetime replacement warranty on T-Handle sockets**
- One year warranty on the T-Handle screwdrivers

08-0145 Racer T-Handle Set

## MINI PRO T-HANDLES

- Compact size for easy access and easy transport
- 6 3/4" shaft length
- Chrome-vanadium tool steel shafts
- Durable nickel pewter finish
- Set includes a vinyl storage pouch
- **Lifetime replacement warranty**

08-0401	6mm
08-0128	8mm
08-0129	10mm
08-0130	12mm
08-0317	13mm
08-0338	14mm
08-0131	Set of 3 (includes 8mm, 10mm, 12mm)
08-0320	Set of 3 (includes 8mm, 10mm, 13mm)
08-0340	Set of 5 Racer Mini-Pro T-Handles (8mm, 10mm, 12mm, 13mm, 14mm)

Set of 3  
08-0320

Set of 5  
08-0340

Set of 3  
08-0131



HMC Red Bull KTM | Technician

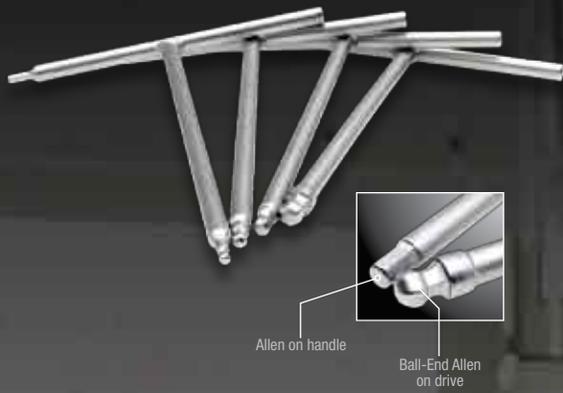


Red Bull KTM WORCS | Technician

- Tire Wheel Axle
- T-Handle & L-Handle**
- Tool Kits
- Wrenches & Allen
- Chain & Belt Drive
- Tech Gear
- Bearing Tools & Pullers
- Suspension
- Carburetor
- Ignition
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# T-HANDLES & L-HANDLES

- Tire Wheel Axle
- T-Handles & L-Handles**
- Tool Kits
- Wrenches & Allen
- Chain & Belt Drive
- Tech Gear
- Bearing Tools & Pullers
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Allen on handle  
Ball-End Allen on drive

## BALL-END ALLEN T-HANDLES

- Ball-end allows for better access to hard to reach Allen-head bolts (up to 25-degree working angle)
- Use T-Handle Allen to tighten/loosen fasteners and ball-end Allen on shaft for quick installation/removal of fasteners
- Compact 6 3/4" shaft lengths for tight spaces and easy transport
- Chrome-vanadium tool steel shaft and T-Handle
- Durable nickel pewter finish
- **Lifetime replacement warranty**

08-0374	4mm
08-0375	5mm
08-0376	6mm
08-0377	8mm
08-0383	Set of 4 (4, 5, 6mm, 8mm)

## NEW SAE SET AND SIZES (see page 66)

08-0443	5/32"
08-0444	3/16"
08-0445	1/4"
08-0446	5/16"
08-0447	3/8"
08-0448	Set of 5 (5/32", 3/16", 1/4", 5/16", 3/8")



## TRI DRIVE MINI T-HANDLE KIT

- Use T-Handle drive to tighten/loosen fasteners and shaft drive for quick installation/removal of fasteners
- 1/4" drive has a compact 6" drive shaft length
- Compact size for use in tight spaces and is easy to carry
- Includes 8mm, 10mm, 12mm and 13mm sockets
- Use with 1/4" drive sockets, Allen drive bits, crow's foot, swivels, etc.
- Chrome-vanadium tool steel shaft and T-Handle
- Durable nickel pewter finish
- Perfect for any tool pack (see Motion Pro tool pack on page 19)
- **Lifetime replacement warranty**

08-0389 Tri Drive Mini T-Handle Kit

## DUAL DRIVE MINI T-HANDLES

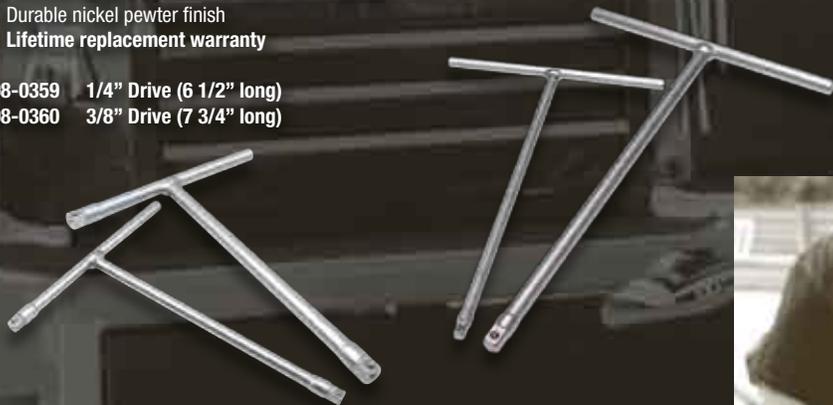
- Use T-Handle drive to tighten/loosen fasteners and shaft drive for quick installation/removal of fasteners
- 1/4" drive has a compact 6 1/2" drive shaft length
- 3/8" drive has a compact 7 3/4" drive shaft length
- For tight access and easy transport
- Use with 1/4" or 3/8" drive sockets, hex drives, crow's foot, swivels, etc.
- Chrome-vanadium tool steel shaft and T-Handle
- Durable nickel pewter finish
- **Lifetime replacement warranty**

08-0359	1/4" Drive (6 1/2" long)
08-0360	3/8" Drive (7 3/4" long)

## T-HANDLE DRIVERS

- Use any 1/4" or 3/8" drive attachments such as sockets, Allen drive bits, crow's foot or swivels
- Chrome-vanadium tool steel shafts
- Durable nickel pewter finish
- **Lifetime replacement warranty**

08-0158	1/4" Drive (8 1/2" long)
08-0159	3/8" Drive (10 1/2" long)



## T-HANDLE RATCHETS

- Chrome-vanadium tool steel
- Compact design allows for use in tight spaces
- Reversible ratchet
- Comfortable grip
- Patented design
- Perfect for any tool pack (see Motion Pro tool pack on page 19)
- **Lifetime replacement warranty**

08-0231	1/4" Drive T-Handle Ratchet
08-0226	3/8" Drive T-Handle Ratchet

## DUAL DRIVE L-HANDLES

- Impact resistant ergonomic molded handle reduces hand fatigue
- Use drive side to tighten/loosen fasteners and shaft side for quick installation/removal of fasteners
- Mini's are a compact 7 1/2" shaft length for tight access and easy transport
- Use with 1/4" or 3/8" drive sockets, Allen drive bits, crow's foot, swivels, etc.
- One piece chrome-vanadium tool steel shafts
- Durable nickel pewter finish
- **Lifetime replacement warranty**

08-0361	3/8" L-Handle (10" long)	08-0362	3/8" Mini L-Handle (7 1/2" long)
08-0363	1/4" L-Handle (10" long)	08-0364	1/4" Mini L-Handle (7 1/2" long)



BROWN NELSON

## T-HANDLE PHILLIPS SCREWDRIVERS

- Chrome-vanadium tool steel shafts
- Carbon-steel T-Handle
- Durable hard nickel pewter finish
- Standard one year warranty

- 08-0146 Set of 3 (#1, #2 & #3 Phillips)  
 08-0101 #1 Phillips  
 08-0102 #2 Phillips  
 08-0103 #3 Phillips



## 6MM 1/4" DRIVE 6 POINT SOCKET

- Developed specifically for KTM models and OEM hose clamps
- Chrome-vanadium tool steel
- Satin chrome finish
- Perfect for any tool pack (see Motion Pro tool pack on page 19)



## 08-0408 6mm 1/4" Drive 6 Point Socket

### Great accessory for:

- 08-0389 Tri Drive Mini T-Handle (page 12)  
 08-0297 Folding Trail T-Handle Set (page 14)  
 08-0161 Metric Multi Purpose Tool (page 14)

## 1/4" DRIVE 12 POINT 5/16" DEEP SOCKET

- Developed specifically to work with all 5/16" bits (see below)
- The perfect accessory for Folding Trail T-Handle Set (See 08-0297 pg.14)
- Use with any of our 1/4" drivers (i.e. 08-0158/0359/0363/0364/0231/0297)



## 08-0384 1/4" Drive 12 Point 5/16" Deep Socket

## BITS FOR 5/16" T-HANDLE

- Durable nickel pewter finish
- Rubber O-ring keep bits securely in place
- Perfect for any tool pack (see Motion Pro tool pack on page 19)

**NEW**  
 08-0416  
 1/4" Drive x 8mm  
 Adapter



- |                                   |   |
|-----------------------------------|---|
| 08-0162 #2 & #3 Phillips          | 08-0178 1/4" Allen & T40 Torx® Drive  |
| 08-0180 Slot & Phillips Drive     | 08-0179 T25 & T27 Torx® Drive   |
| 08-0164 Straight-Slot Bit         | 08-0416 1/4" Drive x 8mm Adapter  |
| 08-0382 3mm & 4mm Allen Bit       | 08-0345 Set of 7 (08-0176, 08-0177, 08-0178, 08-0179, 08-0162, 08-0163 & 08-0164) |
| 08-0163 5mm & 6mm Allen Bit       | 08-0344 Set of 5 (08-0176, 08-0177, 08-0178, 08-0179 & 08-0180)                   |
| 08-0176 1/8" & 3/16" Allen Drive  | 08-0343 Set of 3 (08-0162, 08-0163 & 08-0164)                                     |
| 08-0177 7/32" & 9/64" Allen Drive | 08-0342 Set of 2 (08-0162 & 08-0164)  |

## WALL BRACKET FOR 08-0114 T-HANDLE RACK

- For mounting our 08-0114 T-Handle rack to the side of a toolbox, wall, post or any other flat surface
- Features a quick release pin for removing and attaching the T-Handle rack
- Includes built in bottle opener
- Made from heavy-duty 12 gauge zinc plated steel
- Wall Bracket works only with our new one piece design style T-Handle rack

## 08-0435 Wall Bracket



## 11-SLOT T-HANDLE RACK

- New one piece design and chrome finish
- Easily hangs on the side of most tool boxes
- Keeps T-Handles ready for action

## 08-0114 11-Slot T-Handle Rack



T-Handles  
 sold separately.



- Tire Wheel Axle
- T-Handle & L-Handles
- Tool Kits
- Wrenches & Allen
- Chain & Belt Drive
- Tech Gear
- Bearing Tools & Pullers
- Suspension
- Carburetor
- Ignition
- Upper Engine
- Lower Engine
- Fuel System
- Brake
- Snowmobile
- Accessories
- Hardware
- Cables
- Custom Cables
- Controls
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- Tire Wheel Axle
- T-Handle & L-Handle
- Tool Kits**
- Wrenches & Allen
- Chain & Belt Drive
- Tech Gear
- Bearing Tools & Pullers
- Suspension
- Carburetor
- Ignition
- Upper Engine
- Lower Engine
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## METRIC MULTI-PURPOSE TOOL

- A must-have for on-the-trail repairs or adjustments
- Can be used to remove 8, 10, 12 & 14mm bolts, #2 & #3 Phillips screws, small & medium straight-slot screws and 5 & 6mm hex bolts
- Includes a 1/4" & 3/8" socket driver
- 10mm & 12mm 1/4" drive sockets included
- Enhance it by adding your own 1/4" or 3/8" drive socket attachments
- Includes convenient carrying case
- Hard nickel pewter finish
- Perfect for any tool pack (see Motion Pro tool pack on page 19)
- Replacement bits available separately

### 08-0161 Metric Multi-Purpose Tool

#### Accessories:

- 08-0180 Straight-Slot and #2 Phillips Driver
- 08-0382 3mm & 4mm Allen Bit
- 08-0408 6mm 1/4" Drive 6 Point Socket

#### Replacement Parts:

- 08-0162 Replacement #2 & #3 Phillips bit
- 08-0163 Replacement 5 & 6mm Hex bit
- 08-0164 Replacement Straight-Slot bit

## AMERICAN MULTI-PURPOSE TOOL

- Designed for roadside adjustments or service on motorcycles with SAE hardware
- Kit includes straight-slot, # 2 Phillips, Hex (1/8", 3/16", 7/32", 9/64", & 1/4"), and Torx® bits (T25, T27, & T40)
- Can be used to remove 5/16", 7/16", 1/2 and 9/16" nuts/bolts
- 7/16" and 1/2" drive sockets are also included
- Comes complete with a convenient durable nylon carrying case with belt loop

### 08-0173 American Multi-Purpose Tool

#### Accessories:

- 08-0162 #2 & #3 Phillips bit
- 08-0164 Replacement Straight-Slot bit

#### Replacement Parts:

- 08-0176 Replacement 1/8" and 3/16" Hex Driver
- 08-0177 Replacement 7/32" and 9/64" Hex Driver
- 08-0178 Replacement 1/4" and T40 Torx® Driver
- 08-0179 Replacement T25 and T27 Torx® Driver
- 08-0180 Replacement Straight-Slot and #2 Phillips Driver



Yamaha Off-Road Racing | Jason Raines



## FOLDING TRAIL T-HANDLE SET

- Compact 1/4" drive folding T-Handle is perfect for all tool packs
- This unique T-handle set includes 8,10,12 and 13mm six-point sockets
- Includes a nylon carrying case with internal pockets to hold your folding T-Handle, sockets and additional accessories
- Customize your T-Handle set with your own 1/4" drive accessories
- Features a durable hard nickel pewter finish
- Perfect for any tool pack (see Motion Pro tool pack on page 19)
- Standard one year warranty

### 08-0297 Folding Trail T-Handle Set

#### Accessories:

- 08-0408 6mm 1/4" Drive 6 Point Socket
- 08-0384 5/16" Deep Socket (see 5/16" Accessory Bits page 13)



## NEW Ti ProLight™ TITANIUM WRENCHES

Less than 1/4 the weight of a standard steel wrench!

- Made of tool quality titanium alloy
- Titanium alloy will never rust or corrode
- Patent pending design to optimize strength and performance
- Laser etched markings for easy identification
- Ergonomic handle
- Designed by Motion Pro
- Recommended for trail and road tool pack use (see Motion Pro tool pack on page 19)
- Not recommended for everyday shop use
- Set of 4 includes heavy-duty nylon tool wrap

08-0461	8mm
08-0462	10mm
08-0463	12mm
08-0464	13mm
08-0465	14mm
08-0466	Set of 4 (8,10,12,14mm)



## BALL-END ALLEN T-HANDLES

- Ball-end allows for better access to hard to reach Allen-head bolts (up to 25-degree working angle)
- Use T-Handle Allen to tighten/loosen fasteners and ball-end Allen on shaft for quick installation/removal of fasteners
- Compact 6 3/4" shaft lengths for tight spaces and easy transport
- Chrome-vanadium tool steel shaft and T-Handle
- Durable nickel pewter finish
- Lifetime replacement warranty

08-0374	4mm
08-0375	5mm
08-0376	6mm
08-0377	8mm
08-0383	Set of 4 (4, 5, 6 & 8mm)

## NEW SAE SET AND SIZES (see page 66)

08-0443	5/32"
08-0444	3/16"
08-0445	1/4"
08-0446	5/16"
08-0447	3/8"
08-0448	Set of 5 (5/32", 3/16", 1/4", 5/16", 3/8")



## BALL-END ALLEN SET

- Made of chrome-vanadium tool steel
- Sizes included 1.5mm, 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm, 8mm & 10mm
- Ball end allows for better access to Allen head bolts (up to 25-degree working angle)
- Convenient holder included

08-0185 Ball-End Allen Set



## HEX-PRO™ AND STAR-PRO™ PIVOT HEAD WRENCHES

- 180° swivel head with extra long handle for accessing hard to reach places
- Pivot design allows for easy rotation around obstructions
- Pivot design allows you to keep the wrench and fastener engaged when access is limited
- Great time saver
- Heat treated alloy tool steel
- Chrome plated finish
- Includes heavy duty folding canvas storage pouch
- Takes up less storage space than a typical hex key set

08-0420	Hex-Pro™ Metric Pivot Head Hex Wrench Set (3mm, 4mm, 5mm, 6mm, 8mm, 10mm)
08-0419	Hex-Pro™ SAE Pivot Head Hex Wrench Set (3/16", 7/32", 1/4", 5/16", 3/8")
08-0421	Star-Pro™ Pivot Head Torx® Wrench Set (T-25, T-27, T-30, T-40, T-45, T-50)



- Tire Wheel Axle
- T-Handle & L-Handle
- Tool Kits
- Wrenches & Allen**
- Chain & Belt Drive
- Tech Gear
- Bearing Tools & Pullers
- Suspension
- Carburetor
- Ignition
- Upper Engine
- Lower Engine
- Fuel System
- Brake
- Snowmobile
- Accessories
- Hardware
- Cables
- Custom Cables
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## PRESS-FIT CHAIN TOOL LINKS

Since about 1990, most new chains use press-fit type side plates on the connecting links. On this type of link, the side plate cannot be installed properly without the aid of a special tool. The chain manufacturers have determined the press fit adds strength to the connecting link and should always be used. The Motion Pro® chain press tools below are designed to install the press-fit connecting links on #520-#530 standard and O-ring chains.

- Tire Wheel Axle
- T-Handle & L-Handle
- Tool Kits
- Wrenches & Allen
- Chain & Belt Drive**
- Tech Gear
- Bearing Tools & Pullers
- Suspension
- Carburetor
- Ignition
- Upper Engine
- Lower Engine
- Fuel System
- Brake
- Snowmobile
- Accessories
- Hardware
- Cables
- Custom Cables
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**WEIGHS ONLY 6 oz!**



Handle with internal Hex feature

**NOW INCLUDED**  
1/4" Drive x 8mm Adapter

Silver colored plates press links off



Blue colored plates press links on



Zippered closed pouch is approximately 5"(L) X 5 1/2" (W) X 1"(H)

### T6™ SUPERLIGHT CHAIN TOOL

- For breaking 520 to 530 chain
- For pressing on and off 520 and some 525 master link side plates
- For clip type master links with press fit side plates
- Light weight, 6 oz. including press plates and handle (8 oz. with pouch)
- Will push link pin completely through link/side plate
- Handle detaches for easy storage. To reduce the weight even more an MP Tool (08-0161 see page 14), 8mm combination wrench or 8mm socket with extension can be used as the handle
- Converts into a functional 1/4" driver
- Custom pouch holds tool securely and includes pocket for extra chain/master links and a large accessory pocket
- Body forged from high-strength 4130 chrome-moly
- Body bolt and extractor bolt manufactured from billet high-strength 7075-T6 Aluminum
- Replaceable pin is heat treated for strength and wear resistance
- Press plates manufactured from light weight 6061-T6 aluminum
- This tool does not rivet chains & master links
- Perfect for any tool pack (see Motion Pro tool pack on page 19)
- New handle accommodates the use of our 5/16" bits (see page 13)
- **DOES NOT RIVET CHAIN**

#### 08-0358 T6™ Chain Tool

##### Replacement Parts:

- 08-0002 Pin
- 08-0416 1/4" Drive x 8 mm Adaptor
- C08-001D Replacement Spring
- C08-358B Extractor Bolt
- C08-358C Body Bolt
- C08-358D Press Plate, "off" (silver u-shape)
- C08-358E Press Plate, "on" (blue with groove)
- C08-358F Press Plate, "off" (silver flat)
- C08-358G Press Plate, "on" (blue with holes)
- C08-358H Handle with 8mm Hex
- C08-358I Pouch



T6 Chain tool can be converted into a functional 1/4" driver or use to hold drive bit (see page 13) (socket not included)



## NEW

### CHAIN BREAKER, PRESS AND RIVETING TOOL KIT

- Complete chain tool for most 520, 525 and 530 standard and O-ring chains
- Break, press, and rivet your chain with one compact tool
- Will rivet hollow nose master links (will not rivet solid soft-nose pins)
- Will push pin completely through link/side plate
- Hardened body, riveting tip and breaker pin for strength and durability
- Removable handle for compact storage
- Perfect for your trail/road tool pack if you have a chain with a rivet master link

#### 08-0467 Chain Breaker, Press and Riveting Tool

##### Replacement Parts:

- |                         |                      |
|-------------------------|----------------------|
| C08-058B Alignment Bolt | 08-0061 4mm Pin      |
| C08-058C Extractor Bolt | 08-0062 Rivet Tip    |
| C08-058D Large Anvil    | 08-0067 Press Plates |
| C08-058E Handle         |                      |
| C08-001D Spring         |                      |



### CHAIN BREAKER AND RIVETING TOOL

- Versatile enough to be used on cam chains or drive chains
- Will break chains from #35 to #630
- For chain #520 and up, it is recommended to grind the rivet head
- Each kit includes 3 pin sizes to fit most chains (2mm, 3mm, 4mm)
- Investment-cast, hardened body and redesigned body bolt
- Recommended for light to medium-duty use
- Kit includes press plates

#### 08-0058 Chain Breaker & Riveting Tool

##### Replacement Parts:

- |                         |                      |
|-------------------------|----------------------|
| C08-058B Alignment Bolt | 08-0060 3mm Pin      |
| C08-058C Extractor Bolt | 08-0061 4mm Pin      |
| C08-058D Large Anvil    | 08-0062 Rivet Tip    |
| C08-001D Spring         | 08-0067 Press Plates |
| 08-0059 2mm Pin         |                      |



## JUMBO CHAIN TOOL

- Designed to break roller chain up to #630 (Fits all standard & O-ring chain sizes #520 to #630)
- Designed to rivet chain up to #530 (not #630)
- Master link side plate press kit included to press on side plates on chains up to #530 (not #630)
- Screws and attachments are heat treated for strength and durability
- The extractor pin is precisely guided by a removable guide, ensuring long pin life
- May be bolted to a work bench, supported in a vise or held by handle
- When bolted to a solid surface, air or electric wrenches may be used to break chain
- Recommended for heavy-duty use
- Great for use with the 08-0142 Quad Stake Rivet Kit (below)

08-0135 Jumbo Chain Tool

### Replacement Parts:

- 08-0D35 Pin
- C08-001D Spring



Tire  
Wheel  
Axle

T-Handle &  
L-Handle

Tool Kits

Wrenches  
& Allen

Chain &  
Belt Drive

Tech Gear

Bearing Tools  
& Pullers

Suspension

Carburetor

Ignition

Upper  
Engine

Lower  
Engine

Fuel System

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Snowmobile

Accessories

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## CHAIN BREAKER

- For #420 to #530 chain
- Will push link pin completely through link/side plate
- Handle folds away for easy storage
- Replaceable pin is heat treated for strength and wear resistance
- Will not work on EK 330 MVO/MVX Chain

08-0001 Chain Breaker

### Replacement Parts:

- 08-0002 Pin
- C08-001D Spring
- C08-001X Extractor Bolt for 08-0001
- C08-001Y Body Bolt for 08-0001



## QUAD STAKE RIVET TOOL

- The perfect complement to the 08-0135
- Retain that factory quad stake look
- Safely and properly peens soft-nose-type master link pin tip
- Not for use with hollow nose type master links

08-0142 Quad Stake Rivet Tool Kit



## CHAIN PRESS TOOL KIT

- Fits #520-#530 standard and O-ring chains
- **DOES NOT RIVET CHAIN**  
(see riveting conversion kit below)

08-0066 Chain Press Tool Kit

### Replacement Parts:

- C08-058B Alignment Bolt
- C08-058E Handle
- 08-0061 4mm Pin
- 08-0067 Press Plates



## CHAIN BREAKER/RIVETING CONVERSION KIT FOR 08-0066

- Converts 08-0066 Press Tool Kit into a chain breaker and riveting tool for 520, 525, and 530 chains only

08-0403 Chain Breaker/Riveting Conversion Kit



## MINI CHAIN PRESS TOOL

- Fits most #520-#530 standard and O-ring chains
- Allen wrench is included with tool
- Perfect tool pack accessory (see page 19)
- Made in the U.S.A.

08-0070 Mini Chain Press Tool



## MASTER LINK PLIERS

- Designed to simplify installation and removal of clip-type master links
- One tip is shorter and notched to be placed on the pin which allows the longer end to push the clip

08-0230 Master Link Pliers



HMC Red Bull KTM | Technician

## NEW CHAIN CUTTING BOARD

- Size chains to length quickly, easily and accurately
- No more improperly cut chains due to miscounted links
- Easy to read link counting system
- Works on 40 and 50 series chains
- Made in the USA

08-0450 Chain Cutting Board



## BELT TENSION GAUGE

- Compact design
- Scale for easy reference
- Designed to work with all belt drive models with a 10 lb. specification

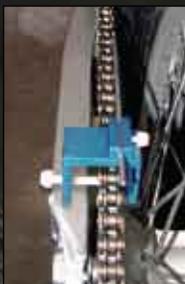
08-0350 Belt Tension Gauge



## CHAIN ALIGNMENT TOOL

- Quick and accurate alignment
- Tool body clamps squarely to rear sprocket so the alignment rod will indicate sprocket alignment to chain
- Made in the U.S.A.

08-0048 Chain Alignment Tool



## TECH GEAR

### NITRILE GLOVES

- Superior puncture, tear and chemical resistance with excellent dexterity
- 100% latex free eliminates potential allergic reactions to latex proteins
- Textured surface provides strong grip for both wet and dry applications
- 5 mil. (fingers and palm)
  - Unique packaging designed with blue color coded logo
  - 100 gloves per container

11-0035 Large Nitrile Gloves  
11-0036 X-Large Nitrile Gloves



### LATEX GLOVES

- Superior puncture, tear and chemical resistance with excellent dexterity
- Fully textured finish provides excellent grip when handling wet tools and equipment
- Polymer coating on the surface keeps hands comfortable and cool during extended use
  - Powder free minimizes the risk of developing latex protein residue related allergies
  - 12" cuff length protects wrists and forearms
  - 14 mil. (fingers and palm) for maximum chemical resistance
- Unique packaging designed with yellow color coded logo
- 50 gloves per container

11-0037 Large Latex Gloves  
11-0038 X-Large Latex Gloves



### TECH APRON

- Cotton apron features adjustable neck strap
- Vinyl bottom protector features deep pockets

20-0000 Tech Apron



### PIT GLOVES

- One size fits all
- Cotton gloves feature gripper palms and Motion Pro® logo

20-0068 Pit Gloves



### MAGNETIC FINGER GLOVE

- Holds small metal objects
- Great for starting or removing fasteners in hard to reach places
- 2-way stretch spandex
- Leatherette bottom and fingertip
- Stretch finger panels
- See Dealer Displays for card of 6

21-0016 Magnetic Finger Glove (each)



KINNEY JONES

## MP TECH GLOVES FOR MECHANICS

- Glove body is constructed from 2-way stretch spandex
- Clarino® double wall palm
- 3 ml. thick EVA impact pad
- Vented padded Airprene on finger area, knuckles and cuff
- Kevlar® non-slip finger tips on thumb and index finger
- Lycra finger panels

- 21-0006 **Small**
- 21-0007 **Medium**
- 21-0008 **Large**
- 21-0009 **X-Large**
- 21-0017 **XX-Large**



## T6™ TOOL PACK

- Constructed from heavy-duty 1680 denier nylon
- Approximately 3000cc capacity
- Main fold out compartment is 3 1/4" L x 10" 1/4" W x 5" H (8.13 cm L x 25.63 cm W x 12.5 cm H)
- Additional outer storage pocket is 2" L x 10 1/4" W x 5" H (5 cm L x 25.63 cm W x 12.5 cm H)
- Non-slip textured backing
- Heavy-duty non slip belt tension sliders
- Zippered side pockets, accessory web-belt loops
- High quality Motion Pro PVC logo patch

### 21-0001 T6 Tool Pack

#### Replacement Parts:

- 21-0002 Multi-Purpose Work Mat/Map Pouch
- 20-0204 Carabiner Compass



## EXCLUSIVE T6™ TOOL PACK FEATURES:

### Belt

- 2" padded belt with zippered hip pockets
- Accessory web-belt loops
- Quick-release buckle
- Heavy-duty non-slip belt tension sliders
- Adjust to fit 28" - 48" waist (70 cm - 120 cm)

### Removable Multi-Purpose Work Mat/Map Pouch

- Nylon work mat with PVC backing (21 1/2" x 17") (53.75 cm x 42.50 cm) offering you a clean area to work on
- Clear PVC map pouch with zipper keeps your trail map clean and dry (8 1/2" x 12") (11cm x 30 cm)

### Hide-Away Heavy-Duty Rain Cover

- Nylon with PVC backing
- Attached and stows away easily in built-in closure compartment

### Adjustable Wrap-around Compression Strap System

- Provides load control
- Holds additional gear

### Adventure Rescue Whistle

- Whistle/quick-release is a part of the wrap-around compression strap system (115 decibels)

### Carabiner Compass

- 27mm liquid filled compass
- ABS carabiner body

## T6 TOOL PACK WATER BOTTLE HOLDER

- 7" X 5" pocket, large enough to hold standard size water bottle/sport drink
- Attaches to tool pack using heavy duty 2" webbing with 2.5" x 2" reinforced Velcro®
- Security cord to keep water bottle in place
- Insulated padding, keeps drink cool or warm
- Large embroidered Motion Pro® logo

21-0004 Water Bottle Holder

## T6 TOOL PACK T-HANDLE HOLDER

- 6.5" X 6" 3pc T-Handle holder
- Heavy duty 2" webbing reinforced with double stitching
- Reinforced backing, no sag
- Attaches to tool pack using heavy duty 2" webbing with 2.5" x 2" reinforced Velcro®
- Large embroidered Motion Pro logo

21-0003 T-Handle Holder



Red Bull KTM WORCS | Technician

- Tire Wheel Axle
- T-Handle & L-Handle
- Tool Kits
- Wrenches & Allen
- Chain & Belt Drive

### Tech Gear

- Bearing Tools & Pullers
- Suspension
- Carburetor
- Ignition
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- Lower Engine
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# BEARING TOOLS & PULLERS

- Tire Wheel Axle
- T-Handle & L-Handle
- Tool Kits
- Wrenches & Allen
- Chain & Belt Drive
- Tech Gear
- Bearing Tools & Pullers**
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## NEW DELUXE SUSPENSION BEARING SERVICE TOOL

- Designed for quick and easy removal and precise installation of suspension linkage and swing arm pivot bearings
- Designed for use on 20 & 22 mm id bearings
- Fits most off-road motorcycles & ATV's
- Includes blind bearing collet for removal of 20 mm blind bearings
- Kit includes Blind Bearing Puller Adapter (p/n C08-0294.J), which can also be used as an accessory with the Motion Pro Blind Bearing Remover set (P/N 08-0292)
- Anodized aluminum mandrels reduce the possibility of damaging bearing surfaces
- Laser etched markings for easy size identification
- Eliminates the need for a shop press
- Protective blow-molded case for easy storage

**08-0294 Deluxe Suspension Bearing Service Tool**



## BLIND BEARING AND BUSHING REMOVER

- Set includes 30, 25, 20, 17, 15, 12, 10 and 8mm collets
- 2 pound slide-hammer
- Crossbar type shaft allows easy collet removal
- Necessary tool for most transmission rebuilds
- Can be used for wheel bearing removal

**08-0292 Blind Bearing and Bushing Remover**

### Replacement Parts:

C08-292A 8mm Collet	C08-292E 17mm Collet
C08-292B 10mm Collet	C08-292F 20mm Collet
C08-292C 12mm Collet	C08-292G 25mm Collet
C08-292D 15mm Collet	C08-292H 30mm Collet

## SWINGARM BEARING TOOL

- Designed for installation of the swingarm bearings on late-model Japanese motorcycles
- Puller draws bearing into the swingarm
- Includes three drivers for use with common bearing sizes
- Kits includes driver sizes I.D. 20mm / O.D. 26mm, I.D. 21mm / O.D. 26mm and I.D. 22mm / O.D. 27mm

**08-0213 Swingarm Bearing Tool**



## 44MM CR SEAL/BEARING RETAINER TOOL

- Versatile design features a 22mm hex and 3/8" square drive
- Precision design prevents damage to the retainer ring after peened "stakes" have been removed by drilling
- 44mm, replaces OEM tool 07710-0010200, to remove and replace the rear wheel bearing/seal retainer ring, part number 41231-KZ4-000
- For use on: CR 125/250R 84-86, 89-99 and CR 500R 84-86, 89-01

**08-0228 44mm CR Seal/Bearing Retainer Tool**



## 47MM CR SEAL/BEARING RETAINER TOOL

- Versatile design features a 22mm hex and 3/8" square drive
- Precision design prevents damage to the retainer ring after peened "stakes" have been removed by drilling
- 47mm, replaces OEM tools 07HMA-KS70100, and 07YMA-KZ40100, to remove and replace the rear wheel bearing/seal retainer rings, part numbers 41231-KZ4-J20 and 41231-KS6-700
- For use on: CR 125/250R 87-88, 00-02, CRF450 02-06, CRF450X 05-06, and CR 500R 87-88

**08-0256 47mm CR Seal/Bearing Retainer Tool**



## XR SEAL/BEARING RETAINER TOOL

- Replaces OEM tool 07710-0010100 to remove and replace the rear wheel bearing/seal retainer ring, part number 41231-429-000 and 41231-286-000

- Versatile design features a 22mm hex and 3/8" square drive
- Precision design prevents damage to the retainer ring after peened "stakes" have been removed by drilling

- For use on: XR 650L 93-04, XR 650R 93-04, XR 600R 85-00, XR 500R 81-84, XR 350R 83-85, XR 250R 84-91, MR 250 76, CR 250M, CR 250 M1 and CR 250M 76

**08-0227 XR Seal/Bearing Retainer Tool**



## CR SEAL/BEARING RETAINER TOOL

- 22mm hex and 3/8" square drive
- Precision design prevents damage to the retainer ring after peened "stakes" have been removed by drilling
- Replaces the OEM Honda tool to remove and replace the rear wheel bearing/seal retainer ring, part number 41231-430-000
- For use on: CR 250R 78-81

**08-0290 CR Seal/Bearing Retainer Tool**



Bad Boy Power Drink Honda | Chad Johnson



### FLYWHEEL PULLER - M16 X 1.5 R.H.



08-0027 Flywheel Puller  
(Thread: 16mm x 1.5 R.H.)

### FLYWHEEL PULLER - M27 X 1.0 L.H.

• Fits most late-model MX bikes



08-0026 Flywheel Puller  
(Thread: 27mm x 1.0 L.H.)

### FLYWHEEL PULLER - M22 X 1.5 R.H.



08-0074 Flywheel Puller  
(Thread: 22mm x 1.5 R.H.)

### HONDA FL250 ODYSSEY CLUTCH PULLER - M22 X 1.8 R.H.



08-0033 Honda FL250 Odyssey Clutch Puller  
(Thread: 22mm x 1.8 R.H.)

### FLYWHEEL PULLER - M20 X 1.5 HOLLOW R.H.



08-0086 Flywheel Puller  
(Thread: 20mm x 1.5 Hollow R.H.)

### FLYWHEEL PULLER - M20 X 1.5 R.H.



08-0085 Flywheel Puller  
(Thread: 20mm x 1.5 R.H.)

### WATERCRAFT FLYWHEEL PULLER - M18 X 1.5 R.H.

• Allows you to pull flywheel without pulling motor from hull.



08-0118 Watercraft Flywheel Puller  
(Thread: 18mm x 1.5 R.H.)

### FLYWHEEL PULLER - M18 X 1.5 R.H.



08-0116 Flywheel Puller  
(Thread: 18mm x 1.5 R.H.)

### FLYWHEEL PULLER - M24 X 1.5 R.H.I.T.

• Replaces Honda OEM tool 07AMC-MEBA100 and Kawasaki OEM tool 57001-1565 and Suzuki OEM tool K5700-11565-LPT  
• Includes 12mm crankshaft protector (OE tool 07AMC-MEBA110)



08-0257 Flywheel Puller  
(Thread: 24mm x 1.5 R.H.I.T.)

### FLYWHEEL PULLER

• Puller kit for pulling magneto flywheel or starter gear on Kawasaki Jet Ski 300/440/550  
• Will also fit the Yamaha WR250F 01-02, Yamaha WR400F flywheel  
• Includes three 6 x 25 and three 8 x 40 bolts



08-0160 Flywheel Puller

### FLYWHEEL PULLER FOR DRZ 400 - M38 X 1.5 R.H.

• Replaces OEM tool 109930-31921



08-0306 Flywheel Puller for DRZ 400  
(Thread: 38mm x 1.5 R.H.)

### KTM 4-STROKE FLYWHEEL PULLER - M26 X 1.0 R.H.I.T.

• Replaces OEM tool 580.12.009.000.  
• Includes shaft protector cap (OE reference 510.12.016.000).  
• Not applicable to older models with Motoplat ignition systems



KTM: 250 RFS, 400, 450, 520, 525 RFS

08-0293 KTM 4-Stroke Flywheel Puller  
(Thread: 26mm x 1.0 R.H.I.T.)

Tire Wheel Axle

T-Handle & L-Handle

Tool Kits

Wrenches & Allen

Chain & Belt Drive

Tech Gear

**Bearing Tools & Pullers**

Suspension

Carburetor

Ignition

Upper Engine

Lower Engine

Fuel System

Brake

Snowmobile

Accessories

Hardware

Cables

Custom Cables

Controls

V-Twin

Promotional

Dealer Displays

Reference Chart

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- Tire Wheel Axle
- T-Handle & L-Handle
- Tool Kits
- Wrenches & Allen
- Chain & Belt Drive
- Tech Gear
- Bearing Tools & Pullers**
- Suspension
- Carburetor
- Ignition
- Upper Engine
- Lower Engine
- Fuel System
- Brake
- Snowmobile
- Accessories
- Hardware
- Cables
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- Dealer Displays
- Reference Chart
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**FLYWHEEL PULLER FOR BOMBARDIER/CAN-AM M38 X 1.5 R.H.I.T.**

- DS 650

**08-0321 Flywheel Puller for DS 650 00-05**  
(Thread: 38mm x 1.5 R.H.I.T.)



**FLYWHEEL PULLER - M35 X 1.5 R.H.I.T.**

**08-0349 Flywheel Puller**  
(Thread: 35mm x 1.5 R.H.I.T.)



**FLYWHEEL PULLER - M28 X 1.0 R.H.I.T.**

- Replaces OEM tool 070MC-HP1A100
- Includes 14mm crankshaft protector OEM tool 070MC-HP1A110

**08-0372 Flywheel Puller**  
(Thread: 28mm x 1.0 R.H.I.T.)



**FLYWHEEL PULLER - M30 X 1.0 R.H.I.T.**

- Replaces OEM tool YM-04141 Yamaha: WR 250F 03-07

**08-0386 Flywheel Puller**  
(Thread: 30mm x 1.0 R.H.I.T.)



**FLYWHEEL PULLER - M33 X 1.5 R.H.I.T.**

**08-0390 Flywheel Puller -**  
(Thread: M33 X 1.5 R.H.I.T.)



**FLYWHEEL PULLER - M50XP1.5 R.H.I.T.**

- Includes 16mm crankshaft protector

**08-0417 Flywheel Puller**  
(Thread: M50 x P1.5 R.H.I.T.)

**FLYWHEEL PULLER - M28 X 1.0 R.H.I.T.**

- Includes 12mm crankshaft protector cap
- Replaces OEM Tool 070MC-HP10100 and 070MC-HP1A100 crankshaft protector

For Honda CRF450X 04-08, TRX450R/ER 06-08 and 08 Kawasaki KLX450R



**08-0425 Flywheel Puller**  
(Thread: M28 x 1.0 R.H.I.T.)

**FLYWHEEL PULLER - SUZUKI RM80/RM85**

- Fits 1989 - 2008 Suzuki RM80/RM85
- Replaces OEM tool 09930-30211
- Has a hex head type drive bolt. Not for use with a slide hammer
- Includes 5mm hardware
- Includes a handle for ease of use



**08-0424 Flywheel Puller - Suzuki RM80/RM85**

**FLYWHEEL PULLER REFERENCE CHARTS**

- Reference your flywheel puller by model, make, engine displacement and year
- See motionpro.com for more information

**ARCTIC CAT FLYWHEEL PULLER REFERENCE CHARTS**

MODEL	CC	TYPE	YEAR	FLYWHEEL PULLER P/N
DVX 400	400	ATV	2004 - 2008	08-0306

**BOMBARDIER-CANAM FLYWHEEL REFERENCE CHARTS**

MODEL	CC	TYPE	YEAR	FLYWHEEL PULLER P/N
DS 650	650	ATV	2000 - 2005	08-0321
DS 650X	650	ATV	2005 - 2007	08-0321

**HUSABERG FLYWHEEL PULLER REFERENCE CHARTS**

MODEL	CC	TYPE	YEAR	FLYWHEEL PULLER P/N
FE 450E	450	Offroad	2007	08-0293
FE 650E	650	Offroad	2007	08-0293

## HONDA FLYWHEEL PULLER REFERENCE CHARTS

MODEL	CC	TYPE	Footnote	YEAR	F.P. P/N
CRF50F	0050	Offroad		2004 - 2009	08-0026
MB5	0050	Street		1982	08-0026
XR50R	0050	Offroad		2000 - 2003	08-0026
Z50A	0050	Offroad		1968 - 1978	08-0026
Z50R	0050	Offroad		1979 - 1985	08-0026
CR60R	0060	Offroad		1983 - 1984	08-0026
ATC70	0070	ATV		1973 - 1974	08-0026
ATC70	0070	ATV		1978 - 1985	08-0026
C70	0070	Scooter		1980 - 1981	08-0026
CRF70F	0070	Offroad		2004 - 2009	08-0026
CT70	0070	Offroad		1969 - 1982	08-0026
CT70H	0070	Offroad		1970 - 1973	08-0026
SL70	0070	Offroad		1971 - 1973	08-0026
TRX70	0070	ATV		1986 - 1987	08-0026
XL70	0070	Offroad		1974 - 1976	08-0026
XR70R	0070	Offroad		1997 - 2003	08-0026
XL75	0075	Dual Sport		1977 - 1979	08-0026
XR75	0075	Offroad		1973 - 1978	08-0026
CR80R	0080	Offroad		1983 - 2002	08-0026
CR80RB	0080	Offroad		1996 - 2002	08-0026
CRF80F	0080	Offroad		2004 - 2009	08-0026
XL80S	0080	Dual Sport		1980 - 1985	08-0026
XR80	0080	Offroad		1979 - 1984	08-0026
XR80R	0080	Offroad		1985 - 1991	08-0026
XR80R	0080	Offroad		1993 - 2003	08-0026
CR85R	0085	Offroad		2003 - 2008	08-0026
CR85RB	0085	Offroad		2003 - 2008	08-0026
ATC90	0090	ATV	056	1970 - 1978	08-0027
CT90	0090	Offroad	056	1969 - 1979	08-0027
TRX90	0090	ATV		1993 - 2005	08-0026
CRF100F	0100	Offroad		2004 - 2008	08-0026
CRF100F	0100	Offroad		2008	08-0026
XL100	0100	Dual Sport		1974 - 1978	08-0026
XL100S	0100	Dual Sport		1979 - 1985	08-0026
XR100	0100	Offroad		1981 - 1984	08-0026
XR100R	0100	Offroad		1985 - 2003	08-0026
ATC110	0110	ATV	056	1979 - 1980	08-0027
ATC110	0110	ATV	055	1981 - 1985	08-0026
CT110	0110	Offroad	056	1980 - 1981	08-0027
CT110	0110	Offroad	056	1982 - 1984	08-0026
CR125M	0125	Offroad		1974 - 1975	08-0027
CR125R	0125	Offroad		1984 - 2007	08-0026
NH125M	0125	Scooter		1984	08-0026
TRX125	0125	ATV		1985 - 1988	08-0026
CRF150R	0150	Offroad		2007 - 2008	08-0257
CRF150RB	0150	Offroad		2007 - 2008	08-0257
CB175	0175	Street	056	1969 - 1973	08-0027
SL175	0175	Dual Sport	056	1970 - 1972	08-0027
XL175	0175	Dual Sport		1976 - 1978	08-0026
XL175K	0175	Dual Sport		1973 - 1975	08-0026
ATC185	0185	ATV		1980	08-0026
ATC185S	0185	ATV		1981 - 1983	08-0026
CM185T	0185	Street		1978 - 1979	08-0027
ATC200	0200	ATV		1981 - 1983	08-0026
ATC200S	0200	ATV		1984 - 1986	08-0026
CM200T	0200	Street		1980 - 1982	08-0027
XR200R	0200	Offroad		1984 - 1985	08-0085
CRF230F	0230	Offroad		2003 - 2008	08-0027
ATC250ES	0250	ATV		1985 - 1987	08-0086
ATC250R	0250	ATV		1981 - 1986	08-0026
ATC250SX	0250	ATV		1985 - 1987	08-0086
CM250C	0250	Street		1982 - 1983	08-0027
CMX250C	0250	Street		1985 - 1987	08-0027
CR250	0250	Offroad		1981 - 1982	08-0027
CR250M	0250	Offroad		1973 - 1976	08-0027
CR250R	0250	Offroad	060	1978 - 1980	08-0372
CR250R	0250	Offroad		1983	08-0027

## HONDA FLYWHEEL PULLER REFERENCE CHARTS

MODEL	CC	TYPE	Footnote	YEAR	F.P. P/N
CR250R	0250	Offroad		1984 - 2007	08-0026
CRF250R	0250	Offroad		2004 - 2008	08-0257
CRF250X	0250	Offroad		2004 - 2008	08-0257
FL250	0250	ATV		1977 - 1984	08-0033
TL250	0250	Offroad		1975 - 1976	08-0074
TRX250	0250	ATV		1985 - 1987	08-0086
TRX250R	0250	ATV		1986 - 1989	08-0026
TRX250X	0250	ATV		1987 - 1988	08-0027
TRX250X	0250	ATV		1991 - 1992	08-0027
VTR250	0250	Street		1988 - 1990	08-0086
XL250	0250	Dual Sport		1972 - 1976	08-0074
XL250R	0250	Dual Sport		1982 - 1983	08-0074
XL250R	0250	Dual Sport		1984	08-0085
XL250S	0250	Dual Sport		1978 - 1981	08-0074
XR250	0250	Offroad		1979 - 1980	08-0074
XR250L	0250	Offroad		1991 - 1996	08-0085
XR250R	0250	Offroad		1981 - 1982	08-0074
XR250R	0250	Offroad		1984 - 1985	08-0085
XR250R	0250	Offroad		2000 - 2003	08-0074
TRX300EX	0300	ATV		1993 - 2008	08-0086
ATC350X	0350	ATV		1985 - 1986	08-0086
CB350G	0350	Street		1973	08-0027
FL350R	0350	ATV	055	1985	08-0026
SL350	0350	Street	056	1969 - 1973	08-0027
TRX350	0350	ATV		1986 - 1987	08-0086
TRX350D	0350	ATV		1987 - 1989	08-0086
XL350	0350	Dual Sport		1974 - 1978	08-0074
XL350R	0350	Dual Sport		1984 - 1985	08-0086
XR350R	0350	Offroad		1983	08-0074
XR350R	0350	Offroad		1984 - 1985	08-0086
CB360K	0360	Street		1974	08-0027
CB400A	0400	Street		1978	08-0086
CB400F (CB-1)	0400	Street	056	1989 - 1990	08-0027
CB400T1	0400	Street		1979	08-0086
CB400T1	0400	Street		1978	08-0086
CB400TII	0400	Street		1978 - 1979	08-0086
CM400A	0400	Street		1979 - 1981	08-0086
CM400C	0400	Cruiser		1981	08-0086
CM400E	0400	Street		1980 - 1981	08-0086
CM400T	0400	Street		1979 - 1981	08-0086
TRX400EX	0400	ATV		1999 - 2008	08-0086
XR400R	0400	Offroad		1998 - 2004	08-0086
CB450SC	0450	Street		1982 - 1983	08-0086
CB450SC	0450	Street		1985 - 1986	08-0086
CB450T	0450	Street		1982	08-0086
CM450A	0450	Street		1982 - 1983	08-0086
CM450C	0450	Cruiser		1982	08-0086
CM450E	0450	Street		1982 - 1983	08-0086
CR450R	0450	Offroad		1981	08-0026
CRF450R	0450	Offroad		2002 - 2008	08-0257
CRF450X	0450	Offroad	063	2004 - 2008	08-0425
TRX450ER	0450	ATV	063	2006 - 2008	08-0425
TRX450R	0450	ATV	060	2004 - 2005	08-0372
TRX450R	0450	ATV	063	2006 - 2008	08-0425
CR480R	0480	Offroad		1982 - 1983	08-0026
CB500T	0500	Street	056	1975 - 1976	08-0027
CR500R	0500	Offroad		1984 - 2001	08-0026
CX500	0500	Street		1978 - 1979	08-0086
CX500C	0500	Cruiser		1979 - 1982	08-0086
CX500D	0500	Street		1979 - 1981	08-0086

### Footnote #:

**055** - With CDI only

**056** - With breaker points

**060** - Same Puller body as 08-0425. 08-0425 comes with thread protector C08-0257B for CRF450X and TRX450R/ER 2006-2007

**063** - Same puller body as 08-0372 (C08-0372A), but with thread protector C08-0257B

- Tire Wheel Axle
- T-Handle & L-Handle
- Tool Kits
- Wrenches & Allen
- Chain & Belt Drive
- Tech Gear
- Bearing Tools & Pullers**
- Suspension
- Carburetor
- Ignition
- Upper Engine
- Lower Engine
- Fuel System
- Brake
- Snowmobile
- Accessories
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# BEARING TOOLS&PULLERS

## HONDA FLYWHEEL PULLER REFERENCE CHARTS

	MODEL	CC	TYPE	Foot Note	YEAR	F.P. P/N
Tire Wheel Axle	CX500TC	0500	Sportbike		1982	08-0086
	FT500	0500	Street		1982 - 1983	08-0074
T-Handle & L-Handle	GB500	0500	Street		1989 - 1990	08-0074
	GL500	0500	Street		1981 - 1982	08-0086
	GL500I	0500	Street		1981 - 1982	08-0086
Tool Kits	TRX500FE/FM/FP	0500	ATV		2007 - 2008	08-0086
	TRX500FE/FM/TM	0500	ATV		2005 - 2006	08-0086
Wrenches & Allen	VF500C	0500	Cruiser		1984 - 1985	08-0074
	VF500F	0500	Sportbike		1984 - 1986	08-0085
	VT500C	0500	Cruiser		1983 - 1986	08-0074
Chain & Belt Drive	VT500FT	0500	Street		1983 - 1984	08-0074
	XL500R	0500	Dual Sport		1982	08-0074
	XL500S	0500	Dual Sport		1979 - 1981	08-0074
Tech Gear	XR500	0500	Offroad		1979 - 1980	08-0074
	XR500R	0500	Offroad		1981 - 1984	08-0074
	CB550SC	0550	Street		1983	08-0027
Bearing Tools & Pullers	CBR600F	0600	Sportbike		1987 - 1990	08-0086
	VT600C	0600	Cruiser		1988 - 1989	08-0074
	VT600C	0600	Cruiser		1991 - 1992	08-0074
Suspension	VT600C/CD	0600	Cruiser		1993 - 1997	08-0074
	VT600C/CD	0600	Cruiser		1999 - 2007	08-0074
Carburetor	VT600CD	0600	Cruiser		1998	08-0074
	XL600R	0600	Dual Sport		1983 - 1987	08-0074
	XR600R	0600	Offroad		1988 - 2000	08-0074
Ignition	CB650SC	0650	Street		1983	08-0027
	CX650C	0650	Cruiser		1983	08-0086
	CX650T	0650	Sportbike		1983	08-0086
Upper Engine	GL650I	0650	Street		1983	08-0086
Lower Engine	NT650	0650	Street		1988 - 1991	08-0074
	NX650	0650	Street		1988 - 1989	08-0074
	XR650L	0650	Dual Sport		1993 - 2008	08-0074
Fuel System	XR650R	0650	Offroad		2000 - 2007	08-0086
	CB700SC	0700	Street		1984 - 1986	08-0027
	VF700C	0700	Cruiser		1984 - 1986	08-0074
Brake	VF700F	0700	Sportbike		1984 - 1985	08-0074
	VF700S	0700	Street		1984 - 1985	08-0074
Snowmobile	VFR700F	0700	Sportbike		1986	08-0074
	VT700C	0700	Cruiser		1984 - 1987	08-0086
	CB750A	0750	Street		1976 - 1978	08-0085
Accessories	CB750C	0750	Cruiser		1980 - 1982	08-0116
	CB750F	0750	Street		1975 - 1978	08-0085
	CB750F	0750	Street		1979 - 1982	08-0116
Hardware	CB750K	0750	Street		1969 - 1978	08-0085
	CB750K	0750	Street		1979 - 1982	08-0116
	CB750L	0750	Street		1979	08-0116
Cables	CB750SC	0750	Street		1982 - 1983	08-0116
	VF750C	0750	Cruiser		1982 - 1983	08-0074
Custom Cables	VF750F	0750	Sportbike		1983 - 1984	08-0074
	VF750S	0750	Street		1982 - 1983	08-0074
	VFR750F	0750	Sportbike		1986	08-0074
Controls	VT750C	0750	Cruiser		1982 - 1983	08-0086
	VT750C	0750	Cruiser		1998 - 2000	08-0074
	VT750CD	0750	Cruiser		1999	08-0074
V-Twin	VT750CD/CD2	0750	Cruiser		1998	08-0074
	VT750CD/CD2	0750	Cruiser		2000	08-0074
Promotional	PC800	0800	Street		1989 - 1990	08-0086
	PC800	0800	Street		1994 - 1998	08-0086
	VT800C	0800	Cruiser		1988	08-0086
Dealer Displays	CB900C	0900	Cruiser		1980 - 1982	08-0116
	CB900F	0900	Street		1981 - 1982	08-0116
	CBR900RR	0900	Sportbike		2000 - 2003	08-0086
Reference Chart	CBR954RR	0954	Sportbike		2002 - 2003	08-0086
	CB1000C	1000	Street		1983	08-0116
	CB1100F	1000	Street		1983	08-0116
Index	VF1000F	1000	Sportbike		1984	08-0074
	VF1000R	1000	Sportbike		1985 - 1986	08-0074
	VF1100C	1100	Cruiser		1983 - 1986	08-0074
	VF1100S	1100	Street		1984 - 1985	08-0074

## KAWASAKI FLYWHEEL PULLER REFERENCE CHARTS

	MODEL	CC	TYPE	Foot Note	YEAR	F.P. P/N
	AR 50	50	Street		1982	08-0026
	KDX 50	50	Offroad		2003 - 2006	08-0026
	KX 60	60	Offroad		1983 - 1988	08-0026
	KX 60	60	Offroad		1990 - 2003	08-0026
	KX 65	65	Offroad		2000 - 2009	08-0026
	AR 80	80	Street		1982	08-0026
	KD 80	80	Offroad		1976 - 1987	08-0026
	KDX 80	80	Offroad		1980 - 1988	08-0026
	KX 80	80	Offroad		1983 - 1985	08-0026
	KX 80	80	Offroad		1998 - 2000	08-0026
	KX 85	85	Offroad		2001 - 2009	08-0026
	KM 100	100	Dual Sport		1976 - 1981	08-0026
	KV 100	100	Offroad		1970 - 1975	08-0026
	KX 100	100	Offroad		1995 - 2009	08-0026
	KLF 110A	110	ATV		1996 - 2000	08-0116
	KLT 110A	110	ATV		1984 - 1986	08-0027
	KLX 110	110	Offroad		2002 - 2009	08-0372
	KS 125	125	Offroad		1974 - 1975	08-0026
	KX 125	125	Offroad		1974 - 1981	08-0027
	KX 125	125	Offroad		1993 - 2005	08-0026
	KDX 200	200	Offroad		1997 - 2006	08-0026
	KLT 200A	200	ATV		1983 - 1984	08-0027
	KLT 200B	200	ATV		1983	08-0027
	KLT 200C	200	ATV		1983 - 1984	08-0027
	KZ 200A	200	Street		1978 - 1979	08-0116
	KDX 220R	220	Offroad		1997 - 2005	08-0026
	EX 250E	250	Sportbike		1986 - 1987	08-0349
	EX 250F	250	Sportbike		1988 - 2007	08-0349
	KDX 250	250	Offroad		1991 - 1994	08-0026
	KH 250	250	Street		1976	08-0027
	KL 250A	250	Dual Sport		1978 - 1982	08-0116
	KL 250D	250	Dual Sport		1985 - 1995	08-0085
	KSF 250A	250	ATV		1996 - 2000	08-0116
	KX 250	250	Offroad		1974 - 1979	08-0027
	KX 250	250	Offroad		1992 - 2007	08-0026
	KX 250F	250	Offroad		2004 - 2008	08-0257
	KZ 250D	250	Street		1980 - 1981	08-0116
	S1 250	250	Street		1972 - 1975	08-0027
	JS 300A	300	PWC		1987 - 1991	08-0160
	JS 300B	300	PWC		1986 - 1988	08-0160
	S2 350	350	Street		1972 - 1973	08-0027
	KH 400A	400	Street		1976	08-0027
	KH 400A	400	Street	56	1977	08-0027
	KLX 400A	400	Dual Sport		2003	08-0306
	KLX 400B	400	Offroad		2003	08-0306
	KSF 400A	400	ATV		2003 - 2006	08-0306
	KZ 400B	400	Street		1978 - 1979	08-0116
	S3 400	400	Street		1974 - 1975	08-0027
	KX 420	420	Offroad		1980 - 1981	08-0027
	JS 440A	440	PWC		1977 - 1992	08-0160
	KZ 440A	440	Street		1980 - 1983	08-0116
	EN 450A	450	Cruiser		1985 - 1990	08-0116
	KLX 450A	450	Offroad	63	2008 - 2009	08-0425
	KSF 450B	450	ATV		2008	08-0372
	KX 450F	450	Offroad		2006 - 2008	08-0257
	KX 450F	450	Offroad		2009	08-0372
	EN 500A	500	Cruiser		1990 - 1996	08-0116
	EN 500C	500	Cruiser		1996 - 2009	08-0116
	EX 500A	500	Street		1987 - 1993	08-0116
	EX 500D	500	Sportbike		1994 - 2009	08-0116
	KX 500	500	Offroad		1984 - 1985	08-0026
	KX 500	500	Offroad		1992 - 2004	08-0026
	JS 550A	550	PWC		1982 - 1989	08-0160
	JS 550B	550	PWC		1990	08-0160

### Footnote #:

**056** - With breaker points

**063** - Same puller body as 08-0372 (C08-0372A), but with thread protector C08-0257B

## KAWASAKI FLYWHEEL PULLER REFERENCE CHARTS

MODEL	CC	TYPE	Foot Note	YEAR	F.P. P/N
JS 550C	550	PWC		1991 - 1995	08-0160
KZ 550A	550	Street		1980 - 1983	08-0116
KZ 550H	550	Street		1982 - 1983	08-0116
ZX 550A	550	Street		1984 - 1985	08-0116
KL 600A	600	Dual Sport		1984	08-0074
KL 600B	600	Dual Sport		1985 - 1986	08-0074
ZX 600A	600	Sportbike		1985 - 1987	08-0116
ZX 600B	600	Sportbike		1987	08-0116
ZX 600C	600	Sportbike		1988 - 1997	08-0116
ZX 600E	600	Sportbike		1993 - 2004	08-0349
ZX 600J	600	Sportbike		2000 - 2007	08-0349
KL 650A	650	Dual Sport		1987 - 1995	08-0085
KL 650A	650	Dual Sport		1996 - 2007	08-0074
KL 650E	650	Dual Sport		2008	08-0074
KZ 650B	650	Street		1978 - 1979	08-0116
KZ 650C	650	Street		1978 - 1979	08-0116
KZ 650D	650	Street		1978 - 1979	08-0116
KZ 650E	650	Cruiser		1980	08-0116
KZ 650F	650	Street		1980	08-0116
KZ 650H	650	Street		1981 - 1983	08-0116
JH 750A	750	PWC		1992 - 1995	08-0118
JH 750B	750	PWC		1993 - 1995	08-0118
JH 750C	750	PWC		1995 - 1996	08-0118
JH 750E	750	PWC		1996	08-0118
JH 750F	750	PWC		1996	08-0118
JS 750A	750	PWC		1992 - 1995	08-0118
JS 750B	750	PWC		1995 - 1996	08-0118
JT 750A	750	PWC		1994 - 1995	08-0118
JT 750B	750	PWC		1995 - 1996	08-0118
KZ 750R	750	Street		1982	08-0116
VN 750A	750	Cruiser		1986 - 2006	08-0116
ZX 750A	750	Sportbike		1983 - 1985	08-0116
KZ 900A	900	Street	56	1976	08-0027
KZ 900A	900	Street		1977	08-0027
KZ 900B	900	Street		1976	08-0027
Z1	900	Street		1973	08-0027
Z1A	900	Street		1974	08-0027
Z1B	900	Street		1975	08-0027
KZ 1000A	1000	Street	56	1977	08-0027
KZ 1000A	1000	Street		1978 - 1980	08-0027
KZ 1000B	1000	Street	56	1977	08-0027
KZ 1000B	1000	Street		1978 - 1980	08-0027
KZ 1000C	1000	Street		1978 - 1980	08-0027
KZ 1000D	1000	Street		1978	08-0027
KZ 1000D	1000	Street		1980	08-0027
KZ 1100A	1100	Street		1981 - 1983	08-0116
ZX 1100A	1100	Sportbike		1983 - 1984	08-0116
KZ 1300A	1300	Street		1979 - 1981	08-0027
KZ 1300A	1300	Street		1982	08-0116
KZ 1300B	1300	Street		1980	08-0027

**Footnote #:**

056 - With breaker points

## KTM FLYWHEEL PULLER REFERENCE CHARTS

MODEL	CC	TYPE	Foot Note	YEAR	F.P. P/N
50 JR. Advntr.	50	Offroad		2002 - 2003	08-0423
50 Mini Advntr.	50	Offroad		2004 - 2007	08-0423
50 Sr. Advntr.	50	Offroad		2002 - 2007	08-0423
50 SX Jr.	50	Offroad		2008	08-0423
50 SX Mini	50	Offroad		2008	08-0423
50 SX Pro Jr. Advntr.	50	Offroad		2002 - 2007	08-0423
50 SX Pro Jr. LC	50	Offroad		2002 - 2007	08-0423
50 SX Pro Sr. Advntr.	50	Offroad		2002 - 2007	08-0423
50 SX Pro Sr. LC	50	Offroad		2002 - 2007	08-0423
65 SX	65	Offroad		1999 - 2008	08-0026
65 XC	65	Offroad		2008	08-0026
85 SX	85	Offroad		2004 - 2008	08-0026

## KTM FLYWHEEL PULLER REFERENCE CHARTS

MODEL	CC	TYPE	Foot Note	YEAR	F.P. P/N
85 XC	85	Offroad		2008	08-0026
105 SX	105	Offroad		2004	08-0026
105 SX	105	Offroad		2006 - 2009	08-0026
105 XC	105	Offroad		2008	08-0026
125 EXC	125	Offroad		1998 - 2002	08-0026
125 SX	125	Offroad		1998 - 2008	08-0026
144 SX	144	Offroad		2008	08-0026
200 EXC	200	Offroad		1998 - 2005	08-0026
200 MXC	200	Offroad		1998 - 2002	08-0026
200 XC	200	Offroad		2006 - 2008	08-0026
200 XCW	200	Offroad		2006 - 2008	08-0026
250 EXC	250	Offroad		2000 - 2005	08-0026
250 MXC	250	Offroad		2000 - 2002	08-0026
250 SX	250	Offroad		2000 - 2008	08-0026
250 SXF	250	Offroad		2005 - 2009	08-0293
250 XC	250	Offroad		2006 - 2007	08-0026
250 XC	250	Offroad		2008	08-0293
250 XCF	250	Offroad		2007 - 2009	08-0293
250 XCFW	250	Offroad		2007 - 2009	08-0293
250 XCW	250	Offroad		2006 - 2007	08-0026
250 XCW	250	Offroad		2008	08-0293
300 EXC	300	Offroad		1998 - 2005	08-0026
300 MXC	300	Offroad		1998 - 2005	08-0026
300 XC	300	Offroad		2006 - 2007	08-0026
300 XC	300	Offroad		2008	08-0293
300 XCW	300	Offroad		2006 - 2007	08-0026
300 XCW	300	Offroad		2008	08-0293
380 EXC	380	Offroad		1998 - 2001	08-0026
380 MXC	380	Offroad		1998 - 2001	08-0026
380 SX	380	Offroad		1998 - 2001	08-0026
400 EXC	400	Offroad		1998 - 2002	08-0293
400 EXCG	400	Offroad		2004 - 2006	08-0293
400 MXC	400	Offroad		2001 - 2002	08-0293
400 SX	400	Offroad		1998	08-0293
400 SX	400	Offroad		2000 - 2002	08-0293
400 XCW	400	Offroad		2007 - 2008	08-0293
450 EXCG	450	Offroad		2003 - 2006	08-0293
450 EXCR	450	Dual Sport		2007 - 2008	08-0293
450 MXCG	450	Offroad		2003 - 2005	08-0293
450 SMR	450	Offroad		2008	08-0293
450 SX ATV	450	ATV		2009	08-0293
450 SXF	450	Offroad		2003 - 2006	08-0293
450 SXF	450	Offroad		2008 - 2009	08-0293
450 XC	450	Offroad		2007	08-0293
450 XC ATV	450	ATV		2008 - 2009	08-0293
450 XCF	450	Offroad		2008 - 2009	08-0293
450 XCG	450	Offroad		2006	08-0293
450 XCRW	450	Offroad		2008	08-0293
450 XCW	450	Offroad		2007	08-0293
450 XCW	450	Offroad		2009	08-0293
505 SX ATV	505	ATV		2009	08-0293
505 XCF	505	Offroad		2008 - 2009	08-0293
520 EXC	520	Offroad		2000 - 2002	08-0293
520 MXC	520	Offroad		2000 - 2002	08-0293
520 SX	520	Offroad		2000 - 2002	08-0293
525 EXC	525	Dual Sport		2007	08-0293
525 EXCG	525	Offroad		2003 - 2006	08-0293
525 MXCG	525	Offroad		2003 - 2005	08-0293
525 XC	525	Offroad		2007	08-0293
525 XC ATV	525	ATV		2008 - 2009	08-0293
525 XCG	525	Offroad		2006	08-0293
525 XCW	525	Offroad		2007	08-0293
530 EXCR	530	Dual Sport		2008	08-0293
530 XCRW	530	Offroad		2008	08-0293
625 SMC	625	Sportbike		2006	08-0390
640 LC4 Adventure	640	Dual Sport		2004 - 2007	08-0390
640 LC4E	640	Dual Sport		2001	08-0390
690 RFR	690	Offroad		2008	08-0390

- Tire Wheel Axle
- T-Handle & L-Handle
- Tool Kits
- Wrenches & Allen
- Chain & Belt Drive
- Tech Gear
- Bearing Tools & Pullers**
- Suspension
- Carburetor
- Ignition
- Upper Engine
- Lower Engine
- Fuel System
- Brake
- Snowmobile
- Accessories
- Hardware
- Cables
- Custom Cables
- Controls
- V-Twin
- Promotional
- Dealer Displays
- Reference Chart
- Index

# BEARING TOOLS&PULLERS

## SUZUKI FLYWHEEL PULLER REFERENCE CHARTS

	MODEL	CC	TYPE	Foot Note	YEAR	F.P. P/N
Tire Wheel Axle	DRZ 400SM	0400	Dual Sport		2005 - 2009	08-0306
	DRZ 400Y	0400	Offroad		2000	08-0306
T-Handle & L-Handle	GSF 400	0400	Street		1991 - 1993	08-0349
	LTA 400	0400	ATV		2002 - 2004	08-0417
	LTA 400	0400	ATV		2006	08-0417
Tool Kits	LTA 400F	0400	ATV		2002 - 2007	08-0417
	LTF 400	0400	ATV		2002 - 2004	08-0417
	LTF 400	0400	ATV		2006	08-0417
Wrenches & Allen	LTF 400F	0400	ATV		2002 - 2007	08-0417
	LTZ 400	0400	ATV		2003 - 2008	08-0306
Chain & Belt Drive	LTA 450X	0450	ATV		2007 - 2009	08-0417
	LTR 450	0450	ATV		2006 - 2008	08-0306
	RMZ 450	0450	Offroad		2005 - 2007	08-0257
Tech Gear	RMZ 450	0450	Offroad	063	2008	08-0425
	LTA 500F	0500	ATV		2000 - 2007	08-0417
	LTF 500F	0500	ATV		1998 - 2007	08-0417
<b>Bearing Tools &amp; Pullers</b>	GS 550	0550	Street		1977 - 1980	08-0027
	GS 550E	0550	Street		1978 - 1979	08-0027
Suspension	GS 550E	0550	Street		1983	08-0027
	GS 550E	0550	Street		1985 - 1986	08-0027
	GS 550ES	0550	Sportbike		1983 - 1986	08-0027
Carburetor	GS 550ES3	0550	Sportbike		1983	08-0027
	GS 550L	0550	Street		1979 - 1983	08-0027
	GS 550L	0550	Street		1985 - 1986	08-0027
Ignition	GS 550M	0550	Sportbike		1986	08-0027
	GS 550T	0550	Street		1981	08-0027
Upper Engine	GSXR 600	0600	Sportbike		1997 - 2000	08-0085
	GSXR 600	0600	Sportbike		2001 - 2008	08-0390
	AN 650	0650	Scooter		2003 - 2008	08-0085
Lower Engine	AN 650A	0650	Scooter		2006 - 2008	08-0085
	DL 650	0650	Dual Sport		2004 - 2008	08-0085
	GS 650E	0650	Street		1981 - 1982	08-0027
Fuel System	GS 650G	0650	Street		1981 - 1983	08-0027
	GS 650GL	0650	Street		1981 - 1983	08-0027
	GS 650M	0650	Street		1983	08-0027
Brake	LS 650	0650	Cruiser		1987 - 2008	08-0417
	SV 650	0650	Street		1999 - 2008	08-0085
Snowmobile	SV 650S	0650	Street		2001 - 2008	08-0085
	LTA 700X	0700	ATV		2005 - 2007	08-0417
	VS 700 GLP	0700	Cruiser		1986 - 1987	08-0417
Accessories	GS 750	0750	Street		1977 - 1979	08-0027
	GS 750E	0750	Street		1978 - 1983	08-0027
	GS 750ES	0750	Street		1983	08-0027
Hardware	GS 750L	0750	Street		1979 - 1981	08-0027
	GS 750S	0750	Sportbike		1983	08-0027
	GS 750T	0750	Street		1982 - 1983	08-0027
Cables	GSXR 750	0750	Sportbike		1996 - 1999	08-0085
	GSXR 750	0750	Sportbike		2000 - 2008	08-0390
Custom Cables	LTA 750X	0750	ATV		2008 - 2009	08-0417
	VS 750 GLP	0750	Cruiser		1988 - 1991	08-0417
	VS 800GL	0800	Cruiser		1992 - 1995	08-0417
Controls	VX 800	0800	Street		1990 - 1993	08-0417
	DL 1000	1000	Dual Sport		2002 - 2008	08-0085
V-Twin	GSXR 1000	1000	Sportbike		2001 - 2006	08-0390
	SV 1000	1000	Street		2003 - 2005	08-0085
	SV 1000S	1000	Street		2003 - 2008	08-0085
Promotional	TL 1000R	1000	Sportbike		1998 - 2003	08-0085
	TL 1000S	1000	Sportbike		1997 - 2001	08-0085
	GS 1100E	1100	Street		1980 - 1982	08-0349
Dealer Displays	GS 1100ES	1100	Street		1983	08-0349
	GS 1100G	1100	Street		1982 - 1983	08-0349
	GS 1100GK	1100	Street		1982 - 1984	08-0349
Reference Chart	GS 1100GL	1100	Cruiser		1982 - 1983	08-0349
	GS 1100L	1100	Street		1980	08-0349
	GS 1100S	1100	Sportbike		1983	08-0349
Index	GSX 1300R	1300	Sportbike		1999 - 2008	08-0085
	GV 1400G	1400	Cruiser		1986 - 1988	08-0417

Footnote #: 063 - Same puller body as 08-0372 (C08-0372A), but with thread protector C08-0257B

## SUZUKI FLYWHEEL PULLER REFERENCE CHARTS

MODEL	CC	TYPE	Foot Note	YEAR	F.P. P/N
VS 1400GLP	1400	Cruiser		1987 - 2004	08-0417
VS 1400GLP (S83)	1400	Cruiser		2005 - 2008	08-0417
VL 1500LC	1500	Cruiser		1998 - 2004	08-0417
VL 1500LC C90	1500	Cruiser		2005 - 2007	08-0417
VZR 1800	1800	Cruiser		2006 - 2007	08-0417

## YAMAHA FLYWHEEL PULLER REFERENCE CHARTS

MODEL	CC	TYPE	Foot Note	YEAR	F.P. P/N
CA 50	50	Scooter		1983 - 1986	08-0026
PW 50	50	Offroad		1981 - 2008	08-0026
YSR 50	50	Sportbike		1987 - 1992	08-0026
BW 80	80	Offroad		1986 - 1990	08-0026
DT 80	80	Offroad		1981 - 1983	08-0026
GT 80	80	Offroad		1980	08-0026
YFM 80	80	ATV		1992 - 2001	08-0026
YFM 80G	80	ATV		2005 - 2008	08-0026
YFM 80R	80	ATV		2002 - 2008	08-0026
YZ 80	80	Offroad		1994 - 2001	08-0026
YZ 85	85	Offroad		2002 - 2008	08-0026
DT 100	100	Offroad		1981 - 1983	08-0026
YFM 100	100	ATV		1987 - 1991	08-0026
YT 125	125	ATV		1980 - 1985	08-0026
YZ 125	125	Offroad		1996 - 2008	08-0026
YT 175	175	ATV		1982 - 1983	08-0026
TW 200	200	Offroad		1988 - 2008	08-0027
YFM 200	200	ATV		1985 - 1989	08-0026
YFS 200	200	ATV		1988 - 2006	08-0026
TT 225	225	Offroad		1986 - 1987	08-0027
TTR 225	225	Offroad		1999 - 2004	08-0027
XT 225	225	Dual Sport		1992 - 2007	08-0027
YFM 225	225	ATV		1986 - 1988	08-0026
WR 250F	250	Offroad		2001 - 2002	08-0160
WR 250F	250	Offroad		2003 - 2008	08-0386
YZ 250	250	Offroad		2000 - 2008	08-0026
YZ 250F	250	Offroad		2004 - 2008	08-0026
RZ 350	350	Sportbike		1984 - 1985	08-0026
XT 350	350	Dual Sport		1985 - 2000	08-0027
YFM 350A	350	ATV		2004	08-0349
YFM 350BA	350	ATV		2005 - 2006	08-0349
YFM 350ER	350	ATV		1989 - 1990	08-0349
YFM 350ER	350	ATV		1992 - 1995	08-0349
YFM 350FA	350	ATV		2004 - 2006	08-0349
YFM 350FW	350	ATV		1989 - 1999	08-0349
YFM 350FX	350	ATV		1995 - 2005	08-0349
YFM 350R	350	ATV		2004 - 2009	08-0349
YFM 350U	350	ATV		1996 - 1999	08-0349
YFM 350X Warrior	350	ATV		1989 - 2004	08-0349
YZF 350	350	ATV		1987 - 2006	08-0026
WR 400F	400	Offroad		1998 - 2000	08-0160
YFM 400A	400	ATV		2000 - 2001	08-0349
YFM 400A	400	ATV		2003 - 2004	08-0349
YFM 400F	400	ATV		2000 - 2008	08-0349
YFM 400FA	400	ATV		2000 - 2006	08-0349
YFM 400FW	400	ATV		1993 - 1999	08-0349
YFM 400N	400	ATV		2000 - 2001	08-0349
YFM 400N	400	ATV		2003	08-0349
YFM 400P	400	ATV		2002	08-0349
YFM 400S	400	ATV		2004	08-0349
YZ 400F	400	Offroad		1998 - 1999	08-0026
WR 426F	426	Offroad		2001 - 2002	08-0160
YZ 426F	426	Offroad		2000 - 2002	08-0026
WR 450F	450	Offroad		2003	08-0386
WR 450F	450	Offroad		2004 - 2008	08-0390
YZF 450	450	ATV		2004 - 2009	08-0390
YZ 450F	450	Offroad		2003 - 2005	08-0026
YZ 450F	450	Offroad		2006 - 2008	08-0257

## YAMAHA FLYWHEEL PULLER REFERENCE CHARTS

MODEL	CC	TYPE	Foot Note	YEAR	F.P. P/N
SR 500	500	Street		1978 - 1981	08-0026
TT 500	500	Offroad		1976 - 1981	08-0026
XT 500	500	Dual Sport		1976 - 1981	08-0026
XJ 550	550	Street		1981 - 1983	08-0027
XJ 550R	550	Street		1981 - 1983	08-0027
FJ 600	600	Sportbike		1984 - 1985	08-0027
FZ 600	600	Sportbike		1986 - 1988	08-0027
FZR 600R	600	Sportbike		1989 - 1999	08-0027
XJ 650	650	Street		1980 - 1983	08-0027
XJ 650L	650	Street		1981	08-0027
XJ 650LK	650	Street		1982 - 1983	08-0027
XJ 650R	650	Street		1982	08-0027
YFM 660F	660	ATV		2002 - 2008	08-0349
YXR 660FA	660	UTV		2004 - 2007	08-0349
XJ 700	700	Street		1985 - 1986	08-0027
YFM 700R	700	ATV		2006 - 2008	08-0349
FZR 750R	750	Sportbike		1987 - 1988	08-0027
XJ 750R	750	Street		1981 - 1983	08-0027
XS 750	750	Street		1977 - 1979	08-0027
XS 750-2	750	Street		1977	08-0027
XS 750S	750	Street		1978 - 1979	08-0027
XS 850	850	Street		1980 - 1981	08-0027
XS 850L	850	Street		1980 - 1981	08-0027
XS 850S	850	Street		1980 - 1981	08-0027
XJ 900R	900	Street		1983	08-0027
FZR 1000	1000	Sportbike		1987 - 1995	08-0027
FJ 1100	1100	Sportbike		1984 - 1985	08-0027
XV 1600A	1600	Cruiser		1999 - 2002	08-0027
XV 1600AT	1600	Cruiser		1999 - 2001	08-0027
XV 1600ATS	1600	Cruiser		2000 - 2001	08-0027



### CRANKCASE SEPARATOR

- Will work on most 2 & 4-stroke engines with vertically split cases
- Movable fingers allow a multitude of bolt patterns to be used
- Included 6mm & 8mm mounting bolts
- Our unique design eliminates binding under heavy loads

**08-0245 Crankcase Separator**

#### Replacement Parts:

- 08-0245A 6mm Mounting Bolt, each
- 08-0245B 8mm Mounting Bolt, each
- 08-0245D 6mm Mounting Bolts (set of 3 each)
- 08-0245E 8mm Mounting Bolts (set of 3 each)

### FLYWHEEL PULLER/PRIMARY GEAR EXTRACTOR KTM 50

- Designed to remove the rotor and primary gear on 2002 - 2008 KTM 50
- Comes with 4mm, 5mm, and 6mm hardware
- Replaces OEM tool 59029021044

**08-0423 Flywheel Puller/Primary Gear Extractor KTM 50**



### PISTON PIN TOOL

- Aids in removing piston pins
- Fits all piston sizes from 40mm (1 5/8") to 100mm (4") and all piston pins from 12mm (1/2") to 25mm (1"), including all single-cylinder engines from 50cc to 600cc and all 2, 3, & 4-cylinder models
- Will not damage piston during removal

**08-0068 Piston Pin Tool**

- Tire Wheel Axle
- T-Handle & L-Handle
- Tool Kits
- Wrenches & Allen
- Chain & Belt Drive
- Tech Gear
- Bearing Tools & Pullers**
- Suspension
- Carburetor
- Ignition
- Upper Engine
- Lower Engine
- Fuel System
- Brake
- Snowmobile
- Accessories
- Hardware
- Cables
- Custom Cables
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- Tire Wheel Axle
- T-Handle & L-Handle
- Tool Kits
- Wrenches & Allen
- Chain & Belt Drive
- Tech Gear
- Bearing Tools & Pullers
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## NEW DELUXE SUSPENSION BEARING SERVICE TOOL

- Designed for quick and easy removal and precise installation of suspension linkage and swing arm pivot bearings
- Designed for use on 20 & 22 mm id bearings
- Fits most off-road motorcycles & ATV's
- Includes blind bearing collet for removal of 20 mm blind bearings (other sizes available)
- Kit includes Blind Bearing Puller Adapter (P/N C08-0294J), which can also be used as an accessory with the Motion Pro Blind Bearing Remover set (P/N 08-0292)
  - Anodized aluminum mandrels reduce the possibility of damaging bearing surfaces
  - Laser etched markings for easy size identification
  - Eliminates the need for a shop press
  - Protective blow-molded case for easy storage

08-0294 Deluxe Suspension Bearing Service Tool



## Uni-Sag™ TELESCOPIC SAG SCALE

- Simple one person sag setting tool
- Direct reading scale
- Adjustable for full size off-road and MX bikes
- Easy set up
- Will accommodate most hollow rear axles ranging from 9.7mm to 20.5mm inside diameter
- Attaches directly to rear seat bolt on all MX/off-road applications with M6x1.0 & M8x1.25 thread pitches
- Anodized aluminum body with laser engraved markings
- Includes custom blow molded carrying case
- Optional clamp P/N 08-0440 (not included) recommended for use on late model KTM

08-0406 Uni-Sag™ Telescopic Sag Scale  
08-0440 Optional Fender Clamp



## KTM HEIM JOINT TOOL

- Removes and replaces KTM Heim bearing (P/N 50304090044) or aftermarket equivalents
- Aligns Heim bearing for easy installation
- Built in stop correctly centers Heim bearing in swingarm
- Aligns and installs Heim bearing seals
- Ergonomic handle for a comfortable fit
- Blue anodized, laser engraved billet 6061-T6 construction
- Original Motion Pro design

08-0434 KTM Heim Joint Tool



08-0440  
Optional clamp allows attachment to fender (not included)

Carrying/storage case is included.

## FOLDING SAG SCALE

- 6061-T6 aluminum construction
- Rigid folding design fits in most tool boxes
- Direct reading scale (no subtracting required)
- Adjustable zero set point with extended range
- Will work on mini and full size motorcycles
- Inch and metric scale combination
- Can be used to check front or rear sag
- Extended length 28 1/4"
- Folded length 15 3/4"

08-0336 Folding Sag Scale



## SWINGARM BEARING TOOL

- Designed for installation of the swingarm bearings on late-model Japanese motorcycles
- Puller draws bearing into the swingarm
- Includes three drivers for use with common bearing sizes
- Kits includes driver sizes I.D. 20mm/O.D. 26mm, I.D. 21mm/O.D. 26mm and I.D. 22mm/O.D. 27mm

08-0213 Swingarm Bearing Tool



## ForkTRU™ FORK ALIGNMENT TOOL

- Quick and easy to use tool for aligning front forks to insure they are parallel from top to bottom
- Knurled adjustment screws for easy setup
- Reduces stiction and improves the performance of your front suspension
- Reduces seal and bushing wear
- Will work on 27mm - 62mm fork legs and tubes
- Works on forks that are 140mm to 220mm on center
- Patent pending



Aligning the top front folks



Aligning the bottom front folks

08-0412 ForkTRU™ Fork Alignment Tool

## 50mm WP Dual Chamber Fork Cap Wrench

- 50mm, 6pt box wrench for removing the fork cap (cartridge) on WP 4860 MXMA dual chamber closed cartridge (WP USD 48mm) forks on late-model KTM's

08-0428 50MM WP Dual Chamber Fork Cap Wrench

## 49mm Dual Chamber Fork Cap Wrench

- 49mm, 8pt box wrench for removing the fork cap (cartridge) on dual chamber closed cartridge forks on late-model Yamaha's

08-0429 49MM Dual Chamber Fork Cap Wrench

## Both Tools

- 12mm slot for holding the damper rod for removing the rebound bolt. This allows for the removal of the cartridge from the lower fork leg
- Made from billet 6061-T6 and anodized Motion Pro blue
- Laser engraved markings with Motion Pro logo
- Original Motion Pro design



## FORK CAP WRENCH

- For removing the fork caps on late-model RMs & CRs
- Can be used for removal of a compression stack on late-model RMs
- One end is 46mm, the other is 50mm

08-0236 Fork Cap Wrench



## Compression Bolt Removal Tool - WP 4860 MXMA CC

- For removing and installing the compression valve assembly from the fork cap
- Allows you to properly torque the compression valve assembly during installation
- 17mm hex head
- Made from billet 6061-T6 aluminum
- Anodized finish with laser engraving
- Fits 07-08 SX/F & 08 XC/F KTM

08-0436 Compression Bolt Removal Tool



## KTM FORK CAP REMOVER

- 22mm hex and 3/8" square drive
- This tool allows removal and replacement of the accessory fork cap KTM part# 48600074S
- The tool is slotted to allow removal and replacement of caps with the 11-0029 Pro Bleeder (see page 32)

08-0290 KTM Fork Cap Remover



MotoXXX Hoopers | Technician

Tire Wheel Axle
T-Handle & L-Handle
Tool Kits
Wrenches & Allen
Chain & Belt Drive
Tech Gear
Bearing Tools & Pullers
<b>Suspension</b>
Carburetor
Ignition
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## FORK COMPRESSION VALVE REMOVAL TOOL

- Replaces Yamaha OEM YM-01500
- For removing the compression valve from cartridge
- 19mm drive hex/36mm octagon
- Manufactured out of billet 6061-T6 aluminum



### Applications:

Kawasaki: KX 450F  
 Honda: CRF 450R  
 Yamaha: YZ 125/250 05-06,  
 YZ 250F/450F 06

**08-0373 Fork Compression Valve Removal Tool**



## FORK SEAL DRIVERS

- CAD-II plated carbon steel split design
- Each driver weighs approximately 25oz.
- Sold individually

- |                |                                   |
|----------------|-----------------------------------|
| <b>08-0221</b> | <b>35mm/36mm Fork Seal Driver</b> |
| <b>08-0170</b> | <b>39mm Fork Seal Driver</b>      |
| <b>08-0123</b> | <b>41mm Fork Seal Driver</b>      |
| <b>08-0124</b> | <b>43mm Fork Seal Driver</b>      |
| <b>08-0125</b> | <b>45mm Fork Seal Driver</b>      |
| <b>08-0138</b> | <b>46mm/47mm Fork Seal Driver</b> |
| <b>08-0331</b> | <b>48mm Fork Seal Driver</b>      |
| <b>08-0171</b> | <b>49mm/50mm Fork Seal Driver</b> |

## FORK SEAL BULLETS

- Protects the fork seal and wiper of inverted forks from damage by the bushing groove during installation
- Eliminates the need to wrap the fork tube with tape
- Set includes all 7 sizes
- Also available separately

- |                |                    |
|----------------|--------------------|
| <b>08-0272</b> | <b>Set of 7</b>    |
| <b>08-0273</b> | <b>36mm Red</b>    |
| <b>08-0274</b> | <b>41mm Blue</b>   |
| <b>08-0275</b> | <b>43mm Green</b>  |
| <b>08-0276</b> | <b>45mm Yellow</b> |
| <b>08-0277</b> | <b>46mm Black</b>  |
| <b>08-0278</b> | <b>47mm White</b>  |
| <b>08-0332</b> | <b>48mm Orange</b> |



## SEAL MATE™

- Don't replace another fork seal until you have tried the Seal Mate
- Easy way to keep your fork seals clean and debris free
- Extract dirt and debris trapped between fork seal and tube
- Will work on conventional and up-side down forks
- Available on a card of 12 (see page 76 dealer displays)

- |                |                                |
|----------------|--------------------------------|
| <b>08-0356</b> | <b>Seal Mate™ (card of 12)</b> |
| <b>08-0395</b> | <b>Seal Mate™ (each)</b>       |

## COMBO FORK DAMPER TOOL

- Designed to hold the damper rod during assembly & disassembly
- One end features spanner-type prongs and the other a 27mm hex
- Hardened steel with black finish

**08-0223 Combo Fork Damper Tool**



### Applications:

**Honda:** XR-400 '96-05, XR-650R '00-'07  
**Suzuki:** DRZ400 '00-'08, DRZ-400E '00-'07,  
 DRZ-400S '00-'08

## DAMPER ROD FORK TOOL

- Aids in assembly and disassembly of most 41, 43, 46 & 47mm Kayaba and Showa inverted forks
- Not required on the 91-92 Honda CR models
- Hardened steel with black finish

**08-0117 Damper Rod Fork Tool**



## FORK OIL LEVEL GAUGE

- For checking and adjusting the oil level on all conventional and inverted forks
- Adjustable ring will measure oil levels from 0-300mm in 0.5cm increments
- Syringe has a capacity of 60ml
- Can be used on bicycles equipped with front suspension

**08-0121 Fork Oil Level Gauge**

### Replacement Parts:

C08-121A Plunger seal for Fork Oil Level Gauge



## DAMPING ROD BLEED TOOL

- Tool design allows for effortless retrieval of damping rod after spring installation
- Perfect for working on Kayaba, Showa and WP inverted forks
- Rod is zinc plated with a knurled handle for a sure grip
- Rod includes covered bleed port to prevent oil splatter
- Four brass hex adapters are included (listed below)

**08-0337 Damping Rod Bleed Tool**

### Replacement Parts:

08-0353 Damping Rod (only)  
 08-0285 Brass Adapter M10 X 1.0  
 08-0346 Brass Adapter M12 X 1.0  
 08-0347 Brass Adapter M12 X 1.25  
 08-0352 Brass Adapter M14 X 1.0



## T-STEM NUT WRENCH

- Each wrench is model specific and allows for loosening of the T-Stem nut on late-model motocross bikes and some sportbike applications without removing the handlebars
- The opposite spanner end allows for adjustment of the T-Stem bearings on late-model motocross bikes without removing the triple clamps

**08-0232 T-Stem Nut Wrench fits most Honda's (32mm nut, 46mm spanner)**  
**08-0233 T-Stem Nut Wrench fits most Kawasaki's (32mm nut, 38mm spanner)**  
**08-0234 T-Stem Nut Wrench fits most Suzuki's (32mm nut, 42mm spanner, will not fit 2006 and later model RM)**  
**08-0235 T-Stem Nut Wrench fits most Yamaha's (30mm nut, 40mm spanner)**



## SHOCK WRENCH FOR HONDA MX /ATC

- Heat-treated alloy steel
- Fits Honda MX models and ATC 200/ 250R/ 350X
- Will fit 68 and 87mm spanner rings

**08-0029 Honda MX & ATC Shock Wrench**



## NITROGEN NEEDLE KIT

- Nitrogen needle is used to fill shocks with self-sealing rubber valves (some Yamaha, Fox & Ohlins)
- Can be used in conjunction with our Nitrogen Shock Gauge (08-0072)
- Instructions included
- Made in the U.S.A.
- Not available in NY, CT, IL, MA and RI

**08-0075 Nitrogen Needle Kit**

### Replacement Parts:

08-0B75 Replacement Needle



## NITROGEN SHOCK GAUGE AND FILLER

- 300 psi capacity
- Regulator and transfer hose required to get nitrogen from tank to nitrogen Shock Gauge and Filler
- Bleeder valve and T-handle plunger pin chuck
- Swivel chuck has a 12" flexible hose
- Instructions, carrying box and Schrader valve extension include (required on some Showa shocks)
- Made in the U.S.A.

**08-0072 Nitrogen Shock Gauge and Filler**

### Replacement Parts:

08-0132 Schrader Valve Extension



**FOR USE BY TRAINED PROFESSIONAL MECHANICS ONLY!  
 IMPROPER USE COULD RESULT IN GREAT BODILY INJURY OR DEATH.**

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Tool Kits
Wrenches & Allen
Chain & Belt Drive
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Bearing Tools & Pullers
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# SUSPENSION

## NITROGEN REGULATOR AND TRANSFER HOSE 6'

- Used to transfer nitrogen from the nitrogen bottle to the Nitrogen Shock Gauge and Filler (MP 08-0072)
- Nitrogen regulator allows you to regulate the nitrogen bottle pressure down to your shock filling pressure.
- Regulates output pressure up to 200 psi.
- 200 psi capacity hose



**08-0414 Nitrogen Regulator and Transfer Hose 6'**

## NITROGEN TRANSFER HOSE 6'

- Used to transfer nitrogen from a nitrogen regulator to the Nitrogen Shock Gauge and Filler (MP 08-0072)
- 200 psi capacity hose

**08-0413 Nitrogen Transfer Hose 6'**

## MOTION PRO SOFT JAW VERTICAL SUSPENSION VISE

Designed to make rebuilding suspension simple, quick and organized!

- Hold shocks and forks vertically while you change oil, re-valve or change seals
- Aluminum Soft Jaw vise holds cylindrically shaped parts utilizing a four point grip system
- Vise holds 39mm to 69mm diameter parts
- Vise insert set holds 14mm to 39mm diameter parts
- Frame with adjustable pegs is designed to hold clean parts for reassembly

### Includes:

Stand with vise, fork peg, slide bar, vise inserts, adjustable pegs and oil tray

**08-0391 Soft Jaw Vertical Suspension Vise**



## PRO BLEEDER™ FORK KIT

- Kit offers a lower profile to accommodate forward mount bar clamps
- Requires drilling, tapping and end milling of the fork caps
- Kit includes two Pro Bleeder valves, 5/16" -32 tap, 9/32" drill bit, washers and instructions (low-profile installed height of 3/8" or 9.5mm)
- Requires 7/16" end mill (not included)

**11-0028 Pro Bleeder Fork Kit**

## PRO BLEEDER™ - M5X0.8 KAYABA/SHOWA

- Easy to install — simply replace the OE bleeder screw with the Pro Bleeder
- Set includes two Pro Bleeder valves with adapters, O-rings & instructions (installed height of 7/8" or 22mm)
- Fits most Kayaba and Showa upside-down forks with OE bleeder screws (M5 x 0.8)
- Reduces harshness caused by air build-up
- Allows bleeding of air pressure without tools
- One of the easiest bolt-on upgrades you can make to your forks
- Fits most late model Japanese off-road motorcycles

**11-0027 Pro Bleeder Set**

**C11-027A Replacement Bleeder Valve (each)**



## PRO BLEEDER™ FOR KTM - M4X0.7 WITHOUT EXTERNAL PRELOAD ADJUSTMENT

- Kit includes bleeder valves and adapters for use on KTM fork caps, part number 4860.0020S and 4860.0020S1 as well as all WP 43 and 48mm fork caps without external spring preload adjustment
- Reduces harshness caused by air build-up
- Allows bleeding of air pressure without tools
- One of the easiest bolt-on upgrades you can make to your forks

**11-0031 Pro Bleeder Set (without external preload adjustment)**

**C11-027A Replacement Bleeder Valve (each)**



## PRO BLEEDER™ FOR KTM - M4X0.7 WP 4860 MXMA CC WITH EXTERNAL PRELOAD ADJUSTMENT

- For 2007-2008 KTM SX/ SXF/ XC /XCF
- Kit includes bleeder valves and adapters for use on KTM closed cartridge fork caps, part number 48600516S1, 4860.0074S and 4860.0075S fork caps with external spring preload adjustment
- Reduces harshness caused by air build-up
- Allows bleeding of air pressure without tools
- One of the easiest bolt-on upgrades you can make to your forks
- C11-027A Replacement Bleeder Valve (each)

**11-0053 Pro Bleeder Set (with external preload adjustment)**

**C11-027A Replacement Bleeder Valve (each)**



## BALL-JOINT SEPARATOR

- Will not damage the A-arm, ball-joint stud or rubber boots
- Complete with instructions

**08-0120 Ball-Joint Separator (Includes 08-0154)**

**08-0154 For retro fit of earlier tool**



### Designed to work on the following ATV models:

Honda: TRX250R 86-89, TRX250X 87-88/91-92, TRX250 Recon 97-01 & TRX300EX 93-01, TRX450R 04-07, TRX450ER 06-07

Yamaha: YZF350 87-06, YFZ450 04-06, YFM350X 87-04

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# SyncPRO™



**ENVIRONMENTALLY SAFE  
MERCURY FREE!**

SEE TECH TIPS AT [MOTIONPRO.COM](http://MOTIONPRO.COM)  
FOR HELPFUL INFORMATION ON  
USING THE SyncPRO™

## SyncPRO™ CARBURETOR TUNER

- Precise four channel vacuum indicator designed specifically for intake synchronization of engines with multiple carburetors or throttle bodies (max vacuum range 40cm Hg)
- New mercury-free design uses non toxic manometer fluid
- For use with any 2, 3 or 4 cylinder four stroke motorcycles
- Spill proof design means the tool can be stored in a horizontal or vertical position
- Easy to read scale for precise synchronization
- Unaffected by barometric pressure changes
- Includes hang hook to clip onto the handlebars for easy use
- Rugged, impact resistant ABS enclosure with convenient storage area for adapters
- Rubber feet on enclosure bottom helps prevent sliding
- Includes manometer fluid, hoses, 5mm adapters, in-line restrictors and instructions
- 5mm adapters are used on many Honda and Suzuki models
- Optional 6mm adapters are available for use on most Yamaha models
- Most Kawasaki models do not need adapters
- Patent Pending

### 08-0411 SyncPRO™

#### Replacement Parts:

- 08-0013 5mm brass adapters Honda/Suzuki (set of 4)
- 08-0014 Hose Set
- 08-0415 Manometer Fluid Refill
- 08-0426 Restrictor Jet 0.006" (set of 4)

#### Accessories:

- 08-0168 6mm short brass adapters (set of 4)
- 08-0040 6mm brass adapters Yamaha (set of 4)
- 08-0216 Vacuum Adapter: Santoprene 5mm
- 08-0217 Vacuum Adapter: Santoprene 6mm
- 08-0218 Vacuum Adapter: Brass w/Cap 5mm
- 08-0219 Vacuum Adapter: Brass w/Cap 6mm

08-0218  
5mm

08-0219  
6mm

08-0216  
5mm

08-0217  
6mm

08-0168

08-0040

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## DELUXE AUXILIARY TANK FOR FUEL-INJECTED SYSTEMS

- For use with new fuel-injected models with external fuel pumps as well as standard carburetor type motorcycles
- Upgraded petcock for easier opening and closing
- Built-in fuel return (for fuel-injected models) and breather on cap
- Graduated scale located on the side of bottle allows accurate measurement of fluid volume
- Includes 4 ft. of 1/4" fuel line
- Holds up to 2000cc or 1/2 gallon of fluid
- Tank can also be used for refilling transmission oil on some late model MX bikes
- Not designed for fuel storage

### 08-0189 Deluxe Auxiliary Tank for Fuel-Injected Systems

#### Replacement Parts:

C08-189B Replacement valve for 08-0189

## AUXILIARY TANK

- For use when tuning a motorcycle with the gas tank removed
- Includes 4 ft. of 1/4" fuel line and an 1/4" in-line fuel barb
- Use 08-0189 Deluxe Auxiliary Tank on fuel injected motorcycles
- Tank can also be used for refilling transmission oil on some late model MX bikes
- Holds up to 2000cc or 1/2- gallon of fluid
- Not designed for fuel storage
- Graduated scale located on the side of bottle allows accurate measurement of fluid volume

### 08-0032 Auxiliary Tank

#### Replacement Parts:

12-0046 Valve

## 90 DEGREE 1/4" HEX DRIVER

- Precision made of aircraft grade aluminum and stainless steel
- Designed for hard-to-reach air/fuel mixture screws on multi-cylinder motorcycles
- Gear driven 1/4" hex drive
- Includes five 1/4" hex drive bits (all 1/2" long) - Straight-slot, Phillips, D-shaped air/fuel mixture screw bit, 6mm hex jet bit & 1/4"-hex-to-1/4"-drive bit
- Can be used with any 1/4" or 6mm hex bits
- Strongest tool of its type on the market
- Max torque is 50 in. lbs.
- 17.5" long
- Replaceable drive gears
- Limited 1-year warranty
- C08-181B - 1 1/2" straight-slot bit available separately
- Replaces OEM Harley-Davidson® #HD-33413-A

### 08-0229 90 Degree 1/4" Hex Driver



#### Replacement Parts:

- 08-0240 Straight-Slot Bit
- 08-0241 Phillips
- 08-0242 D-Shaped
- 08-0243 6mm Hex
- 08-0244 1/4" Hex to 1/4" Drive
- 08-0246 Gear Set

#### Accessories

C08-181B 1 1/2" Straight-Slot Bit

08-0244 08-0242 08-0243 08-0241 08-0240



## PILOT SCREW ADJUSTING TOOL

- Designed for those hard-to-reach air/fuel mixture screws on most multi-cylinder motorcycles
- 110° angled head extends reach 1"
- Length is 17" with a straight-slot blade tip

### 08-0119 Pilot Screw Adjusting Tool



## CARB ADJUSTING TOOL

- Made from alloy steel
- Works with Mikuni or Keihin carburetors with an 8mm hex nut and screw driver slot adjusting bolt
- Length is 11"

### 08-0022 Carb Adjusting Tool



BRIAN J. NELSON



## T6™ FLOAT BOWL WRENCH

- Designed to remove 17mm float bowl drain plugs
- Perfect tool pack accessory (see page 19)
- Made from lightweight 6061-T6 Aluminum
- Compact design to carry in your tool pack
- 12-point hex and low profile design for tight access

08-0366 T6 Float Bowl Wrench



## MINI-T CARB TOOL

- Designed for on-the-trail jet changes
- Perfect tool pack accessory (see page 19)
- Includes #2 Phillips bit, #1 Straight-slot bit and 6mm hex socket
- Can store up to 3 main jets in handle
- Specifically designed with 4-strokes in mind, but will also work on many 2-stroke models

08-0136 Mini-T Carb Tool



Removable end caps

## FCR CARB TOOL

- Contains longer bits for reaching into recessed cavities to adjust Keihin FCR carburetors
- Ideal for trail riders and garage mechanics alike
- Includes 6mm hex for main jets, long-reach straight slot for pilot jets & a 3mm Allen for float bowl removal
- Cap compartment will hold a few spare main jets
- Perfect for any tool pack (see Motion Pro tool pack on page 19)

08-0181 FCR Carb Tool



## MAIN JET WRENCHES

- High-quality die-cast construction
- Available for round & hex jets
- Cap compartment will hold a few spare main jets

08-0023 6mm Hex  
08-0024 8mm Round  
08-0025 6mm Round



# IGNITION

## IGNITION SYSTEM TESTER

- Test the integrity and strength of your ignition system
- Spark gap is adjustable from 0 to 10mm
- The larger the gap your ignition will jump, the stronger your system is
- Will test the ignition on most motorcycles, watercraft, ATVs & snowmobiles

08-0122 Ignition System Tester



## 2-STROKE ADAPTER KIT FOR AIR-COOLED ENGINES

- Kit includes an extended thread adapter and dial indicator extension
- Allows Water-Cooled 2-Stroke Timing Kit (08-0250) to be used on air cooled engines

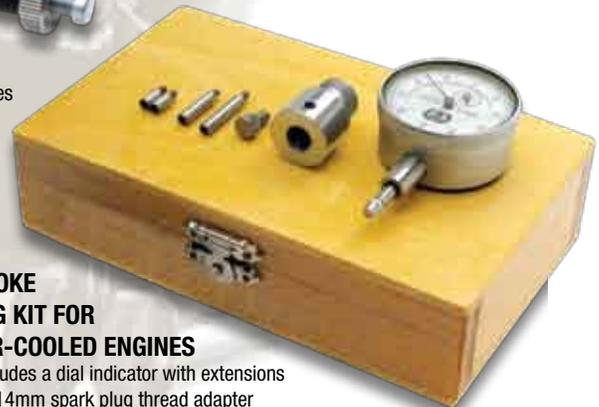
08-0249 2-Stroke Adapter Kit for Air-Cooled Engines



## 2-STROKE TIMING KIT FOR WATER-COOLED ENGINES

- Kit includes a dial indicator with extensions and a 14mm spark plug thread adapter
- Allows inspection and adjustment of ignition timing
- Designed to clear frame tubes on most recent water-cooled models
- Gauge face size 1 1/2"
- For air cooled use optional 2 stroke adapter (08-0249)

08-0250 2-Stroke Timing Kit for Water-Cooled Engines



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## TIMING PLUG WRENCH

- Fits the straight-slot timing plugs on most motorcycles and ATVs
- Blade sizes are 16mm (5/8"), 22mm (7/8") and 38mm (1 1/2")

**08-0087 Timing Plug Wrench**



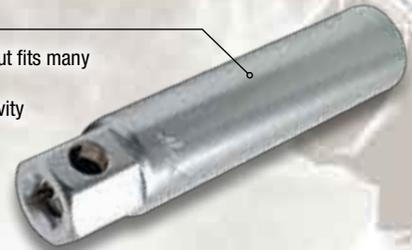
## RATCHET SPARK PLUG WRENCH

- Designed to fit in limited space on many water-cooled 2-stroke engines
- Ratchet mechanism works one way, turn over to reverse
- Fits standard 13/16" plugs
- Kit includes Ratcheting Spark Plug Wrench (08-0147) and 13/16" Extension Socket (08-0291)
- 13/16" Extension Socket (08-0291) allows the 08-0147 Ratchet Spark Plug Wrench to be used on recent models where the water neck prevents the use of the 08-0147 alone

**08-0318 Ratchet Spark Plug Wrench Kit (includes 08-0147 and 08-0291)**  
**08-0147 Ratchet Spark Plug Wrench**  
**08-0291 13/16" Extension Socket**

## 18MM SPARK PLUG SOCKET

- Originally designed for Honda XR400s as a trail tool but fits many models with 18mm plugs
- The thin wall socket is designed to fit into the plug cavity
- Can be driven with 3/8" ratchet, Motion Pro Ratchet Spark Plug Wrench, 13/16" wrench, tool kit bar or Phillips screwdriver



**08-0175 18mm Spark Plug Socket**

### Applications:

Honda: XR400R 96-04, XR500R 83-84, XR600R 92-00, XR650L 93-07, TRX300 88-91, TRX400EX 99-07, TRX400FW 96-99, TRX400ES 2000  
 Kawasaki: KLF400 93-96  
 KTM: 400SXC 2000, 620LC4 96-97, 620SX 97-98, 640 LC4 99,  
 Suzuki: LT160E 90-92  
 Yamaha: YFM250 99-05, YFM350X 86-88 & 90-99, YFM600, XT225 92-02, TT600 85

## NEW WIRE GAUGE SPARK PLUG GAPPING TOOL

- Wire gauge type gapping tool for precise measurement of electrode gap
- Six Standard Sizes - 0.025", 0.030", 0.034", 0.035", 0.040", 0.045"
- Six Metric Sizes - 0.64mm, 0.76mm, 0.86mm, 0.89mm, 1.02mm, 1.14mm
- Two electrode-adjusting tools
- Compact design

**08-0460 Wire Gauge Spark Plug Gapping Tool**



## 5/8" WATER-COOLED 4-STROKE SPARK PLUG TOOL

- Special thin wall design for water-cooled 4-strokes with 5/8" plugs
- Unique 2-step extension - Swivel or fixed
- Socket can be used with a screwdriver to hold the front 19mm hex axles on late-model 4-stroke motorcycles
- For use on KTM 4-strokes, DRZ400, CRF450R, YZ/WR400/426F, YZ250F, KLX300, DVX400 and more

**08-0239 5/8" Water-cooled 4-Stroke Spark Plug Tool**



## DEGREE WHEEL

- Manufactured from .052" thick aluminum with a 6 3/4" outside diameter and a 6mm center hole
- Black anodized finish with easy to read numbers
- Check or set ignition and/or cam timing
- May be used on 2 & 4-stroke engines

**08-0092 Degree Wheel**



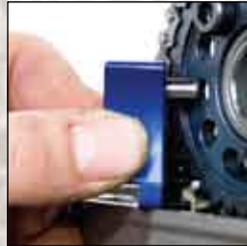
Red Bull KTM Off-Road | Taddy Blazutak

## CRF450 & TRX450 CAM GEAR HOLDER

- Allows you to easily torque the cam gear bolts on a 2002-2006 CRF450R/X & 2004-2008 TRX450R/ER without a second person
- Holds cam gear in place during removal and installation of cam gear bolts
- Works on stock and aftermarket CRF450R/X & TRX450R/ER cam gears
- Reduces stress on cam chain and adjuster
- Billet 6061-T6 aluminum construction with hardened steel pin
- Blue anodized finish with laser engraved Motion Pro logo
- A must have tool for anyone doing motor work on a CRF450R/X & TRX450R/ER
- Made in USA



08-0437 CRF450 & TRX450 Cam Gear Holder



## MULTI-VALVE TOOLS

- Used to install valve spring keepers
- Replaces the large clamp-type valve spring compressor
- The small tool is designed to fit the valves of 4 and 5 valve cylinder heads (5mm valve stem dia. or smaller)
- The large tool is designed to fit the valves on 4 and 5 valve cylinder heads (5.5mm valve stem dia. or larger) with under 40 lbs. seat pressure
- Will dramatically reduce the time necessary to replace valves in modern 16 to 20 valve heads
- Instructions included
- Made in U.S.A.



This tool dramatically reduces the time necessary to replace valves.



08-0165 Small Multi-Valve Tool

08-0166 Large Multi-Valve Tool

## VALVE SPRING COMPRESSOR

- Improved quick action design
- Replaces Honda tool 07757-0010000 and Kowa tool AKS-215-1010 OEM tools
- Accepts Motion Pro adapters (08-0248) as well as Honda OEM adapters 07GME-KT70200, 07JME-KY20100, and 07959-KM30101 for use in "shim under bucket" and small diameter valve spring keeper applications
- Both cup-type and ball-type tips are included

08-0247 Valve Spring Compressor



## QUICK-ACTION ADAPTER AND BORE PROTECTOR SET

- The set includes 3 adapters and 3 bore protectors for use with the Quick-Action Valve Spring Compressor (08-0247 above)
- Bore protector sizes: 20mm, 23mm, 26mm
- Adapter sizes: 18mm, 20mm, and 23mm
- 23mm bore protector can be used with the Small Multi-Valve Tool (08-0165 above) in "shim under bucket" applications
- Replaces Kowa tool 2K-07-S04, Honda tools 07GME-KT70200, 07GME-KT70100, 07JME-KY20100, 07JMG-KY20100, 07959-KM30101, and 07HMG-MR70002



08-0248 Adapter and Bore Protector Set



KINNEY JONES

Tire Wheel Axle
T-Handle & L-Handle
Tool Kits
Wrenches & Allen
Chain & Belt Drive
Tech Gear
Bearing Tools & Pullers
Suspension
Carburetor
Ignition
<b>Upper Engine</b>
Lower Engine
Fuel System
Brake
Snowmobile
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# UPPER ENGINE

## VALVE SHIM TOOLS

- For adjusting valve clearance on twin-cam models
- Holds valve spring bucket down so adjusting shims can be removed
- Manufactured from hardened alloy steel

### 08-0017 Valve Shim Tool for Suzuki/Yamaha

- Same design as the OEM tool, fits all Suzuki 4-stroke models with shim-type valve tappets
- Fits all Yamaha XJ600 Seca II models

### 08-0018 Valve Shim Tool for Honda

- Fits CB750 (ALL) 79-82, CB750SC 83, CB900C/F 80-82, CB1000C 83, CB1100F 83, CBX 79-82



## VALVE TOOL FOR YAMAHA

- Fits most DOHC, OEM Ref# YM-01245
- Will NOT Fit: XZ550, XVZ1200/1300, FJ1100/1200, XT250I or XT/TT350

### 08-0020 Valve Tool for Yamaha



## VALVE TOOL FOR KAWASAKI

- Fits all KZ 750/900/1000/1100/1300 models

### 08-0019 Valve Tool for Kawasaki



## TAPPET TOOL SET

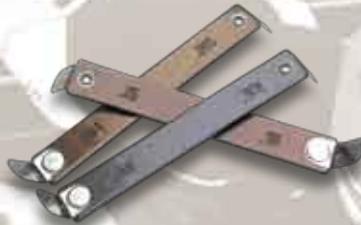
- Heat treated and chrome plated for durability
- Set includes three wrenches, 8, 9 & 10mm and three adjusters: screw type and 3 & 4mm square-type
- Interchange adjusters and wrenches for nine different combinations
- Fits most motorcycles and ATVs with screw-type tappet adjusters

### 08-0073 Tappet Tool Set

## TAPPET FEELER GAUGES

- Allows accurate tappet adjustments
- Angled blade for easy access to tappets
- Makes valve adjustments quick and easy
- Made in the U.S.A.

- 08-0052 Sizes .002-.003 in. (Card of 6)
- 08-0053 Sizes .004-.005 in. (Card of 6)
- 08-0054 Sizes .006-.008 in. (Card of 6)
- 08-0392 Sizes .002-.003 in. (each)
- 08-0393 Sizes .004-.005 in. (each)
- 08-0394 Sizes .006-.008 in. (each)
- 08-0055 Mixed Set (2 of each size/Card of 6)



BRIAN J. NELSON

## TAPPET FEELER GAUGE/SPARK PLUG GAP TOOL FOR KTM

- For checking intake and exhaust valve clearance (0.12 mm/0.005 in.)
- For checking the spark plug gap (0.6 mm/0.024 in.)
- Angled and tapered blade for easy access
- Makes valve and spark plug gap adjustments quick and easy
- Will fit all 02-05 KTM 250/450/525 4-strokes

- 08-0378 Tappet Feeler Gauge / Spark Plug Gap Tool (Card of 6)
- 08-0398 Tappet Feeler Gauge / Spark Plug Gap Tool (each)



## TORQUE WRENCH ADAPTER

- Chrome-vanadium tool steel with hard nickel pewter finish
- Properly torque two-stroke cylinder base nuts and hard-to-reach fasteners
- Fits 12 and 14mm nuts and bolts
- Extends the reach of any 3/8"- drive torque wrench by 3"
- Chart supplied for torque conversions
- Check owners manual for proper torque specifications

### 08-0134 Torque Wrench Adapter



- Tire Wheel Axle
- T-Handle & L-Handle
- Tool Kits
- Wrenches & Allen
- Chain & Belt Drive
- Tech Gear
- Bearing Tools & Pullers
- Suspension
- Carburetor
- Ignition
- Upper Engine
- Lower Engine
- Fuel System
- Brake
- Snowmobile
- Accessories
- Hardware
- Cables
- Custom Cables
- Controls
- V-Twin
- Promotional
- Dealer Displays
- Reference Chart
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## ADJUSTABLE TORQUE WRENCH ADAPTOR

- Torque any fastener with a combination wrench or Allen wrench
- Will work with 6mm (1/4") through 19mm (3/4") combination wrenches
- Will work with 6mm through 8mm Allen wrenches
- Heat-treated steel with a black oxide finish
- 3/8" square drive is rated for a maximum torque of 90 ft-lbs

**08-0380 Adjustable Torque Wrench Adaptor**



## PISTON PIN TOOL

- Aids in removing piston pins
- Fits all piston sizes from 40mm (1 5/8") to 100mm (4") and all piston pins from 12mm (1/2") to 25mm (1"), including all single-cylinder engines from 50cc to 600cc and all 2, 3, & 4-cylinder models
- Will not damage piston during removal

**08-0068 Piston Pin Tool**



## 2-STROKE LEAK DOWN TESTER

- Designed to check for air leaks in 2-stroke engines
- Includes air pressure gauge, pump-up bulb and most fittings and adapters for single and twin cylinder 2-stroke motorcycle engines
- Packed in a convenient carry box, complete with instructions
- Made in the U.S.A.

**08-0071 2-Stroke Leak Down Tester**



VISIT THE TECH PAGE ON OUR WEB SITE FOR  
DETAILS ON HOW TO USE LEAK DOWN TESTERS [WWW.MOTIONPRO.COM](http://WWW.MOTIONPRO.COM)



KWS Motorsports Technician

### Replacement parts:

- 08-126X 10mm Hose
- 08-126Y 12mm Hose
- 08-126Z 14mm Hose



## 4-STROKE LEAK DOWN TESTER

- Designed to check the amount of cylinder leakage in a 4-stroke engine
- With an air source of 70 to 160 psi., this system will pressurize the cylinder with 60 psi. of air
- Gauge will register the total percentage of leakage past the rings, head gasket, intake and exhaust valves
- 10, 12, & 14mm spark plug thread hoses, regulator and gauge included
- Speeds up troubleshooting & helps to isolate bad components
- Packed in a convenient carry box, complete with instructions

**08-0126 4-Stroke Leak Down Tester**

## COMPRESSION TESTER

- Designed to check cylinder compression
- Contains hoses for 10, 12 & 14mm spark plug applications
- Features a quick disconnect with a pressure release valve and a 300 psi. gauge
- Packed in a convenient carry box, complete with instructions

**08-0188 Compression Tester**

### Replacement parts:

- 08-126X 10mm Hose
- 08-126Y 12mm Hose
- 08-126Z 14mm Hose
- C08-188A Sniffer Valve (one required per hose)



Tire Wheel Axle
T-Handle & L-Handle
Tool Kits
Wrenches & Allen
Chain & Belt Drive
Tech Gear
Bearing Tools & Pullers
Suspension
Carburetor
Ignition
<b>Upper Engine</b>
Lower Engine
Fuel System
Brake
Snowmobile
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# UPPER ENGINE

- Tire Wheel Axle
- T-Handle & L-Handle
- Tool Kits
- Wrenches & Allen
- Chain & Belt Drive
- Tech Gear
- Bearing Tools & Pullers
- Suspension
- Carburetor
- Ignition
- Upper Engine**
- Lower Engine**
- Fuel System
- Brake
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- Accessories
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- Cables
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## SPRING HOOKS

- Used to remove exhaust pipe springs, seat or tank holding springs, cotter pins, side stand springs and other parts

- 08-0065 Standard Spring Hook
- 08-0127 Heavy Duty Spring Hook

## STUD INSTALLATION TOOLS

- Will install cylinder studs on most motorcycles
- Hex head is 3/4" or 19mm
- Sold individually and in a set with three metric sizes
- Black oxide finish

- 08-0149 M6 X 1.00 Stud Tool
- 08-0150 M8 X 1.25 Stud Tool
- 08-0151 M10 X 1.25 Stud Tool
- 08-0152 Set of 3



# LOWER ENGINE

## ROTOR AND SPROCKET HOLDER

- Keeps flywheels, rotors and sprockets from rotating during removal and installation
- Holds sprockets and rotors with holes center to center at a minimum distance of 13mm and a maximum distance of 230mm
- Features 5 and 9mm pins
- Adjustable stop-screw keeps tool open at set distance

- 08-0270 Rotor and Sprocket Holder



## CLUTCH HOLDING TOOL

- Made from medium carbon steel with hardened jaws
- Hold clutch hubs, flywheels, gears, sprockets, etc.
- Features 8mm spanner pins
- Jaws open up to 5" wide
- Recommended for square tooth style clutch hubs
- Not recommended for v-groove or half round style clutch hubs

- 08-0008 Clutch Holding Tool



## GearJammer™

- Locks gears in place for easy installation and removal
- Allows tightening lock nuts to proper torque setting
- Works on virtually any motor
- Powerful magnet holds tool in place during use
- Billet 6061-T6 aluminum construction
- Blue anodized finish with laser engraved Motion Pro logo
- Originally developed for removing and installing the primary gear on a Honda CRF 450
- Not for use with impact guns
- Original Motion Pro design
- Patent pending

- 08-0427 GearJammer™



## CRANKCASE SEPARATOR

- Will work on most 2 & 4-stroke engines with vertically split cases
- Movable fingers allow a multitude of bolt patterns to be used
- Included 6mm & 8mm mounting bolts
- Our unique design eliminates binding under heavy loads

### 08-0245 Crankcase Separator

#### Replacement Parts:

- 08-0245A 6mm Mounting Bolt, each
- 08-0245B 8mm Mounting Bolt, each
- 08-0245D 6mm Mounting Bolts (set of 3 each)
- 08-0245E 8mm Mounting Bolts (set of 3 each)



## TIMING PLUG WRENCH

- Fits the straight-slot timing plugs on most motorcycles and ATVs
- Blade sizes are 16mm (5/8"), 22mm (7/8") and 38mm (1 1/2")

### 08-0087 Timing Plug Wrench



## OIL FILTER & CLUTCH HUB SPANNER FOR HONDA

- Made of heat-treated steel
- Use with a 3/8" driver
- Inside diameter is 24mm
- Designed to fit oil filter & clutch hub on many Honda models (single and twin-cylinder machines)
- Fits: most pre-78 CB, CL, CT, SL & XL models, XR200 80-84, XR200R 81-94, XR250L 91-94, XR250R 86-94 & GL1000 75-77
- Replaces large end of 07716-0020100 OEM tool

### 08-0015 Oil Filter & Clutch Hub Spanner for Honda



## COUNTER BALANCER & CLUTCH HUB SPANNER FOR HONDA

- Replaces 20mm end of Honda OEM tool 07716-0020100
- Used to remove Honda OEM nut 90231-KY4-900
- 4-Pin spanner made of heat-treated steel
- Inside diameter is 20mm
- Use with a 3/8" driver

#### Fits Counter Balancer Nut on:

CRF450R 02-06, CRF450X 05

#### Fits Clutch Hub Nut on:

PC50 69-70, Z50 68-99, S65 65-69

#### Fits Crank Shaft Nut on:

CA100 (Trail 50) 61-62, CA102 62-69, CA105 (Trail 50) 63-65, CA110 62-69

### 08-0385 Counter Balancer & Clutch Hub Spanner for Honda



## OIL FILTER REMOVAL TOOL

- For easy removal of recessed KTM oil filters
- Conical point screw to pierce and grab sheet metal end cap
- Contoured handle for secure grip
- Not for use on reusable filters

### 08-0400 Oil Filter Removal Tool



## OIL FILTER STRAP WRENCH

- Fits all spin-on type oil filters
- Use with 3/8" drive ratchet or extension
- Can also be used to hold other cylindrically shaped parts
- Maximum strap diameter 125mm (5 inches)

### 08-0069 Oil Filter Strap Wrench



## SPIN-ON OIL FILTER WRENCH

- Especially designed for use on Honda V-type engines
- Will fit many Japanese brand motorcycles with 80mm diameter oil filters
- Can torque filter to factory specifications
- Use with a 3/8" drive ratchet or extension

### 08-0016 Spin-on Oil Filter Wrench



## ALLEN EXTENSION

- 5mm allen on 3/8" drive extension for hard to reach case bolts
- Designed for use with air tools
- Great for splitting engine cases
- 6 1/4" long

### 08-0184 Allen Extension

Tire Wheel Axle
T-Handle & L-Handle
Tool Kits
Wrenches & Allen
Chain & Belt Drive
Tech Gear
Bearing Tools & Pullers
Suspension
Carburetor
Ignition
Upper Engine
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# FUEL SYSTEM



## MOTION PRO® PREMIUM FUEL LINE

- Our best quality fuel line
- Stronger and more durable than vinyl fuel line
- Use with any type of gasoline
- Resists swelling and hardening
- Resistant to direct sunlight, hardening and/or cracking
- Flexible in temperatures from -35F to +165F
- Fuel line stretches easily over fittings or petcocks
- 3' sections or 25' rolls
- Made in the U.S.A.

### 25' rolls

Gray	Black	Clear	I.D.	O.D.
12-0031	12-0040	12-0043	3/16" (5mm)	5/16" (8mm)
12-0032	12-0041	12-0044	1/4" (6mm)	7/16" (11mm)
12-0033	12-0042	12-0045	5/16" (8mm)	1/2" (12.5mm)

### 3' rolls

Gray	Black	Clear	I.D.	O.D.
12-0049	12-0050	12-0051	3/16" (5mm)	5/16" (8mm)
12-0052	12-0053	12-0054	1/4" (6mm)	7/16" (11mm)
12-0055	12-0056	12-0057	5/16" (8mm)	1/2" (12.5mm)



3' roll  
Motion Pro Premium Fuel Line



Suzuki Sports | Terren O'dell



**NOT FOR USE WITH FUEL-INJECTED MODELS**



3' roll  
Clear PVC Fuel Line

3' roll  
Braided Vinyl Fuel Line

## CLEAR PVC FUEL LINE

- Constructed of plasticized PVC
- Soft flexible tubing
- Safe to use with any type of gasoline or alcohol type fuel
- Smooth hard bore helps prevent interior build up
- 3' sections or 25' rolls
- Made in the U.S.A.

### 25' rolls

	I.D.	O.D.
12-0000	1/8" (3mm)	1/4" (6mm)
12-0001	3/16" (5mm)	5/16" (8mm)
12-0002	1/4" (6mm)	7/16" (11mm)
12-0003	5/16" (8mm)	1/2" (12.5mm)
12-0004	3/8" (10mm)	9/16" (14mm)

### 3' rolls

12-0062	1/8" (3mm)	1/4" (6mm)
12-0063	3/16" (5mm)	5/16" (8mm)
12-0064	1/4" (6mm)	7/16" (11mm)
12-0065	5/16" (8mm)	1/2" (12.5mm)
12-0066	3/8" (10mm)	9/16" (14mm)



## BRAIDED VINYL FUEL LINE

- Nylon-reinforced vinyl fuel line
- Braided nylon within the wall gives added strength
- Recommended where higher pressure is involved
- Outstanding appearance for custom fuel lines
- 3' sections or 25' rolls
- Made in the U.S.A.

### 25' rolls

	I.D.	O.D.
12-0009	3/16" (5mm)	3/8" (10mm)
12-0010	1/4" (6mm)	1/2" (12.5mm)
12-0011	5/16" (8mm)	9/16" (14mm)
12-0012	3/8" (10mm)	5/8" (16mm)

### 3' rolls

12-0058	3/16" (5mm)	3/8" (10mm)
12-0059	1/4" (6mm)	1/2" (12.5mm)
12-0060	5/16" (8mm)	9/16" (14mm)
12-0061	3/8" (10mm)	5/8" (16mm)



**NOT FOR USE WITH FUEL-INJECTED MODELS**

## MOTION PRO LP (LOW PERMEATION) PREMIUM FUEL LINE

- Our new "low permeation" fuel line meets the 2008 C.A.R.B. and EPA fuel line permeation standards for motorcycles, ATV, Snowmobiles, PWC, and small engines
- Available in 1/4" and 5/16" ID
- Flexible and kink resistant
- Gray color



25' rolls			3' rolls		
	I.D.	O.D.		I.D.	O.D.
12-0068	1/4" (6mm)	3/8" (10mm)	12-0071	1/4" (6mm)	3/8" (10mm)
12-0069	5/16" (8mm)	7/16" (11mm)	12-0072	5/16" (8mm)	7/16" (11mm)



### HOSE SHEARS

- Scissor-action cutter
- Cuts Motion Pro fuel line and small diameter PVC tubing
- Replaceable, Teflon®-coated tool steel blades
- Blades can be re-sharpened

12-0013 Hose Shears

Replacement parts:

12-0A13 Blades

### FUEL LINE FITTINGS KIT

- Contains a wide selection of Y and T fittings, hose clamps, O-clips and O-clip Pincher Tool
- Sizes from 3/16" - 3/8"
- ABS plastic case
- Replacements available in packs of 10 are listed below
- Ideal for the shop or home mechanic



12-0034 Fittings Kit

Includes:

12-0014	3/16" Y-Connector	(10 pcs.)
12-0015	1/4" Y-Connector	(10 pcs.)
12-0016	5/16" Y-Connector	(10 pcs.)
12-0017	3/8" Y-Connector	(10 pcs.)
12-0018	3/16" T-Connector	(10 pcs.)
12-0019	1/4" T-Connector	(10 pcs.)
12-0020	5/16" T-Connector	(10 pcs.)
12-0021	3/8" T-Connector	(10 pcs.)
12-0022	1/4" Hose Clamps	(10 pcs.)
12-0023	3/8" Hose Clamps	(10 pcs.)
12-0024	O-clip Pincher Tool	(1)
12-0025	5/16" O-Clips	(10 pcs.)
12-0026	7/16" O-Clips	(10 pcs.)
12-0027	1/2" O-Clips	(10 pcs.)
12-0028	9/16" O-Clips	(10 pcs.)

### STEEL O-CLIP PINCHER TOOL

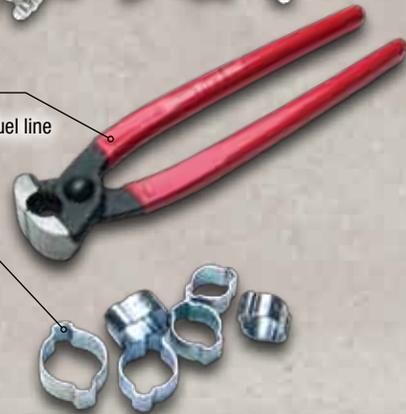
- Used to install O-clips on Motion Pro fuel line

12-0024 O-Clip Pincher Tool

### STEEL O-CLIPS

- Sold in packs of 10

12-0025	5/16" O-Clip Pincher Clips
12-0026	7/16" O-Clip Pincher Clips
12-0027	1/2" O-Clip Pincher Clips
12-0028	9/16" O-Clip Pincher Clips



### NEW STEPLESS® EAR CLAMPS

- 360 degree Stepless® design with no gaps on inner surface
- Narrow band provides concentrated seal compression
- Specially formed strip edges reduce the risk of damage to the part being clamped
- Lightweight design
- Tampering is visible
- Sold in packs of 10
- 12-0074 fits all Motion Pro fuel line with 3/16 inch ID,
- 12-0075 fits Motion Pro Premium fuel line with 1/4 inch ID,
- 12-0076 fits Motion Pro Clear Vinyl fuel line with 1/4 inch ID, 12-0077 fits all Motion Pro fuel line with 5/16 inch ID, 12-0078 fits all Motion Pro fuel line with 3/8 inch ID



12-0074	Stepless® Ear Clamp, for 3/16 inch ID hose, pk 10
12-0075	Stepless® Ear Clamp, for 1/4 inch ID hose, 10.3 mm to 12.8 mm, pk 10 (Fits Motion Pro Premium fuel line with 1/4" I.D.)
12-0076	Stepless® Ear Clamp, 1/4 inch ID hose, 10.8 mm to 13.3 mm, pk 10 (Fits Motion Pro clear and Braided fuel line with 1/4" I.D.)
12-0077	Stepless® Ear Clamp, 5/16 inch ID hose, pk 10
12-0078	Stepless® Ear Clamp, 3/8 inch ID hose, pk 10

### NEW SIDE JAW PINCHER TOOL

- Used to install Stepless® Ear Clamps
- Side jaw design for use where space is restricted

12-0073 Side Jaw Pincher Tool



- Tire Wheel Axle
- T-Handle & L-Handle
- Tool Kits
- Wrenches & Allen
- Chain & Belt Drive
- Tech Gear
- Bearing Tools & Pullers
- Suspension
- Carburetor
- Ignition
- Upper Engine
- Lower Engine
- Fuel System**
- Brake
- Snowmobile
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# FUEL SYSTEM

## QUICK-DISCONNECT COUPLINGS

- Single or dual shut-off valves
- When connected fuel will flow & when disconnected fuel will not flow
- Use Dual shut-off for fuel tanks equipped with a cross-over line
- For fuel supply (fuel tank to carburetor), use our original Quick-Disconnect Couplings with the single shut-off valve
- Available for 1/4" & 5/16" I.D. fuel line
- Capable of withstanding temperatures of -40°F to 180°F
- Made in the U.S.A.



## QUICK-DISCONNECT COUPLINGS

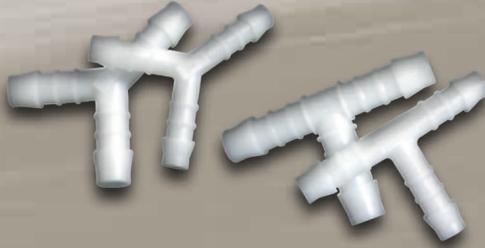
- Straight thru no shut off
- Available for 1/4" & 5/16" I.D. fuel line
- Capable of withstanding temperatures of -40°F - 180°F

- 12-0029** Single Shut-Off - for 1/4" I.D. fuel line  
**12-0030** Single Shut-Off - for 5/16" I.D. fuel line  
**12-0037** Dual Shut-Off - for 1/4" I.D. fuel line  
**12-0038** Dual Shut-Off - for 5/16" I.D. fuel line  
**12-029A** Replacement O-Ring - 1/4"  
**12-030A** Replacement O-Ring - 5/16"

- 12-0047** Straight-Thru -for 5/16" I.D. fuel line (no shut-off)  
**12-0048** Straight-Thru -for 1/4" I.D. fuel line (no shut-off)

## Y AND T CONNECTORS

- White fuel-resistant plastic (Acetal)
- Fitting used to run two hoses into one
- May be used with O-Clips or hose clamps
- Sold in packs of 10



Y	T	Hose Size
12-0014	12-0018	3/16" I.D.
12-0015	12-0019	1/4" I.D.
12-0016	12-0020	5/16" I.D.
12-0017	12-0021	3/8" I.D.



12-0035      12-0036      12-0039      12-0046      08-0038

## INLINE FUEL VALVES

- The Motion Pro Inline Fuel Valves are ideal for use on ATVs or other vehicles where an in-line fuel petcock is necessary
- 08-0038 is not recommended for engines over 200cc
- 12-0035 & 12-0036 are not recommended for engines over 300cc
- 12-0039 features 1/4" Pipe Thread on one end & a 1/4" barb on the other
- 12-0046 is a replacement valve for 08-0032 Auxiliary Tank (see page 34)

- 08-0038** In-line Fuel Valve for 3/16" I.D. fuel line  
**12-0035** In-line Fuel Valve for 1/4" I.D. fuel line  
**12-0036** In-line Fuel Valve for 5/16" I.D. fuel line  
**12-0039** Fuel Valve - 1/4" Pipe Thread & 1/4" Barb  
**12-0046** In-line Fuel Valve 1/4" Barb X 5/16" Barb

## STAINLESS STEEL HOSE CLAMPS

- Made of corrosion-resistant stainless steel
- Conventional-type worm drive hose clamps
- 1/4" hex head with screwdriver slot
- Sold in packs of 10

- 12-0022** for 1/4" - 5/8" Hose  
**12-0023** for 7/16" - 25/32" Hose



- Tire Wheel Axle
- T-Handle & L-Handle
- Tool Kits
- Wrenches & Allen
- Chain & Belt Drive
- Tech Gear
- Bearing Tools & Pullers
- Suspension
- Carburetor
- Ignition
- Upper Engine
- Lower Engine
- Fuel System**
- Brake
- Snowmobile
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- Hardware
- Cables
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## RFI™ REVERSE FLUID INJECTION

Reverse Fluid Injection or RFI™ injects fluid at the low point, the slave bleeder valves. RFI™ takes advantage of the “laws of physics”: air rises in fluid. The complete system is bled by forcing the air up and out the master cylinder reservoir. The brake fluid then fills the reservoir.

## MAXI-JECT PRO™

The Maxi-Ject PRO™ is a fine instrument specifically designed to address the bleeding requirements of complex hydraulic systems. The Maxi-Ject PRO™ is in a class by itself with precision machined steel plunger assembly, die-cast aluminum handle and body, shielded barrel, O-ringed steel nozzle with screw-on support collar and injection molded check valves. The lever-action handle reduces hand force and doubles potential injection pressure. Full-range adjustable metering allows fine-tuning for special applications. This injector is especially useful when used on intricate hydraulic systems. The Maxi-Ject PRO™ can develop 150 psi. of injection pressure with a 15ml. injection dosage. It's modular construction interfaces with its various adapters and accessories. It's the best! Comes with its own carrying case and the universal CAPADAP™ cap adapter.

- Heavy-duty construction
- Adjustable injection stroke
- Controllable injection pressure
- Adjustable spring tension
- Rebuildable
- Ergonomic design
- Lever action handle
- RFI™ technology
- Automatic refill

08-0215 Maxi-Ject PRO™



## V-12 INJECTOR™

The V-12 Injector™ is designed to economically perform RFI™ (Reverse Fluid Injection), vacuum/pressure bleeding and master cylinder bench bleeding. The small piston diameter provides high hydraulic advantage. The V-12 can develop 120 psi while maintaining a comfortable hand force. The function of the V-12 Injector™ is identical to our other more expensive Maxi-Ject PRO™. Fluid is injected through the nozzle when the injector handle is depressed. When the handle is released, the injector automatically refills the barrel from a remote fluid source. The modular design of the V-12 allows the injector to be easily utilized for vacuum, pressure and RFI™ bleeding. The handle and body are made of high-strength Zytel® (glass-reinforced nylon) which imparts metal-like strength while remaining light-weight. The V-12 ergonomic design is compact and comfortable to use. Comes with it's own carrying case and the universal CAPADAP™ cap adapter.

- 12 ml/injection stroke
- Clutch & brake applications
- High hydraulic advantage
- Ergonomic design
- Full modular capabilities
- Zytel® body
- Rebuildable
- Adjustable injection stroke
- RFI™ technology

08-0214 V-12 Injector™



## D.I.Y. BRAKE AND CLUTCH BLEDER

- Handle and body are made of high-strength Zytel® (glass-reinforced nylon)
- 10 ml. of fluid per injection stroke
- RFI™ technology
- Ergonomic design is compact and comfortable to use
- Affordable to the individual technician or enthusiast
- Includes adapters to fit most brake systems and brake fluid cans
- Compatible with all brake fluids
- Main body colors may vary

08-0316 D.I.Y. Brake and Clutch Bleeder



Corona Extra Honda Racing | Technician

Tire
Wheel
Axle
T-Handle & L-Handle
Tool Kits
Wrenches & Allen
Chain & Belt Drive
Tech Gear
Bearing Tools & Pullers
Suspension
Carburetor
Ignition
Upper Engine
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All Access Husqvarna | Mokey Dymond

- Tire Wheel Axle
- T-Handle & L-Handle
- Tool Kits
- Wrenches & Allen
- Chain & Belt Drive
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- Bearing Tools & Pullers
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## EASY BLEED - HYDRAULIC BRAKE BLEEDER

- Makes bleeding your brakes a one-person job
- Instructions included
- Made in the U.S.A.
- Will not bleed air from a dry system

**08-0143 Hydraulic Brake Bleeder**



## MASTER CYLINDER SNAP-RING PLIERS

- Allows removal of internal snap rings used in hydraulic master cylinders
- Replaces Honda tool 07914-SA50001 and Kowa tool AKS-316-2010
- Can be used to remove and replace small to medium internal snap rings up to 50mm deep, including those used for transmission gear locating, bearing retention, and oil seal retention
- Applicable to some fork seal retaining rings

**08-0279 Master Cylinder Snap-Ring Pliers**



## WING NUT SOCKET SET

- Set includes large & small 3/8" drive Wing Nut Sockets
- Designed to remove over-tightened or stuck wing nuts
- Ideal for use on brake cables & rods
- Can be used with air tools
- Makes removing wing nuts easier and may save them from damage during removal

**08-0224 Wing Nut Socket Set**



## SNAP RING PLIERS

- Economical pliers that easily work with both inside and outside opening snap rings or clips
- Includes three extra sets of tips, one additional straight tip and two offset angled tips

**08-0186 Snap Ring Pliers**



(2) 180° tips

(2) 45° tips

# SNOWMOBILE

## SNOWMOBILE TRACK CUTTING TOOL

- Reduces stud installation time by half when used in conjunction with the P/N 08-0431 Stud Installation Tool
- Consistently cuts precise, straight non-tapered hole in the track, free of ragged edges to reduce stud pullout
- Produces consistent and proper interference fit between studs and track to reduce stud pullout
- Eliminates risk of damage to the undercarriage or bogie wheels caused by conventional plug cutters inadvertently plunging through the track
- No power tools needed for track or field installations
- Long wearing Acme thread only requires a couple turns of the handle to cut a hole in the track
- Handle tube conveniently stores up to 150 track plugs for easy disposal
- A small hole in the handle tube allows an air nozzle to be used to remove stubborn track plugs
- Replaceable heat treated 3/8" (9.5 mm) diameter steel cutter
- Cutter stop can be turned over and replaced when worn out
- Cutaway section on body surrounding Acme thread provides unobstructed view of stud locating marks placed on the track
- Ergonomically designed T-Handle
- Sturdy zinc plated steel construction will provide years of service



Product in use.



### 08-0430 Snowmobile Track Cutting Tool

#### Replacement parts:

- 08-0441 Plug Cutter
- 08-0442 Cutter Stop

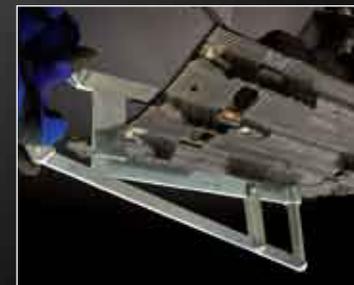
## SNOWMOBILE STUD INSTALLATION TOOL

- Reduces stud installation time by half or more when used in conjunction with the P/N 08-0430 Track Cutting Tool
- No more blisters caused by pushing the stud through the track by hand
- Works with studs with a head diameter up to 1 1/4" (32mm), thread size up to 15/32" (12 mm), and length up to 2 3/16" (56mm)
- Can reach 8 1/4" (210mm) from the edge of the track (a bit more than half-way across a standard track)
- Sturdy zinc plated steel construction will provide years of service

### 08-0431 Snowmobile Stud Installation Tool



Product in use.



Product in use.

Tire  
Wheel  
Axle

T-Handle &  
L-Handle

Tool Kits

Wrenches  
& Allen

Chain &  
Belt Drive

Tech Gear

Bearing Tools  
& Pullers

Suspension

Carburetor

Ignition

Upper  
Engine

Lower  
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# ACCESSORIES



## CABLE LUBE

- An exclusive formula developed by Motion Pro® to provide the smoothest operation and longest cable life
- Ideal for use with Motion Pro Cable Luber 08-0182 (see page 61)
- Special blend of Redline® synthetic lubricants and rust inhibitors keeps your cables working smoothly in any weather condition from hot to cold, wet or dry
- Depending on riding conditions, it is recommended to lube your cables between every ride or every other ride
- Not the cheapest, but designed to be the best



Now with Redline® synthetic blend

**15-0001 Cable Lube (case of 6)**

**15-0002 Cable Lube (1 can)**

## SWIVEL HEAD CHROME CABLE CLAMPS

- Unique two-piece design allows easy installation
- Swivel head design allows more natural cable routing without excessive binding
- Polished chrome finish and innovative single-bolt clamp gives a clean custom look
- Clamp kits available to fit 1", 1-1/8", 1-1/4", and 1-1/2" frame sizes in either single or dual cable holder configuration

Include Allen wrench



**11-0041 Single Cable 1 1/4" (w/rubber sleeve) - 1 1/2" (w/o rubber sleeve)**

**11-0042 Dual Cable 1 1/4" (w/rubber sleeve) - 1 1/2" (w/o rubber sleeve)**

**11-0043 Single Cable 1" (w/rubber sleeve) - 1 1/8" (w/o rubber sleeve)**

**11-0044 Dual Cable 1" (w/rubber sleeve) - 1 1/8" (w/o rubber sleeve)**

**11-0045 Rubber Sleeve 1.25"**

**11-0046 Rubber Sleeve 1"**

**11-0049 Single Cable Holder 15/64", 9/32", 5/16" & 11/32"**

**11-0050 Dual Cable Holder 15/64", 9/32", 5/16" & 11/32"**

## LEVERMATE™

**Don't Break It... Rotate it with LeverMate™**

- Helps prevent the accidental breakage of control levers, perches and master cylinders
- Allows rotation of perch and master cylinder assemblies flexible fiberglass reinforced Teflon® coated sleeve
- Can be installed on most OEM and aftermarket perches and master cylinders
- Easy installation
- Each pack comes with enough material for two bar clamps (perch or master cylinder)
- See Dealer Displays pages 74-76



**08-0422 LeverMate™ (each)**

**08-0418 LeverMate™ (card of 12)**

## PRO BLEEDER™ FORK KIT

- Kit offers a lower profile to accommodate forward mount bar clamps
- Requires drilling, tapping and end milling of the fork caps
- Kit includes two Pro Bleeder valves, 5/16" -32 tap, 9/32" drill bit, washers and instructions (low-profile installed height of 3/8" or 9.5mm)
- Requires 7/16" end mill (not included)

**11-0028 Pro Bleeder Fork Kit**

## PRO BLEEDER™ - M5X0.8 KAYABA/SHOWA

- Easy to install — simply replace the OE bleeder screw with the Pro Bleeder
- Set includes two Pro Bleeder valves with adapters, O-rings & instructions (installed height of 7/8" or 22mm)
- Fits most Kayaba and Showa upside-down forks with OE bleeder screws (M5 x 0.8)
- Reduces harshness caused by air build-up
- Allows bleeding of air pressure without tools
- One of the easiest bolt-on upgrades you can make to your forks
- Fits most late model Japanese off-road motorcycles



**11-0027 Pro Bleeder Set**

**C11-027A Replacement Bleeder Valve (each)**

## PRO BLEEDER™ FOR KTM - M4X0.7 WP 4860 MXMA CC WITH EXTERNAL PRELOAD ADJUSTMENT

**• For 2007-2008 KTM SX/ SXF/ XC/ XCF**

- Kit includes bleeder valves and adapters for use on KTM closed cartridge fork caps, part number 48600516S1, 4860.0074S and 4860.0075S fork caps with external spring preload adjustment
- Reduces harshness caused by air build-up
- Allows bleeding of air pressure without tools
- One of the easiest bolt-on upgrades you can make to your forks
- C11-027A Replacement Bleeder Valve (each)



**11-0053 Pro Bleeder Set (with external preload adjustment)**

**C11-027A Replacement Bleeder Valve (each)**

## PRO BLEEDER™ FOR KTM - M4X0.7 WITHOUT EXTERNAL PRELOAD ADJUSTMENT

- Kit includes bleeder valves and adapters for use on KTM fork caps, part number 4860.0020S and 4860.0020S1 as well as all WP 43 and 48mm fork caps without external spring preload adjustment
- Reduces harshness caused by air build-up
- Allows bleeding of air pressure without tools
- One of the easiest bolt-on upgrades you can make to your forks

**11-0031 Pro Bleeder Set (without external preload adjustment)**  
**C11-027A Replacement Bleeder Valve (each)**



## BATTERY OVERFLOW CATCH TANK

- Prevents battery acid overflow onto chrome or painted surfaces while still providing proper venting
- May be mounted anywhere near battery, along frame rail
- High-impact plastic catch 3/4" dia. x 4" length
- Includes cable ties and tubing

**11-0007 Battery Overflow Catch Tank**



## COOLANT RECOVERY SYSTEM

- Prevents loss of coolant due to overheating
- Works on most off-road water-cooled motorcycles, snowmobiles and ATVs
- Designed for hot weather and/or high-altitude riding conditions
- Mounts to frame or behind number plate
- Includes 8 oz. bottle, hoses, clamps, mounting strap and instructions
- Coolant recovery systems are required by most closed circuit tracks

**11-0025 Coolant Recovery System**



## BATTERY BOOSTER CABLE SET

- Conveniently sized for motorcycle to motorcycle jump start
- Five feet in length
- Heavy-duty alligator clips and are color-coded red and black
- Conductor wire is firmly soldered to clamp for durability and reliability

**11-0014 Battery Booster Cable Set**



## D.O.T. TAIL PLATE AND LIGHT

- D.O.T. approved for use in all 50 states
- Durable Lexan light assembly
- Attaches to the rubber license plate holder
- Perfect for dual-sport conversions
- 12-volt light bulb included
- Made in the U.S.A.

**08-0034 D.O.T. Tail plate and Light**  
**08-0035 Rubber Plate (only)**  
**08-0036 Lens (only)**  
**08-0037 Taillight (only)**



17-0001  
30lb. max

17-0002  
40lb. max

17-0003  
50lb. max



## MAGNETIC PARTS DISH

- All-purpose magnetic dish is ideal for keeping track of loose fasteners and other small parts
- Attaches magnetically to any steel surface
- Measures 5" in diameter and is 1" deep

**08-0156 Magnetic Parts Dish**

## MOTOGrip™ TRAINER

**Don't let your grip slip away, use MotoGrip™ Trainer!**

- Strengthen grip and forearm muscles anywhere – your car, desk, walking, etc.
- Helpful for all forms of riding: MX, Off-Road, trail, ATV, road and snowmobile
- When routinely used in 3 sets of 30 to 100 reps, MotoGrip™ Trainer noticeably improves finger-hand-forearm strength and endurance
- Built for high repetition endurance training
- Available in three different resistance levels 30, 40 and 50lbs max resistance
- See Dealer Displays page 76

**17-0001 MotoGrip™ Trainer - Green (30lb. max. resistance)**  
**17-0002 MotoGrip™ Trainer - Black (40lb. max. resistance)**  
**17-0003 MotoGrip™ Trainer - Red (50lb. max. resistance)**



## PEDAL ANCHOR KIT

- Prevents brake pedal from catching on berms, branches, rocks, etc.
- Includes 3 cables, 3 special crimp fittings and 12" of 1/8" clear PVC
- Made in the U.S.A.

**11-0008 Pedal Anchor Kit**



- Tire Wheel Axle
- T-Handle & L-Handle
- Tool Kits
- Wrenches & Allen
- Chain & Belt Drive
- Tech Gear
- Bearing Tools & Pullers
- Suspension
- Carburetor
- Ignition
- Upper Engine
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# ACCESSORIES

- Tire Wheel Axle
- T-Handle & L-Handle
- Tool Kits
- Wrenches & Allen
- Chain & Belt Drive
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## HELMET LOCKS

- Clamps securely to any round tube bar with one way mounting screws
- Black and chrome for 7/8" and chrome only for 1" - 1 1/8"
- Helmet rings lock in place with solid tubular lock
- Sold individually

- 11-0005 Chrome (fits 7/8" bar)
- 11-0006 Black (fits 7/8")
- 11-0013 Chrome (fits 1", 1 1/8" and 1 1/4" bar)

# HARDWARE



## OFF-ROAD HARDWARE KIT

- 170 pieces
- Kits contain a selection of nuts, bolts & washers most commonly needed for trail or off-road repair
- Covers body pieces to kick starter bolts
- Compact kit (11 1/2" X 8") can be easily stowed in your car, truck, trailer or toolbox

### 33-1100 Off-Road Hardware Kit

#### Includes 10 of each:

- |                    |                     |                    |
|--------------------|---------------------|--------------------|
| 8mm Flange Nuts    | 8mm Nylock Nuts     | 6mm Nylock Nuts    |
| 6mm Hex Nuts       | 8mm Hex Nuts        | 8mm Fuji Nuts      |
| 6mm Flat Washers   | 8mm Flat Washers    | 6 X 16 Pan Head    |
| 10mm Flat Washers  | 6mm Fender Washers  | 6 X 30 Pan Head    |
| 6 X 25 Allen Bolts | 6 X 16 Flange Bolts | 8 X 30 Flange Bolt |
| 8 X 30 Allen Bolts | 8 X 16 Flange Bolts |                    |

## TOOL PACK HARDWARE KITS

- This 22 piece kit contains nuts, bolts and washers most commonly needed for Off-Road/MX repairs
- Designed for modern Off-Road, MX and Dual Sport motorcycles
- Developed to carry in any tool pack for trail side repairs
- See Motion Pro tool pack on page 19
- See page 75 for dealer displays

#### Includes 2 of each:

Description	Typical Uses
6mm Flange Nut	fenders
10mm Flange Nut	cylinder, kick starter
Flat Washer 6mm	fender, side panels, misc.
8mm Flange Nut	motor mount, exhaust mount
8X16 Flange Bolt	seat bolt
6mm Fender Washer	fender, side panel, misc.
8mm Flat Washer	fender, side panel, misc.
26X16 Flange Bolt	radiator, radiator shroud, air box, Kawasaki seat bolt
6mm Lock Nut	levers
6X20 Flange Bolt	side panels
6X20 Pan Screw	lever perches

- 33-1201 Tool Pack Hardware Kit - Zinc finish (each)
- 33-1301 Tool Pack Hardware Kit - OE green (each)



33-1301  
OE Green Finish

33-1201  
Zinc Finish

## CHROME LICENSE PLATE FRAME HARDWARE

- Dress up your license plate frame with our Chrome Hardware

- 33-1000 Chrome License Plate Hardware



REPLACEMENT HARDWARE IS AVAILABLE IN PACKS OF 10 SEE PAGE 51.

## METRIC HARDWARE KITS

• Kits feature grade 5 hardware with zinc finish, sold in an adjustable-selection box measuring 13 1/2" x 9 1/4"

### 33-0000 WASHER HARDWARE KIT (ZINC)

Includes 10 of each:

4mm Flat Washer	12mm Flat Washer	10mm Lock Washer
5mm Flat Washer	4mm Lock Washers	12mm Lock Washer
6mm Flat Washer	5mm Lock Washer	6mm Fender Washer
8mm Flat Washer	6mm Lock Washer	8mm Fender Washer
10mm Flat Washer	8mm Lock Washer	

### 33-0100 METRIC NUT HARDWARE KIT (ZINC)

Includes 10 of each:

5mm Nut	8mm Nylock Nut	8mm Fuji Lock Nut
6mm Nut	10mm Nylock Nut	10mm Fuji Lock Nut
8mm Nut	5mm Flange Nut	12mm Fuji Lock Nut
10mm Nut	6mm Flange Nut	5mm Acorn Low Dome
12mm Nut	8mm Flange Nut	6mm Acorn Low Dome
4mm Nylock Nut	10mm Flange Nut	8mm Acorn Low Dome
5mm Nylock Nut	12mm Flange Nut	10mm Acorn Low Dome
6mm Nylock Nut	6mm Fuji Lock Nut	12mm Acorn Low Dome

### 33-0200 METRIC HEX BOLT HARDWARE KIT (ZINC)

Includes 10 of each:

6 X 10 Bolt	6 X 45 Bolt	8 X 45 Bolt	10 X 45 Bolt
6 X 15 Bolt	6 X 50 Bolt	8 X 50 Bolt	10 X 50 Bolt
6 X 20 Bolt	8 X 10 Bolt	10 X 20 Bolt	
6 X 25 Bolt	8 X 25 Bolt	10 X 25 Bolt	
6 X 30 Bolt	8 X 30 Bolt	10 X 30 Bolt	
6 X 35 Bolt	8 X 35 Bolt	10 X 35 Bolt	
6 X 40 Bolt	8 X 40 Bolt	10 X 40 Bolt	

### 33-0300 FLANGE HEAD BOLTS HARDWARE KIT (ZINC)

### 33-0310 FLANGE HEAD BOLTS HARDWARE KIT (OE GREEN)

Includes 10 of each:

6 X 10 Flange Bolt	6 X 35 Flange Bolt	8 X 25 Flange Bolt
6 X 16 Flange Bolt	6 X 40 Flange Bolt	8 X 30 Flange Bolt
6 X 20 Flange Bolt	6 X 45 Flange Bolt	8 X 35 Flange Bolt
6 X 25 Flange Bolt	8 X 16 Flange Bolt	8 X 40 Flange Bolt
6 X 30 Flange Bolt	8 X 20 Flange Bolt	8 X 50 Flange Bolt

### 33-0400 ALLEN BOLT HARDWARE KIT (ZINC)

Includes 10 of each:

6 X 10 Allen	6 X 35 Allen	6 X 65 Allen	8 X 40 Allen
6 X 12 Allen	6 X 40 Allen	6 X 70 Allen	8 X 45 Allen
6 X 18 Allen	6 X 45 Allen	8 X 20 Allen	
6 X 20 Allen	6 X 50 Allen	8 X 25 Allen	
6 X 25 Allen	6 X 55 Allen	8 X 30 Allen	
6 X 30 Allen	6 X 60 Allen	8 X 35 Allen	

### 33-0500 PAN HEAD SCREWS HARDWARE KIT (ZINC)

Includes 10 of each:

5 X 10 Pan Head Screws	6 X 8 Pan Head Screws	6 X 35 Pan Head Screws
5 X 12 Pan Head Screws	6 X 12 Pan Head Screws	6 X 40 Pan Head Screws
5 X 16 Pan Head Screws	6 X 16 Pan Head Screws	6 X 45 Pan Head Screws
5 X 20 Pan Head Screws	6 X 20 Pan Head Screws	6 X 50 Pan Head Screws
5 X 25 Pan Head Screws	6 X 25 Pan Head Screws	6 X 55 Pan Head Screws
5 X 30 Pan Head Screws	6 X 30 Pan Head Screws	6 X 60 Pan Head Screws



Tire  
Wheel  
Axle

T-Handle &  
L-Handle

Tool Kits

Wrenches  
& Allen

Chain &  
Belt Drive

Tech Gear

Bearing Tools  
& Pullers

Suspension

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# HARDWARE

## METRIC KIT REPLACEMENT HARDWARE

- All the metric nuts, bolts & washers necessary to stock your parts department
- All sold in Packs of 10

Tire Wheel Axle
T-Handle & L-Handle
Tool Kits
Wrenches & Allen
Chain & Belt Drive
Tech Gear
Bearing Tools & Pullers
Suspension
Carburetor
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Part#	Description	Finish	Head Size
31-1610	Bolt, Flange M6x10	Zinc	(8mm)
31-1616	Bolt, Flange M6x16	Zinc	(8mm)
31-1620	Bolt, Flange M6x20	Zinc	(8mm)
31-1625	Bolt, Flange M6x25	Zinc	(8mm)
31-1630	Bolt, Flange M6x30	Zinc	(8mm)
31-1635	Bolt, Flange M6x35	Zinc	(8mm)
31-1640	Bolt, Flange M6x40	Zinc	(8mm)
31-1645	Bolt, Flange M6x45	Zinc	(8mm)
31-1816	Bolt, Flange M8x16	Zinc	(10mm)
31-1820	Bolt, Flange M8x20	Zinc	(10mm)
31-1825	Bolt, Flange M8x25	Zinc	(10mm)
31-1830	Bolt, Flange M8x30	Zinc	(10mm)
31-1835	Bolt, Flange M8x35	Zinc	(10mm)
31-1840	Bolt, Flange M8x40	Zinc	(10mm)
31-1850	Bolt, Flange M8x50	Zinc	(10mm)
32-1610	Bolt, Flange M6x10	OE Green	(8mm)
32-1616	Bolt, Flange M6x16	OE Green	(8mm)
31-1620	Bolt, Flange M6x20	OE Green	(8mm)
32-1625	Bolt, Flange M6x25	OE Green	(8mm)
32-1630	Bolt, Flange M6x30	OE Green	(8mm)
32-1635	Bolt, Flange M6x35	OE Green	(8mm)
32-1640	Bolt, Flange M6x40	OE Green	(8mm)
32-1645	Bolt, Flange M6x45	OE Green	(8mm)
32-1816	Bolt, Flange M8x16	OE Green	(10mm)
32-1820	Bolt, Flange M8x20	OE Green	(10mm)
32-1825	Bolt, Flange M8x25	OE Green	(10mm)
32-1830	Bolt, Flange M8x30	OE Green	(10mm)
32-1835	Bolt, Flange M8x35	OE Green	(10mm)
32-1840	Bolt, Flange M8x40	OE Green	(10mm)
32-1850	Bolt, Flange M8x50	OE Green	(10mm)
31-0520	Bolt, M5x20	Zinc	(8mm)
31-0525	Bolt, M5x25	Zinc	(8mm)
31-0530	Bolt, M5x30	Zinc	(8mm)
31-0610	Bolt, M6x10	Zinc	(10mm)
31-0615	Bolt, M6x15	Zinc	(10mm)
31-0620	Bolt, M6x20	Zinc	(10mm)
31-0625	Bolt, M6x25	Zinc	(10mm)
31-0630	Bolt, M6x30	Zinc	(10mm)
31-0635	Bolt, M6x35	Zinc	(10mm)
31-0640	Bolt, M6x40	Zinc	(10mm)
31-0645	Bolt, M6x45	Zinc	(10mm)
31-0650	Bolt, M6x50	Zinc	(10mm)
31-0415	Bolt, M4x15	Zinc	(12mm)
31-0420	Bolt, M4x20	Zinc	(12mm)
31-0425	Bolt, M4x25	Zinc	(12mm)
31-0810	Bolt, M8x10	Zinc	(12mm)
31-0815	Bolt, M8x15	Zinc	(12mm)
31-0820	Bolt, M8x20	Zinc	(12mm)
31-0825	Bolt, M8x25	Zinc	(12mm)
31-0830	Bolt, M8x30	Zinc	(12mm)
31-0835	Bolt, M8x35	Zinc	(12mm)
31-0840	Bolt, M8x40	Zinc	(12mm)
31-0845	Bolt, M8x45	Zinc	(12mm)
31-0850	Bolt, M8x50	Zinc	(12mm)
31-1020	Bolt, M10x20	Zinc	(14mm)
31-1025	Bolt, M10x25	Zinc	(14mm)
31-1030	Bolt, M10x30	Zinc	(14mm)
31-1035	Bolt, M10x35	Zinc	(14mm)
31-1040	Bolt, M10x40	Zinc	(14mm)
31-1045	Bolt, M10x45	Zinc	(14mm)
31-1050	Bolt, M10x50	Zinc	(14mm)
31-1220	Bolt, M12x20	Zinc	(17mm)
31-1230	Bolt, M12x30	Zinc	(17mm)
30-0005	Nut, 5mm	Zinc	(8mm)
30-0006	Nut, 6mm	Zinc	(10mm)
30-0008	Nut, 8mm	Zinc	(12mm)
30-0010	Nut, 10mm	Zinc	(14mm)
30-0012	Nut, 12mm	Zinc	(17mm)
30-0306	Nut, Fuji-lock 6mm	Zinc	(10mm)
30-0308	Nut, Fuji-lock 8mm	Zinc	(13mm)
30-0310	Nut, Fuji-lock 10mm	Zinc	(17mm)

Part#	Description	Finish	Head Size
30-0312	Nut, Fuji-lock 12mm	Zinc	(19mm)
30-0105	Nut, Flange 5mm	Zinc	(8mm)
30-0106	Nut, Flange 6mm	Zinc	(10mm)
30-0108	Nut, Flange 8mm	Zinc	(12mm)
30-0110	Nut, Flange 10mm	Zinc	(14mm)
30-0112	Nut, Flange 12mm	Zinc	(17mm)
30-0405	Nut, Acorn 5mm	Zinc	(8mm)
30-0406	Nut, Acorn 6mm	Zinc	(10mm)
30-0408	Nut, Acorn 8mm	Zinc	(13mm)
30-0410	Nut, Acorn 10mm	Zinc	(14mm)
30-0412	Nut, Acorn 12mm	Zinc	(17mm)
30-0204	Nut, Nylock 4mm	Zinc	(7mm)
30-0205	Nut, Nylock 5mm	Zinc	(8mm)
30-0206	Nut, Nylock 6mm	Zinc	(10mm)
30-0208	Nut, Nylock 8mm	Zinc	(13mm)
30-0210	Nut, Nylock 10mm	Zinc	(14mm)
31-2820	Screw, Allen head M8x20	Zinc	
31-2825	Screw, Allen head M8x25	Zinc	
31-2830	Screw, Allen head M8x30	Zinc	
31-2835	Screw, Allen head M8x35	Zinc	
31-2840	Screw, Allen head M8x40	Zinc	
31-2845	Screw, Allen head M8x45	Zinc	
31-2610	Screw, Allen head M6x10	Zinc	
31-2612	Screw, Allen head M6x12	Zinc	
31-2616	Screw, Allen head M6x16	Zinc	
31-2618	Screw, Allen head M6x18	Zinc	
31-2620	Screw, Allen head M6x20	Zinc	
31-2625	Screw, Allen head M6x25	Zinc	
31-2630	Screw, Allen head M6x30	Zinc	
31-2635	Screw, Allen head M6x35	Zinc	
31-2640	Screw, Allen head M6x40	Zinc	
31-2645	Screw, Allen head M6x45	Zinc	
31-2650	Screw, Allen head M6x50	Zinc	
31-2655	Screw, Allen head M6x55	Zinc	
31-2660	Screw, Allen head M6x60	Zinc	
31-2665	Screw, Allen head M6x65	Zinc	
31-2670	Screw, Allen head M6x70	Zinc	
31-3608	Screw, Pan head M6x8	Zinc	
31-3612	Screw, Pan head M6x12	Zinc	
31-3616	Screw, Pan head M6x16	Zinc	
31-3618	Screw, Pan head M6x18	Zinc	
31-3620	Screw, Pan head M6x20	Zinc	
31-3625	Screw, Pan head M6x25	Zinc	
31-3630	Screw, Pan head M6x30	Zinc	
31-3635	Screw, Pan head M6x35	Zinc	
31-3640	Screw, Pan head M6x40	Zinc	
31-3645	Screw, Pan head M6x45	Zinc	
31-3650	Screw, Pan head M6x50	Zinc	
31-3655	Screw, Pan head M6x55	Zinc	
31-3660	Screw, Pan head M6x60	Zinc	
31-3510	Screw, Pan head M5x10	Zinc	
31-3512	Screw, Pan head M5x12	Zinc	
31-3516	Screw, Pan head M5x16	Zinc	
31-3520	Screw, Pan head M5x20	Zinc	
31-3525	Screw, Pan head M5x25	Zinc	
31-3530	Screw, Pan head M5x30	Zinc	
30-2004	Washer, Lock	Zinc	(4mm)
30-2005	Washer, Lock	Zinc	(5mm)
30-2006	Washer, Lock	Zinc	(6mm)
30-2008	Washer, Lock	Zinc	(8mm)
30-2010	Washer, Lock	Zinc	(10mm)
30-2012	Washer, Lock	Zinc	(12mm)
30-3625	Washer, Fender	Zinc	(6mm)
30-3825	Washer, Fender	Zinc	(8mm)
30-1004	Washer, Flat	Zinc	(4mm)
30-1005	Washer, Flat	Zinc	(5mm)
30-1006	Washer, Flat	Zinc	(6mm)
30-1008	Washer, Flat	Zinc	(8mm)
30-1010	Washer, Flat	Zinc	(10mm)
30-1012	Washer, Flat	Zinc	(12mm)



SEE [MOTIONPRO.COM](http://MOTIONPRO.COM) FOR APPLICATIONS.

## OFF-ROAD AND STREET T2 PERFORMANCE CABLES

### Clutch Cables

- Gray T2 “longitudinally-wound” housing
- Longitudinally-wound clutch cables won’t compress and feel mushy under heavy loads
- Smooth and precise clutch operation
- Longitudinally-wound clutch cables have proven their superiority in the demanding sports of supercross, motocross, off-road and dirt track competition

### Throttle Cables

- Gray T2 roll tempered-steel “coil-wound” 6mm housing with 1.5mm inner wire for strength and durability
- Designed for specific sportbike and MX/off-road applications to insure quality fitment
- Kits (clutch and throttle cable) available for most popular sportbike and MX/off-road models



## OE STYLE REPLACEMENT STANDARD VINYL CABLES

- Meet or exceed O.E. quality.
- Featuring a rolled tempered-steel wire housing
- Made to exact inner and outer specifications to insure correct clearances for the inner wire
- All cables have an inner nylon sleeve for longer life and smooth operation

## AC BRAIDED STAINLESS STEEL CABLES

Dress your metric cruiser up with a set of Motion Pro® Armor Coat™ braided stainless steel cables. Armor Coat™ cables feature a crystal-clear protective coating to protect the finish on your motorcycle and preserve the radiance of the braided stainlesssteel housings. Extensively tested to resist the effects of the sun’s UV rays. Our Armor Coat™ stainless steel cables will not dull or discolor.



## SPEEDO PICK-UP HARNESS FOR KTM

- Durable metal pick-up
- Direct replacement of digital meter sensor pick-up
- No special tools required
- For all years of Sigma 500 digital meters for KTM

- 10-0103 replaces KTM OEM#583.14.069.251 ('03-'06)
- 10-0104 replaces KTM OEM#583.14.069.151 ('98-'02)
- 10-0108 replaces KTM OEM#548.14.068.000 ('05) and 548.14.068.100 ('06)



## UNIVERSAL SPEEDO CABLE KITS

- Offered in two lengths: 50” for standard applications and 92” for extended-length applications
- Replaces most speedometer cable inner wire (0.125”)
- Includes tips and tools to finish the cable

- 01-0107 50” Speedo Cable Kit
- 01-0112 92” Speedo Cable Kit (custom /snowmobile)

## HEAT

### SHRINK TUBING

- Clear heat-shrink tubing
- Prevents cable from scratching painted or chrome surfaces
- Bulk tubing in 10-foot roll for complete cable coverage
- Made in the U.S.A.

- 11-0019 3/8” dia. X 10’ Roll
- 11-0020 1/2” dia. X 10’ Roll
- 11-0021 5/8” dia. X 10’ Roll

Tire Wheel Axle
T-Handle & L-Handle
Tool Kits
Wrenches & Allen
Chain & Belt Drive
Tech Gear
Bearing Tools & Pullers
Suspension
Carburetor
Ignition
Upper Engine
Lower Engine
Fuel System
Brake
Snowmobile
Accessories
Hardware
<b>Cables</b>
Custom Cables
Controls
V-Twin
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Dealer Displays
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# CUSTOM CABLES



Can't find cables for your special project bike or custom build? Let the Motion Pro Custom Cable Shop build what you need. We stock a full range of fittings, housing types and diameters and inner wire sizes to make any cable.

- Made in any of our housing materials (see below)
- Premium chrome fittings
- Made in the U.S.A.

Competitive prices, fast turn-around-time (usually 5-7 days) and professional quality service are the hallmarks of the Motion Pro Custom Cable Shop. Give us a call for all your custom cable needs! See the *Custom Cables* section of our web site for more information on ordering custom cables. The following is some of the information we will need to make your custom cable order.

Email: [cables@motionpro.com](mailto:cables@motionpro.com) • Phone: 650-594-9600 • Fax: 650-594-9610

## ORDERING CUSTOM CABLES

### IDENTIFYING CABLES

- Year, make and model of machine
- Carburetor
- Throttle type
- Special routing
- Handle bar modifications
- Describe cable specifications in sufficient detail for us to build the cable you want
- Send cable for us to duplicate (indicate modifications if needed in +/- size)
- Specify housing type Armor Coat™, Argent™, Blackout™, black vinyl OE replacement or T2™

### SENDING DRAWINGS

Include the following information if you send a drawing:

- Housing length (with in-line adjuster fully turned in if cable has in-line adjuster)
- Free length
- Inner cable diameter
- Inner cable bottom fitting (ball, barrel, dimensions)
- Inner cable top fitting (ball, barrel, dimensions)
- Housing outer diameter
- Housing in-line adjuster (y/n) Note: If yes, length of usable travel and specify location of in line adjuster (distance from top of housing)
- Housing bottom fitting type - straight or angled (if angled specify degree of bend) and thread diameter and pitch
- Housing bottom fitting type: straight or angled (if angled specify degree of bend) and thread diameter and pitch

### MOTION PRO CABLE HOUSING



**AC**  
ARMOR COAT

**Argent**  
CABLES

**BLACKOUT**  
CABLES

**BLACK VINYL**  
OE REPLACEMENT



## CUSTOM CABLE EXPEDITE PROGRAM

- All expedite requests are subject to review to determine if we can expedite the order
- There will be an expedite fee of \$25.00 for the first cable and \$5.00 for each additional cable, excluding any shipping cost (3-Day, 2nd Day or Next Day Air)
- Cables will be made and shipped the following business day if the order is received before 1:30 p.m. (PST) If placed after 1:30 p.m. (PST), order will ship two business days after the day the order is received



SEE [MOTIONPRO.COM](http://MOTIONPRO.COM) FOR MORE INFORMATION ON CUSTOM CABLES.

## PRICING

- Pricing for custom cables will depend on the cable type (clutch, throttle, speedo), cable length, and the type of housing you want
- For a quote: Please call or e-mail our custom cable department at [cables@MotionPro.com](mailto:cables@MotionPro.com)
- For more detailed pricing information please visit [MotionPro.com](http://MotionPro.com) or call us at 650-594-9600

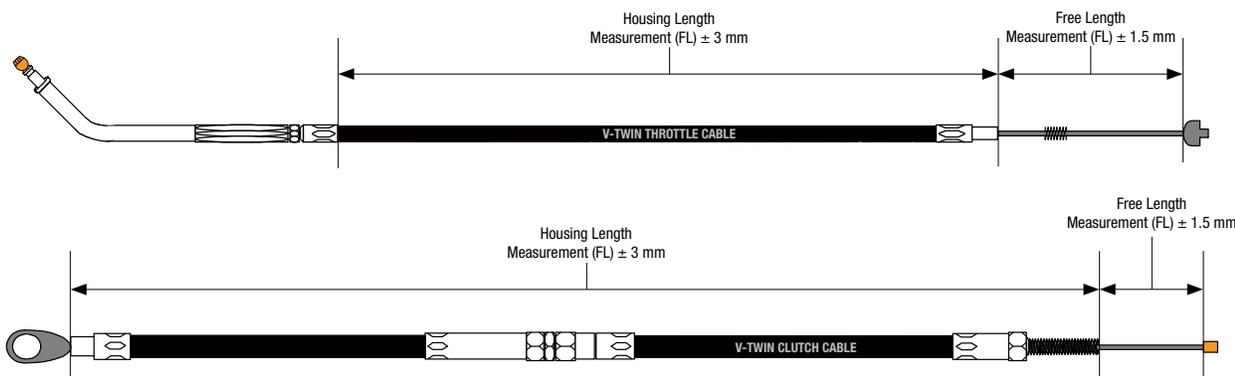
- Tire Wheel Axle
- T-Handle & L-Handle
- Tool Kits
- Wrenches & Allen
- Chain & Belt Drive
- Tech Gear
- Bearing Tools & Pullers
- Suspension
- Carburetor
- Ignition
- Upper Engine
- Lower Engine
- Fuel System
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- Accessories
- Hardware
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## REFERENCE GUIDE

### HOW TO PROPERLY MEASURE CABLE HOUSING LENGTH (HL) AND INNER WIRE FREE LENGTH (FL):

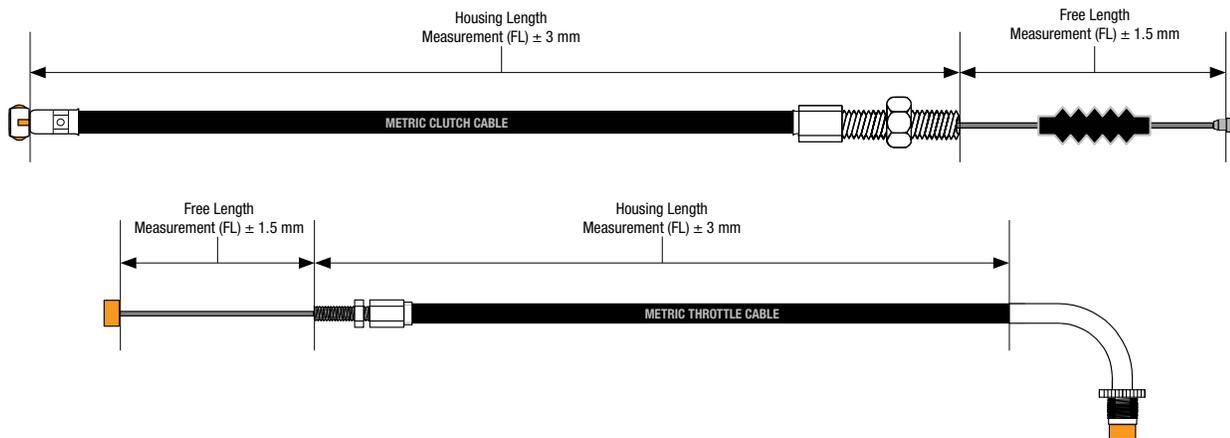
#### V-TWIN TYPE CABLES

V-TWIN



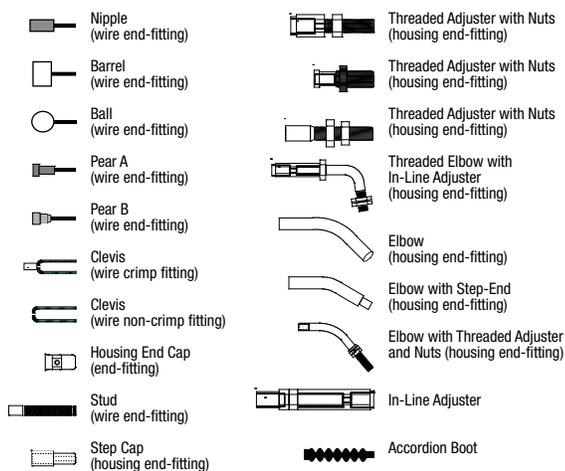
#### METRIC TYPE CABLES

METRIC

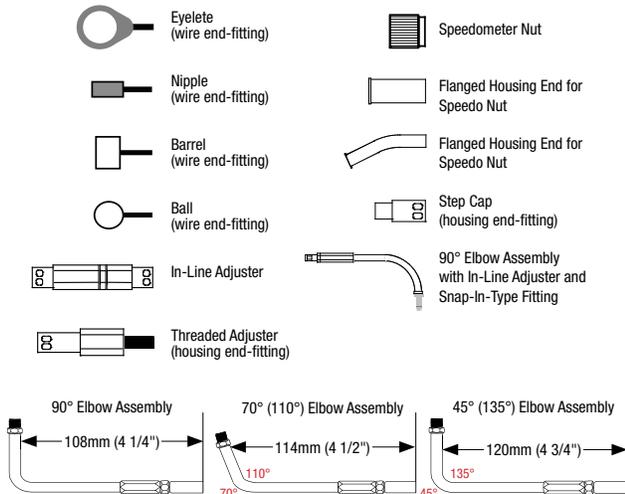


## FITTINGS GUIDE

### METRIC TYPE FITTINGS



### V-TWIN TYPE FITTINGS



- Tire Wheel Axle
- T-Handle & L-Handle
- Tool Kits
- Wrenches & Allen
- Chain & Belt Drive
- Tech Gear
- Bearing Tools & Pullers
- Suspension
- Carburetor
- Ignition
- Upper Engine
- Lower Engine
- Fuel System
- Brake
- Snowmobile
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# REVOLVER™

## VARIABLE RATE THROTTLE KIT

### NEW REVOLVER™ VARIABLE RATE THROTTLE KITS STREET AND OFF-ROAD

- Innovative reel changing system allows you to tailor your throttle rate to riding conditions or rider preference
- Kit includes four reel sizes 35mm, 40mm, 45mm and 50mm
- Use the smallest reel for slow throttle rate and largest reel for fastest throttle rate
- Unique reel design allows fast reel changes without having to readjust cables
- Cable boot keeps dirt and dust out for reliable, smooth operation
- Billet aluminum tool-less cable adjusters for easy installation and adjustment
- Removable setscrew allows for both drilled and undrilled handlebars
- Includes Revolver Throttle assembly, Motion Pro throttle cables and grips (DirtControl™/Off-Road kit, RoadControl™/Street kit)
- Simple to install and maintain
- Designed by Motion Pro
- Patent Pending

Street  
Revolver™  
Variable Rate  
Throttle Kit



RoadControl™  
Grips

DirtControl™  
Grips

Revolver™  
Throttle

Throttle Cable  
with Billet Adjusters  
& MP Boot

35mm  
Reel

40mm  
Reel

45mm  
Reel

50mm  
Reel

NEW  
Billet Aluminum  
Cable Adjusters

### REVOLVER™ THROTTLE

#### Housing

- Durable cast aluminum housing
- Unique inner-guide elbow design allows cables to float for smooth operation
- Guide elbows are made from acetal for smooth operation and are fully covered to protect them from damage
- Pointed setscrew for use on both drilled and un-drilled handlebars

#### Throttle Tube

- Heavy-duty nylon composite for increased strength and smooth operation
- Will not scar bars
- Molded ridges to help secure grips
- Pop out ends for use with hand guards
- Optional billet aluminum throttle tube (P/N 01-1100) available separately

### REVOLVER™ REELS

- Kit includes four reels – 35, 40, 45, and 50 mm for changing throttle rate
- Unique reel design allows quick reel changes without readjusting cables
- High wall design keeps cables securely on reel
- Color coded reels for easy identification
- Heavy-duty nylon composite for increased strength and smooth operation

### THROTTLE CABLE

- Includes high quality Motion Pro throttle cables designed to fit your bike
- Compact billet aluminum cable adjusters can be adjusted without tools
- Nylon liner for smoothness and durability
- Silicone boot with raised Motion Pro logo keeps out dust and dirt

### NEW MOTION PRO RoadControl™ GRIPS

- Ergonomically designed
- Medium density TPR compound provides excellent feedback and control without sacrificing durability
- Full diamond pattern for an unparalleled feel in both wet and dry conditions
- Inner diameter optimized to keep grips secure in any conditions
- Fit 7/8 bars and throttle sleeve

### NEW MOTION PRO DirtControl™ GRIPS

- Ergonomically designed
- Medium density TPR compound provides excellent comfort and control without sacrificing durability
- Self cleaning half-waffle pattern for a secure feel in both wet and dry conditions
- Deep safety wire grooves provide ample space for wire placement so comfort is not compromised
- Inner diameter optimized to help keep grips secure in any conditions
- Fits 7/8 bars and throttle sleeves

### Revolver™ Variable Rate Throttle Kit - Optional Parts



#### NEW MX BILLET THROTTLE TUBE

- Manufactured from high strength billet aluminum
- Removable end cap for use with hand guards
- Works with all Motion Pro Revolver™ VR Throttle reels
- VR throttle reels not included

01-1100 MX Billet Throttle Tube

#### NEW RIGHT-HAND HANDLEBAR SWITCH - START/STOP

- Starter switch
- Stop switch
- 6 Wires
- Width 29.3mm
- Wire harness length 20 in.
- Max amperage 6 amps

11-0057 Right-Hand Handlebar  
Switch - Start/Stop

- Tire Wheel Axle
- T-Handle & L-Handle
- Tool Kits
- Wrenches & Allen
- Chain & Belt Drive
- Tech Gear
- Bearing Tools & Pullers
- Suspension
- Carburetor
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## STREET AND OFF-ROAD APPLICATIONS

### Revolver™ Variable-Rate Throttle Kit Applications - OFF-ROAD

Honda	Year	Kit	Throttle	Replacement Cable
CRF250R	2004-2008	01-2614	01-1089	01-1101
CRF250X	2004-2008	01-2614	01-1089	01-1101
CRF450R	2002-2008	01-2614	01-1089	01-1101
CRF450X	2005-2008	01-2614	01-1089	01-1101

Kawasaki	Year	Kit	Throttle	Replacement Cable
KX250F	2006-2009	01-2621	01-1089	01-1108
KX450F	2006-2008	01-2621	01-1089	01-1108
KLX450A	2008-2009	01-2621	01-1089	01-1108

Suzuki	Year	Kit	Throttle	Replacement Cable
RMZ250	2004	01-2615	01-1089	01-1102
RMZ250	2005-2006	01-2638	01-1089	01-1109
RMZ250	2007	01-2616	01-1089	01-1103
RMZ250	2008	01-2617	01-1089	01-1104
RMZ450	2005-2006	01-2615	01-1089	01-1102
RMZ450	2007	01-2616	01-1089	01-1103
RMZ450	2008	01-2617	01-1089	01-1104

Yamaha	Year	Kit	Throttle	Replacement Cable
WR250F	2003-2008	01-2618	01-1089	01-1105
YZ250F	2003-2008	01-2618	01-1089	01-1105
WR450F	2003-2008	01-2618	01-1089	01-1105
YZ450F	2003-2008	01-2618	01-1089	01-1105

KTM	Year	Kit	Throttle	Replacement Cable
250EXCG	2002-2005	01-2620	01-1089	01-1107
250SXF	2005-2009	01-2619	01-1089	01-1106
250XCF	2007-2008	01-2619	01-1089	01-1106
250XCFW	2007-2008	01-2619	01-1089	01-1106
400EXCG	2004-2007	01-2620	01-1089	01-1107
450EXCR	2008	01-2619	01-1089	01-1106
450EXCG	2003-2006	01-2620	01-1089	01-1107
450MXCG	2003-2005	01-2620	01-1089	01-1107
450SMC	2004	01-2620	01-1089	01-1107
450SMR	2008	01-2619	01-1089	01-1106
450SXF	2007-2008	01-2619	01-1089	01-1106
450XCF	2008-2009	01-2619	01-1089	01-1106
450XCG	2006	01-2620	01-1089	01-1107
450XCRW	2008	01-2619	01-1089	01-1106
505SXF	2008	01-2619	01-1089	01-1106
505XCF	2008	01-2619	01-1089	01-1106
525EXC	2007	01-2620	01-1089	01-1107
525EXCG	2003-2006	01-2620	01-1089	01-1107
525MXCG	2003-2005	01-2620	01-1089	01-1107
525SMC	2004	01-2620	01-1089	01-1107
525SMR	2005-2006	01-2620	01-1089	01-1107
525SX	2003-2006	01-2620	01-1089	01-1107
525XC	2007	01-2620	01-1089	01-1107
525XCW	2007	01-2620	01-1089	01-1107
625SMC	2003-2004	01-2620	01-1089	01-1107
625SXC	2003-2004	01-2620	01-1089	01-1107
660RFR	2007	01-2620	01-1089	01-1107
690RFR	2008	01-2620	01-1089	01-1107

BRIAN J. NELSON

### Revolver™ Variable-Rate Throttle Kit Applications - STREET

Honda	Year	Kit	Throttle	Replacement Cable
CBR600RR*	2003-2006	01-2632	01-1090	01-1121
CBR600RR	2007-2008	01-2631	01-1090	01-1120
CBR1000RR	2004-2007	01-2630	01-1090	01-1119
CBR1000RR	2008	01-2629	01-1090	01-1118

Kawasaki	Year	Kit	Throttle	Replacement Cable
ZX6R	2003-2004	01-2637	01-1090	01-1126
ZX6R	2005-2006	01-2641	01-1090	01-1128
ZX6RR	2005-2006	01-2641	01-1090	01-1128
ZX6R	2007-2008	01-2642	01-1090	01-1129
ZX10R	2004-2005	01-2639	01-1090	01-1111
ZX10R	2006-2007	01-2640	01-1090	01-1127
ZX10R	2008	01-2649	01-1090	01-1137

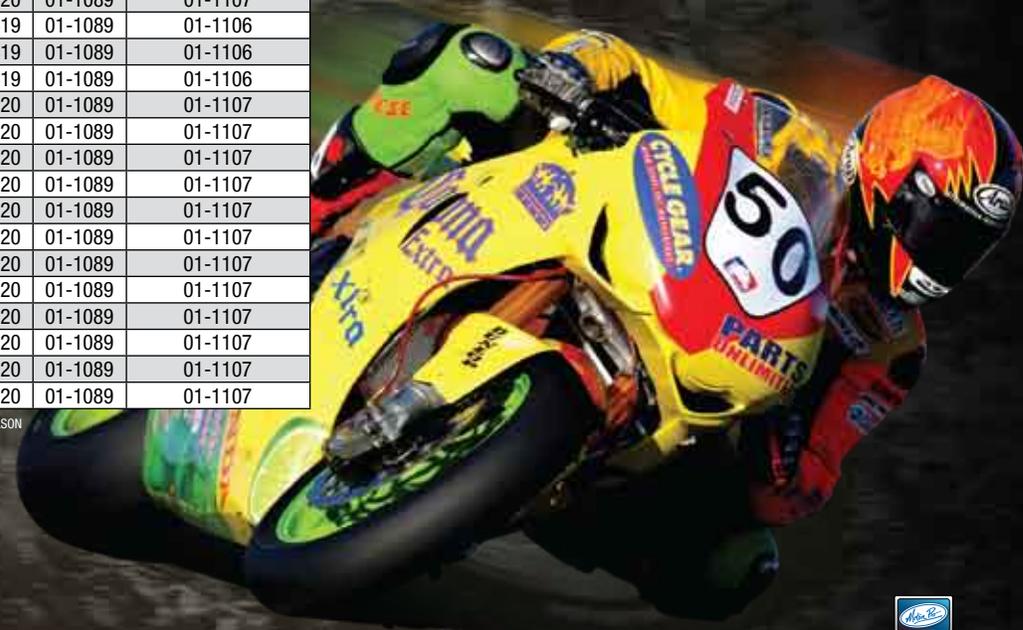
Suzuki	Year	Kit	Throttle	Replacement Cable
GSXR600*	2003	01-2647	01-1090	01-1138
GSXR600*	2004-2005	01-2627	01-1090	01-1116
GSXR600*	2006-2007	01-2626	01-1090	01-1115
GSXR600*	2008	01-2625	01-1090	01-1114
SV650S*	2003-2008	01-2628	01-1090	01-1117
GSXR750*	2003	01-2624	01-1090	01-1113
GSXR750*	2004-2005	01-2627	01-1090	01-1116
GSXR750*	2006-2007	01-2626	01-1090	01-1115
GSXR750*	2008	01-2625	01-1090	01-1114
GSXR1000*	2003-2004	01-2624	01-1090	01-1113
GSXR1000*	2005-2006	01-2623	01-1090	01-1112
GSXR1000*	2007-2008	01-2622	01-1090	01-1110

Yamaha	Year	Kit	Throttle	Replacement Cable
YZF-R6*	2003-2005	01-2636	01-1090	01-1125
YZF-R6	2006-2007	01-2635	01-1090	01-1124
YZF-R6	2008	01-2647	01-1090	01-1136
YZF-R1	2003	01-2634	01-1090	01-1123
YZF-R1	2004-2006	01-2633	01-1090	01-1122
YZF-R1	2007-2008	01-2643	01-1090	01-1130

\*Require Right-Hand Handlebar Switch P/N 11-0057 (see page 56)

OFF-ROAD

STREET



Corona Extra Honda | Matt Lynn



SEE [MOTIONPRO.COM](http://MOTIONPRO.COM) FOR LATEST APPLICATIONS.

- Tire Wheel Axle
- T-Handle & L-Handle
- Tool Kits
- Wrenches & Allen
- Chain & Belt Drive
- Tech Gear
- Bearing Tools & Pullers
- Suspension
- Carburetor
- Ignition
- Upper Engine
- Lower Engine
- Fuel System
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# CONTROLS | ATV TWIST THROTTLE CONVERSION KITS



## ATV TWIST THROTTLE CONVERSION KITS

Motion Pro® is your source for **ATV Twist Throttle Conversions!** We offer three different styles for late model sport ATV's. Our kits are designed to enhance performance from trail riding to close course competition. Want to keep your stock throttle? No problem! We offer cables for use with stock thumb throttles. If you have any throttle kit questions, be sure to let us know; we'll gladly answer any questions you might have.



### VORTEX™ THROTTLE

**VORTEX™ THROTTLE CONTROL KIT IS THE ULTIMATE IN PERFORMANCE AND IS RECOMMEND FOR CLOSED COURSE USE**

- Made from die-cast aluminum with a gray finish and gray rubber mud cover
- Fits 7/8" inch (22mm) bars
- Includes nylon throttle sleeve with pop out end



Single cable Twist Throttle Kit with Vortex™ Throttle (Sport ATV applications)

### TURBO™ THROTTLE

**TURBO™ THROTTLE CONTROL KIT OFFERS A SNAPPY RESPONSE AND IS RECOMMENDED FOR THE EXPERIENCED RIDER**

- Polished die-cast aluminum housing
- Fits 7/8" inch (22mm) bars
- Comes complete with cable adjuster and dust boot
- Includes nylon throttle sleeve with pop out end

### CR PRO™ THROTTLE

**CR PRO™ THROTTLE CONTROL KIT IS SUITABLE FOR ALL RIDING STYLES**

- Die-cast aluminum housing with black epoxy or chrome finish
- Fits 7/8" inch (22mm) bars
- Straight-pull assembly
- Recommended for 34mm or smaller straight-pull carburetors
- Includes nylon throttle sleeve with pop out end



SEE [MOTIONPRO.COM](http://MOTIONPRO.COM) FOR OUR COMPLETE SELECTION OF ATV TWIST THROTTLE CONVERSION KITS AND APPLICATIONS.

## ARMOR COAT™ CONTROL KITS FOR BANSHEE®

- Includes everything you need to set up your Banshee with premium Armor Coat (AC™) stainless steel cables
- AC cables provide precise clutch and throttle control
- AC cables feature a stainless steel weave with a crystal clear sheathing to protect painted and chrome surfaces
- Choose from three twist throttles. Cables only kit available for use with stock thumb throttle

## BANSHEE®/BLASTER® IDLE KIT

- Used to install a standard Mikuni idle adjuster into the carburetor body
- For use on Yamaha Banshee and Blaster models
- Idle adjuster is necessary if carburetor top has been replaced with a standard Mikuni cap
- Kit includes a drill bit, thread tap, 2 idle screws with lock nuts and instructions
- Drill press or mill should be used to drill holes in the carburetor bodies



08-0045 Banshee®/Blaster® Idle Kit

## BLASTER® REAR BRAKE

- 01-0298 will eliminate the stock cable from the handlebar. Cable will go from the rear brake pedal to the caliper.
- 01-0299 same fit as 01-0298, but +4" longer for extended swingarms



**Applications:**  
YFS 200 0200 88-02

- Tire Wheel Axle
- T-Handle & L-Handle
- Tool Kits
- Wrenches & Allen
- Chain & Belt Drive
- Tech Gear
- Bearing Tools & Pullers
- Suspension
- Carburetor
- Ignition
- Upper Engine
- Lower Engine
- Fuel System
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## IMPORTANT NOTICE

Our experiences working with cables, carburetors and throttles has changed our approach to throttle descriptions. We do not refer to our throttles as 1/2-turn, 1/4-turn or any fraction-turn for that matter. Change carbs and the amount of pull can change. We will use terminology such as quicker/faster turning and slower turning. The single-pull throttles on these pages are listed in order of fastest turning to slowest. We then list our push-pull throttles from fastest to slowest. For a more in-depth, technical look at this and for a look at a chart showing each throttle's rate and max twist, visit us online at [motionpro.com](http://motionpro.com) and click on the "tech" link.

## VORTEX™ THROTTLE

Made from die-cast aluminum with a gray finish and gray rubber mud cover. OEM-style replacement similar to most late model two-stroke Japanese MX bikes. Fits KX125/250 92-04, RM125/250 95-04, YZ125 & 250 96-04, & WR250Z 97 with the stock throttle cables. For Honda CR125 93-02 & CR250 90-03, CR500 90-01, use with Motion Pro® Cable 01-0713. Available for many other models by using a Motion Pro® cable.

**01-0054 Vortex™ Throttle** Replacement Parts: 01-0082 Sleeve, C1-054A Mud Cover, C1-054B Wheel Kit



## TURBO™ THROTTLE

Polished die-cast aluminum housing. Opens 28-38mm carburetors. Perfect ratio for off-road motorcycles or ATVs. Comes complete with cable adjuster and dust boot. 4 1/2" hand grip. Same cable applications as the "Gasser/Whirlpull" type throttle. Optional nylon sleeve (01-0072) will fully open carburetors 40mm and larger. Motion Pro Cables available for many models.

**01-0057 Turbo™ Throttle** Replacement Parts: 01-0089 Sleeve, Optional Parts: 01-0072 Nylon Sleeve

## CR COMPETITION™ THROTTLE

Die-cast aluminum housing with a black epoxy finish. Opens 30-38mm carburetors. Throttle cable will clear brake master cylinder on handlebar. Uses 4 1/2" throttle sleeve with grip retaining ring. Early disk-brake Honda CR replacement. Motion Pro Cables available for most models.

**01-0056 CR Competition™ Throttle** Replacement Parts: 01-0088 Sleeve, 01-0018 Cable Adjuster/Adapter



## CR PRO™ THROTTLE

Die-cast aluminum housing with black epoxy finish. Straight-pull assembly. Recommended for 34mm or smaller straight-pull carburetors. 4 1/2" throttle sleeve with grip retaining ring. Drum Brake Honda CR replacement (pre-84). Motion Pro® cables available for most models.

**01-0053 CR Pro™ Throttle (black)** Replacement Parts: 01-0087 Sleeve, 01-0018 Cable Adjuster/Adapter  
**01-0071 CR Pro™ Throttle (chrome)** Replacement Parts: 01-0087 Sleeve, 01-0018 Cable Adjuster/Adapter

## MAGURA® 314 STRAIGHT PULL THROTTLE

Reinforced polycarbonate housing. Adjustable turn ratio from MX to Enduro in minutes. Includes protective rubber cable boot. Opens 28-40mm carburetors. Ideal for off-road motorcycles or ATVs

**01-0060 Magura® 314 Throttle**



## AGRICULTURAL THROTTLE

Identical in appearance to our CR Pro Throttle with addition of a set screw to hold the throttle position. Allows steady operation during very low speed agricultural use. Uses the same cables as CR Pro, does not use CR Pro replacement sleeve.

**01-0063 Agricultural Throttle** Replacement Parts: 01-0095 Sleeve, 01-0018 Cable Adjuster/Adapter, 01-0096 Screw Kit

Features throttle positioning set screw



## STRAIGHT PUSH-PULL THROTTLE

Die-cast aluminum housing with black epoxy finish. Similar to throttle used on Yamaha YZ/WR400, FZR, YZF and XT dual-sport bikes. Special cables available to fit most applications requiring quick turn ratios.

**01-0073 Straight Push-Pull Throttle** Replacement Parts: 01-0090 Sleeve



## PUSH-PULL THROTTLES

Die-cast aluminum housing with either a black epoxy finish or chrome finish housing. Opens carburetors up to 38mm. 01-0052 replaces Honda OEM sleeve #53141-300-010. Special cables available to fit most conversions.

**01-0059 Push-Pull Throttle (chrome)** Replacement Parts: 01-0052 Sleeve  
**01-0058 Push-Pull Throttle (black)** Replacement Parts: 01-0052 Sleeve

## CHROME THROTTLES

Push-pull throttle for 1" bars. Designed for dual cable Harley-Davidson® models with single cable throttle for 1" bars. Designed for most pre-1980 Harley-Davidson® models.

**01-0066 Push-Pull Throttle**  
**01-0067 Single Cable Throttle**

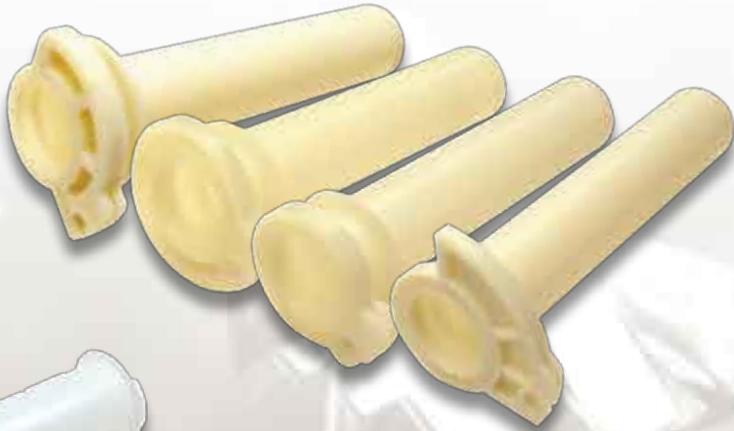


- Tire Wheel Axle
- T-Handle & L-Handle
- Tool Kits
- Wrenches & Allen
- Chain & Belt Drive
- Tech Gear
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# CONTROLS | THROTTLE SLEEVES

## OFF-ROAD THROTTLE SLEEVES

- Replaces O.E.M. throttle sleeves
- Heavier-duty, exceeding the quality and durability of O.E.M. sleeves
- Will not scar bars like aluminum sleeves
- Nylon fabric composite material
- Pop-out end caps for use with bar-end-type hand guards
- Molded ridges to help secure grips
- One-piece tube and reel design
- Available for 2-stroke and 4-stroke applications



SEE [MOTIONPRO.COM](http://MOTIONPRO.COM) FOR OUR LATEST OFF-ROAD AND SPORT BIKE THROTTLE SLEEVE APPLICATIONS.

## SPORT BIKE THROTTLE SLEEVES

- Replaces O.E.M. throttle sleeves
- Heavier duty and exceed the quality and durability of O.E.M. sleeves
- Will not scar bars like aluminum sleeves
- Nylon fabric composite material
- Molded ridges to help secure grips
- One-piece tube and reel design

# CONTROLS | MINI BIKE THROTTLE KITS

## MINI MX QUICK TURN THROTTLE KITS

- Convert your OEM throttle to a quick turn throttle by using a Motion Pro quick turn throttle kit
- These kits utilize our popular Vortex®, CR Pro®, and CR Competition® throttle assemblies
- Intended for use with the stock carb

SEE [MOTIONPRO.COM](http://MOTIONPRO.COM) FOR APPLICATIONS.



## XR50/CRF50 CONTROL KIT

- Designed for use with most high rise bar kits
- Intended for use with the stock carb
- See page 54-55 for custom cables

### 01-0573 XR50/CRF50 Control Kit

Includes: CR Pro throttle, throttle cable with carburetor cap, brake lever and perch assembly and brake cable



Suzuki Amateur | Eli Tomac

Tire Wheel Axle
T-Handle & L-Handle
Tool Kits
Wrenches & Allen
Chain & Belt Drive
Tech Gear
Bearing Tools & Pullers
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## NEW MOTION PRO DirtControl™ GRIPS

- Ergonomic design
- Medium density TPR compound provides excellent comfort and control without sacrificing durability
- Self cleaning half-waffle pattern for a secure feel in both wet and dry conditions
- Deep safety wire grooves provide ample space for wire placement so comfort is not compromised
- Inner diameter optimized to help keep grips secure in any conditions
- Fits 7/8 bars and throttle sleeves

01-1099 Motion Pro DirtControl™ Grips (gray)

01-1132 Motion Pro DirtControl™ Grips (black)



## NEW MOTION PRO RoadControl™ GRIPS

- Ergonomic design
- Medium density TPR compound provides excellent feedback and control without sacrificing durability
- Full diamond pattern for an unparalleled feel in both wet and dry conditions
- Inner diameter optimized to keep grips secure in any conditions
- Fit 7/8 bars and throttle sleeves

01-1131 Motion Pro RoadControl™ Grips



### GRIP-END CUTTER

- Clean cut every time
- Durable steel construction
- Perfect for installing hand guards
- Kit includes 6" extension, 1" cutter and 7/8" cutter

08-0335 Grip-End Cutter



# CONTROLS ACCESSORIES MAINTENANCE

## SWIVEL HEAD CHROME CABLE CLAMPS

- Unique two-piece design allows easy installation
- Swivel head design allows more natural cable routing without excessive bending
- Polished chrome finish and innovative single-bolt clamp gives a clean look
- See all of our Swivel Head Chrome Cable Clamps on page 65

11-0043 Single Cable 1" (with rubber sleeve) - 1 1/8" (without rubber sleeve)

11-0044 Dual Cable 1" (with rubber sleeve) - 1 1/8" (without rubber sleeve)



## CABLE ADJUSTER/ADAPTER

- For use on Motion Pro CR Pro® or CR Competition® throttles
- Complete with knurled lock nut and dust boot
- Allows use of universal 6mm cable

01-0018 Cable Adjuster/Adapter



## IMPROVED CABLE LUBER

- Used to inject lubricant into cable housing
- Clamps over housing and wire allowing an aerosol can to be connected
- Once lubricant runs out the far end, the cable is lubricated
- Ideal for use with Motion Pro Cable Lube

08-0182 Cable Luber



## CABLE LUBE

- An exclusive formula developed by Motion Pro® to provide the smoothest operation and longest cable life
- Ideal for use with Motion Pro Cable Luber 08-0182
- Special blend of Redline® synthetic lubricants and rust inhibitors keeps your cables working smoothly in any weather condition from hot to cold, wet or dry
- Depending on riding conditions, it is recommended to lube your cables between every ride or every other ride
- Not the cheapest, but designed to be the best

15-0001 Cable Lube (case of 6)

15-0002 Cable Lube (1 can)



Now with Redline® synthetic blend



Tire Wheel Axle
T-Handle & L-Handle
Tool Kits
Wrenches & Allen
Chain & Belt Drive
Tech Gear
Bearing Tools & Pullers
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# CONTROLS | OFF-ROAD LEVERS

## CONTROL LEVERS

Motion Pro® Levers are designed to exceed OEM specifications. We use brass bushings on many models for smooth operation and precise feel. We also offer forged clutch & brake levers with pivot bearings for MX/off-road applications. Built to resist breakage with great style and function. An ideal addition to your full line of Motion Pro® controls.

### QUICK-ADJUST MX CLUTCH LEVER WITH HOT START LEVER

- Quality 6061-T6 forged aluminum
- Quick-adjuster for on-the-fly adjustments
- Roller bearing in pivot for effortless operation
- Fits all 7/8" bars
- CR ratio

14-0111 Quick-Adjust MX Clutch Lever with Hot Start



### MX FORGED LEVERS

- Quality 6061-T6 forged aluminum
- Roller bearing in clutch pivot for effortless operation
- Designed to fit OE perch

**GO TO MOTIONPRO.COM FOR FULL LIST OF APPLICATIONS**

### LEVER & PERCH ASSEMBLIES

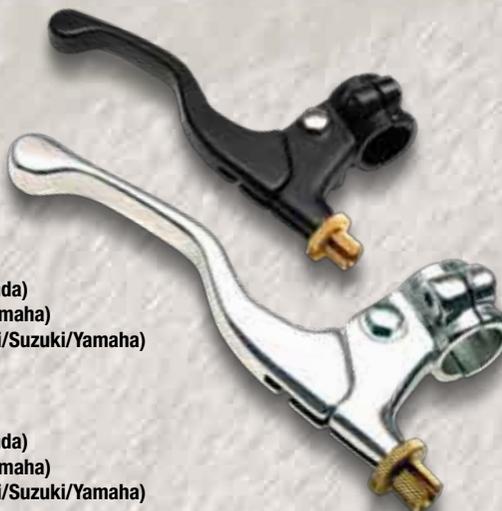
- Inexpensive replacement for Japanese MX bikes
- Available in black or polished finishes
- Not for use with hydraulic brakes or clutches

#### Polished

- 14-0102 Clutch Lever Assembly (for Honda)
- 14-0103 Front Cable-Type Brake Lever Assembly (for Honda)
- 14-0106 Clutch Lever Assembly (for Kawasaki/Suzuki/Yamaha)
- 14-0107 Cable-Type Brake Lever Assembly (for Kawasaki/Suzuki/Yamaha)

#### Black

- 14-0100 Clutch Lever Assembly (for Honda)
- 14-0101 Front Cable-Type Brake Lever Assembly (for Honda)
- 14-0104 Clutch Lever Assembly (for Kawasaki/Suzuki/Yamaha)
- 14-0105 Cable-Type Brake Lever Assembly (for Kawasaki/Suzuki/Yamaha)



- Tire Wheel Axle
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# CONTROLS OFF-ROAD LEVERS

## OE STYLE REPLACEMENT

- Meet or exceed OE quality
  - Applications for most models
- GO TO MOTIONPRO.COM FOR FULL LIST OF APPLICATIONS**



## LEVERMATE™

Don't Break It... Rotate it with LeverMate™

- Helps prevent the accidental breakage of control levers, perches and master cylinders
- Allows rotation of perch and master cylinder assemblies flexible fiberglass reinforced Teflon® coated sleeve
- Can be installed on most OEM and aftermarket perches and master cylinders
- Easy installation
- Each pack comes with enough material for two bar clamps (perch or master cylinder)
- See Dealer Displays pages 74-76



- 08-0422 LeverMate™ Teflon® Coated Sleeve (each)
- 08-0418 LeverMate™ Teflon® Coated Sleeve (card of 12)

# CONTROLS STREET LEVERS



OE Replacement (black)

OE Replacement (polished)

## OE STYLE REPLACEMENT

- Meet or exceed OE quality
- Applications for most models

## CHROME WIDE BLADE LEVERS

- Applications for metric cruisers are available
- Meet or exceed OE quality



- Tire Wheel Axle
- T-Handle & L-Handle
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# V-TWIN CABLES & ACCESSORIES



SEE [MOTIONPRO.COM](http://MOTIONPRO.COM) FOR APPLICATIONS.

## WHAT IS LW HOUSING?

Longitudinally-wound (LW) housing will not compress and feel mushy under heavy loads. Recognizing the performance advantage, Harley-Davidson® has equipped all their bikes with longitudinally-wound (LW) clutch cables since 1988. Motion Pro has offered this performance enhancing LW technology in our vinyl housing cables for many years, but now incorporates the LW technology into our new Armor Coat stainless steel clutch cables as well as our just released Argent™ LW and Blackout™ LW clutch cables. With Motion Pro you get all the good looks without sacrificing performance. The best just got better.



Coil-wound

- Tire Wheel Axle
- T-Handle & L-Handle
- Tool Kits
- Wrenches & Allen
- Chain & Belt Drive
- Tech Gear
- Bearing Tools & Pullers
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- Carburetor
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## AC™ ARMOR COAT LW STAINLESS STEEL CABLES

- Stainless steel weave with performance and attitude
- Clear Armor Coat protects chrome and painted surfaces
- Premium chrome fittings
- Clutch cables are available in coil-wound and LW housing
- LW clutch cables feature top to bottom stainless steel weave

## Argent™ LW CABLES

### BRIGHT SILVER CABLES

- Bright silver textile weave is strong and looks great
- Clear Armor Coat protects chrome and painted surfaces
- Premium chrome fittings
- Clutch cables are available in coil-wound and LW housing

## BLACKOUT™ LW CABLES

- Black vinyl housing
- Black fittings perfect for blacked-out bikes
- Clutch cables are only available in LW housing

## BLACK VINYL CABLES LW

- Black vinyl housing
- Premium chrome fittings
- Clutch cables are available in coil-wound and LW housing

# V-TWIN T-HANDLES & L-HANDLES

Motion Pro® T-Handles are great for shop and home mechanics alike. They feature chrome-vanadium tool steel sockets and a carbon steel T-Handle. The deep 12-point sockets allow nuts to be driven over long-threaded bolts. The hex sockets extend only part of the way inside, preventing the nut from being pushed too far into the socket. The outside diameter of the sockets are kept as slim as possible, allowing them to fit into tight areas. Motion Pro® offers a lifetime replacement warranty on all T-Handle sockets. Complement your set of Motion Pro® T-Handles with our T-Handle rack. This rack has 11 slots to hold a selection of your favorite T-Handles. (sold separately, see page 67)



### STANDARD T-HANDLES

- Standard T-Handle feature a polished chrome finish (12-point sockets)
- Set includes a vinyl storage pouch
- Lifetime replacement warranty
- See accessory bits for 5/16" T-Handle (08-0307) on page 67

08-0307	5/16"
08-0308	3/8"
08-0309	7/16"
08-0310	1/2"
08-0311	9/16"
08-0312	5/8"
08-0313	11/16"
08-0314	3/4"
08-0315	Set of 8



## CUSTOM CABLES

### CUSTOM CABLES

- See pages 54-55 for our custom cables services or visit us at MotionPro.com

### SWIVEL HEAD CHROME CABLE CLAMPS

- Unique two-piece design allows easy installation
- Swivel head design allows more natural cable routing without excessive binding
- Polished chrome finish and innovative single-bolt clamp gives a clean custom look
- Clamp kits available to fit 1", 1-1/8", 1-1/4", and 1-1/2" frame sizes in either single or dual cable holder configuration

- 11-0041 Single Cable 1 1/4" (w/rubber sleeve) - 1 1/2" (w/o rubber sleeve)
- 11-0042 Dual Cable 1 1/4" (w/rubber sleeve) - 1 1/2" (w/o rubber sleeve)
- 11-0043 Single Cable 1" (w/rubber sleeve) - 1 1/8" (w/o rubber sleeve)
- 11-0044 Dual Cable 1" (w/rubber sleeve) - 1 1/8" (w/o rubber sleeve)
- 11-0045 Rubber Sleeve 1.25"
- 11-0046 Rubber Sleeve 1"
- 11-0049 Single Cable Holder 15/64", 9/32", 5/16" & 11/32"
- 11-0050 Dual Cable Holder 15/64", 9/32", 5/16" & 11/32"

### Applications

- 1" clamps for after market frames and handle bar applications
- 1-1/8" clamps fit Sportster® models through 1981 and OEM 4-speed or Softail® frames
- 1-1/4" clamps fit all Sportster®, FXR and DynaGlide® from 1982 to present
- 1-1/2" clamps for custom frames

### CHROME THROTTLES

- Push-pull throttle for 1" bars - designed for dual cable Harley-Davidson® models
- Single cable throttle for 1" bars - designed for most pre-1980 Harley-Davidson® models

- 01-0066 Push-Pull Throttle
- 01-0067 Single Cable Throttle

### THROTTLE/IDLE CABLE CLAMP

- Polished chrome finish
- Recessed allen bolt for clean look

- 11-0052 Dual Cable Holder 15/64", 9/32"

## V-TWIN T-HANDLES & L-HANDLES

### T-HANDLE DRIVERS

- Use any 1/4" or 3/8" drive attachments such as sockets, hex drives, crow's foot or swivels
- Durable nickel pewter
- Chrome-vanadium tool steel shaft and T-Handle
- Lifetime replacement warranty

- 08-0158 1/4" Drive (8 1/2" long)
- 08-0159 3/8" Drive (10 1/2" long)

08-0158 & 08-0159

08-0359 & 08-0360

### DUAL DRIVE MINI T-HANDLES

- Use T-Handle drive to tighten/loosen fasteners and shaft drive for quick installation/removal of fasteners
- 1/4" drive has a compact 6 1/2" drive shaft length
- 3/8" drive has a compact 7 3/4" drive shaft length
- For tight access and easy transport
- Use with 1/4" or 3/8" drive sockets, Allen drive bits, crow's foot, swivels, etc.
- Chrome-vanadium tool steel shaft and T-Handle
- Durable nickel pewter finish
- Lifetime replacement warranty

- 08-0359 1/4" Drive (6 1/2" long)
- 08-0360 3/8" Drive (7 3/4" long)

Tire Wheel Axle
T-Handle & L-Handle
Tool Kits
Wrenches & Allen
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# V-TWIN T-HANDLES & L-HANDLES

- Tire Wheel Axle
- T-Handle & L-Handle
- Tool Kits
- Wrenches & Allen
- Chain & Belt Drive
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## NEW SAE BALL-END ALLEN T-HANDLES

- Use T-Handle Allen to tighten/loosen fasteners and ball-end Allen on shaft for quick installation/removal of fasteners
- Ball-end allows for better access to hard to reach Allen-head bolts (up to 25-degree working angle)
- Compact 6 3/4" shaft lengths for tight spaces and easy transport
- Chrome-vanadium tool steel shaft and T-Handle
- Ball-end T-Handles feature a polished chrome finish
- Lifetime replacement warranty

- 08-0443 5/32"
- 08-0444 3/16"
- 08-0445 1/4"
- 08-0446 5/16"
- 08-0447 3/8"
- 08-0448 Set of 5 (5/32", 3/16", 1/4", 5/16", 3/8")



## DUAL DRIVE L-HANDLES

- Impact resistant ergonomic molded handle reduces hand fatigue
- Use drive side to tighten/loosen fasteners and shaft side for quick installation/removal of fasteners
- Minis are a compact 7 1/2" shaft length for tight access and easy transport
- Use with 1/4" or 3/8" drive sockets, Allen drive bits, crow's foot, swivels, etc.
- One piece chrome-vanadium tool steel shafts
- Durable nickel pewter finish
- Lifetime replacement warranty

- 08-0361 3/8" L-Handle (10" long)
- 08-0363 1/4" L-Handle (10" long)
- 08-0362 3/8" Mini L-Handle (7 1/2" long)
- 08-0364 1/4" Mini L-Handle (7 1/2" long)

## T-HANDLE RATCHETS

- Chrome-vanadium tool steel
- Compact design allows for use in tight spaces
- Reversible ratchet
- Comfortable grip
- Patented design
- Lifetime replacement warranty

- 08-0231 1/4" Drive
- 08-0226 3/8" Drive



# V-TWIN SUSPENSION

## 39MM & 41MM FORK COMPRESSION KITS FOR H-D®

- Designed to install fork caps on forks with a large amount of spring pre-load
- Will work on most 39mm and 41mm Harley-Davidson® forks

- 08-0299 39mm/41mm Kit
- 08-0300 39mm Kit
- 08-0301 41mm Kit

### Replacement parts:

- 08-0302 Jackscrew
- 08-0303 39mm Adapter
- 08-0304 41mm Adapter
- 08-0305 41mm Fork Cap Socket
- 08-0139 39mm Fork Cap Socket



## FORK CAP NUT SOCKET FOR H-D®

- Use for removal and installation of the fork cap nut (1 3/8" hex)
- Fits most Big Twin and Sportster® models
- Thin socket measures only 9/32" deep by 5/8" tall
- O-ring insert to help protect the top of the cap
- Sold each

- 08-0139 39mm Fork Cap Nut Socket for H-D®

# V-TWIN T-HANDLES

## WALL BRACKET FOR 08-0114 T-HANDLE RACK

- For mounting our 08-0114 T-Handle rack to the side of a toolbox, wall, post or any other flat surface
- Features a quick release pin for removing and attaching the T-Handle rack
- Includes built in bottle opener
- Made from heavy-duty 12 gauge zinc plated steel
- Wall Bracket works only with our new one piece design style T-Handle rack

08-0435 Wall Bracket

## BITS FOR 5/16" T-HANDLE

- Durable nickel pewter finish
- Rubber O-ring keep bits securely in place
- Perfect for any tool pack (see Motion Pro tool pack on page 19)

**NEW**  
08-0416  
1/4" Drive x 8mm  
Adapter

- 08-0162 #2 & #3 Phillips
- 08-0180 Slot & Phillips Drive
- 08-0164 Straight-Slot Bit
- 08-0382 3mm & 4mm Allen Bit
- 08-0163 5mm & 6mm Allen Bit
- 08-0176 1/8" & 3/16" Allen Drive
- 08-0177 7/32" & 9/64" Allen Drive

- 08-0178 1/4" Allen & T40 Torx® Drive
- 08-0179 T25 & T27 Torx® Drive
- 08-0416 1/4" Drive x 8mm Adapter
- 08-0345 Set of 7 (08-0176, 08-0177, 08-0178, 08-0179, 08-0162, 08-0163 & 08-0164)
- 08-0344 Set of 5 (08-0176, 08-0177, 08-0178, 08-0179 & 08-0180)
- 08-0343 Set of 3 (08-0162, 08-0163 & 08-0164)
- 08-0342 Set of 2 (08-0162 & 08-0164)

## HEX-PRO™ AND STAR-PRO™ PIVOT HEAD WRENCHES

- 180° swivel head with extra long handle for accessing hard to reach places
- Pivot design allows for easy rotation around obstructions
- Pivot design allows you to keep the wrench and fastener engaged when access is limited
- Great time saver
- Heat treated alloy tool steel
- Chrome plated finish
- Includes heavy duty folding canvas storage pouch
- Takes up less storage space than a typical hex key set

- 08-0419 Hex-Pro™ SAE Pivot Head Hex Wrench Set (3/16", 7/32", 1/4", 5/16", 3/8")
- 08-0421 Star-Pro™ Pivot Head Torx® Wrench Set (T-25, T-27, T-30, T-40, T-45, T-50)

## FORK OIL LEVEL GAUGE

- For checking and adjusting the oil level on all conventional and inverted forks
- Adjustable ring will measure oil levels from 0-300mm in 0.5cm increments
- Syringe has a capacity of 60ml
- Replaces H-D® tool # HD-590000-B and Buell® tool # B-590000-B

- 08-0121 Fork Oil Level Gauge
- C08-121A Replacement plunger seal for Fork Oil Level Gauge

## FORK SPRING TOOL FOR H-D®

- Assists in the disassembly and assembly of springer-type front forks on Harley-Davidson® motorcycles
- Made in the USA

08-0144 Fork Spring Tool for H-D®

## 11-SLOT T-HANDLE RACK

- New one piece design and chrome finish
- Easily hangs on the side of most tool boxes
- Keeps T-Handles ready for action

08-0114 11-Slot T-Handle Rack

## 1/4" DRIVE 12 POINT 5/16" DEEP SOCKET

- Developed specifically to work with all 5/16" bits
- Use with any of our 1/4" drivers (i.e. 08-0158/0359/0363/0364/0231/)

08-0384 1/4" Drive 12 Point 5/16" Deep Socket



# V-TWIN SUSPENSION

## FORK SEAL DRIVERS

- CAD-II plated carbon steel split design
- Each driver weighs approximately 25oz.
- Sold individually

- 08-0170 39mm Fork Seal Driver
- 08-0123 41 mm Fork Seal Driver
- 08-0221 35/36mm Fork Seal Driver
- 08-0171 49/50mm Fork Seal Driver

- Tire Wheel Axle
- T-Handle & L-Handle
- Tool Kits
- Wrenches & Allen
- Chain & Belt Drive
- Tech Gear
- Bearing Tools & Pullers
- Suspension
- Carburetor
- Ignition
- Upper Engine
- Lower Engine
- Fuel System
- Brake
- Snowmobile
- Accessories
- Hardware
- Cables
- Custom Cables
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# V-TWIN ENGINE SERVICE TOOLS

- Tire Wheel Axle
- T-Handle & L-Handle
- Tool Kits
- Wrenches & Allen
- Chain & Belt Drive
- Tech Gear
- Bearing Tools & Pullers
- Suspension
- Carburetor
- Ignition
- Upper Engine
- Lower Engine
- Fuel System
- Brake
- Snowmobile
- Accessories
- Hardware
- Cables
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## PUSH ROD TOOL FOR H-D®

- Designed to remove and install the clip on Harley-Davidson® collapsible push rod tubes
- Flat portion of tool fits under the cylinder head while cupped end fits over the bell in the tube and then compresses the spring allowing for easy access to the spring cap retainer
- No more cut knuckles & scratched engine parts from using a screwdriver between the fins

08-0255 Push Rod Tool for H-D®

## ROCKER BOX COVER WRENCH

- Designed to reach hard to get 3/16" Allen on the rocker boxes of Big Twin, Sportster® & Buell® motorcycles
- Features a 3/8" drive for use with torque wrench
- Vinyl cover offers comfort and minimizes chances of damage to finished surfaces
- Replaces H-D® OEM # HD-47258

08-0220 Rocker Box Cover Wrench



## 5/8" SPARK PLUG TOOL WITH 3" SWIVEL SOCKET EXTENSION

- Special thin wall design allows access with fin covers still installed
- Unique 2-step extension, swivel or fixed with 3/8" socket by a 1/4" ratchet drive
- Chrome-vanadium tool-steel with polished chrome finish
- Drive extension offers the versatility of being driven with a screwdriver, making it great for road side usage

08-0239 5/8" Spark Plug Tool with Swivel Socket Extension

12° swivel



## SIDE CASE COVER PULLER FOR H-D®

- Use to remove the right side-case cover
- Will fit late model Harley-Davidson® motorcycles, including all 1970 and later Big Twin models and 1990 and later Sportster® models
- Includes bracket, puller bolt and set screws
- Made in the U.S.A.

08-0153 Side Case Cover Puller for H-D®



## IGNITION SYSTEM TESTER

- Test the integrity and strength of your ignition system
- Spark gap is adjustable from 0 to 10mm
- The larger the gap your ignition will jump, the stronger your system is
- Will test the ignition on most motorcycles, watercraft, ATVs & snowmobiles

08-0122 Ignition System Tester

# V-TWIN BEARING TOOLS

## WHEEL BEARING REMOVER SETS

- Use a split collet design to remove radial ball bearings on Harley-Davidson® and American V-Twin motorcycles
- All sets include Large driver
- 08-0410 works with all 2007 Softail® Models, except the Springer® model front wheels

08-0271 3/4" Radial Ball Bearing Remover Set  
 08-0354 3/4" and 1" Radial Ball Bearing Remover Set  
 08-0410 Wheels Bearing Remover Set (includes 3/4", 1" & 25mm Removers)



### Replacement parts:

08-0260 Large Driver  
 08-0265 3/4" Remover  
 08-0267 25mm Remover  
 08-0381 1" Remover

25mm Remover 08-0265  
 3/4" Remover 08-0265  
 1" Remover 08-0381

## SWINGARM PIVOT BEARING PULLER FOR H-D®

- Used on Harley-Davidson®, Softtail® swingarm bearings & springer front fender mounting bearings
- Made in the USA

08-0140 Swingarm Pivot Bearing Puller for H-D®



# V-TWIN ENGINE SERVICE TOOLS

## 4-STROKE LEAK DOWN TESTER

- Designed to check the amount of cylinder leakage in a 4-stroke engine
- With an air source of 70 to 160 psi., this system will pressurize the cylinder with 60 psi. of air
- Gauge will register the total percentage of leakage past the rings, head gasket, intake and exhaust valves
- 10, 12, & 14mm spark plug thread hoses, regulator and gauge included
- Speeds up troubleshooting & helps to isolate bad components
- Packed in a convenient carry box, complete with instructions
- Replaces H-D® OEM # HD-35667-A

08-0126 4-Stroke Leak Down Tester

### Replacement parts:

- 08-126X Replacement 10mm Hose
- 08-126Y Replacement 12mm Hose
- 08-126Z Replacement 14mm Hose



## COMPRESSION TESTER

- Designed to check cylinder compression
- Contains hoses for 10, 12 & 14mm spark plug applications
- Features a quick disconnect with a pressure release valve and a 300 psi. gauge
- Packed in a convenient carry box, complete with instructions
- Replaces H-D® OEM # HD-33226-1

08-0188 Compression Tester

### Replacement parts:

- 08-126X Replacement 10mm Hose
- 08-126Y Replacement 12mm Hose
- 08-126Z Replacement 14mm Hose
- C08-188A Sniffer Valve (one required per hose)



## CLUTCH HOLDING TOOL

- Made from medium carbon steel with hardened jaws
- Hold clutch hubs, flywheels, gears, sprockets, etc.
- Features 8mm spanner pins
- Jaws open up to 5" wide
- Replaces H-D® OEM # HD-91042

08-0008 Clutch Holding Tool



## TAPPET TOOL

- O-ring design retains the tool in a 7/16" wrench or socket
- Hex 7/16" drive allows more rotation without touching engine cases
- Flange design allows downward force to be applied to tool
- For use on big twin (excluding twin cam) with slotted screw tappet oil filter screen cover
- Can be used without removing exhaust pipes on most bikes
- Tappet oil screen should be serviced every oil change

08-0339 Tappet Tool



## CLUTCH SPRING

### COMPRESSION TOOL FOR H-D®

- Fits most Harley-Davidson® 1340cc models from 90-01 and all XLH 883-1200cc models from 91-01 and all Buell models 97-01
- Sold as a kit
- Replaces H-D® OEM # HD-38515-A

08-0137 Clutch Spring Compression Tool for H-D®



# V-TWIN DRIVE TOOLS

## WHEEL ALIGNMENT TOOL

- For use on Softails®, Sportster®, and Dyna®
- Designed to help set rear wheel alignment
- Fast, accurate and easy to use
- Eliminates the need to use a tape measure
- Proper wheel alignment extends chain/sprocket and belt life

08-0368 Wheel Alignment Tool



## PRIMARY CHAIN ALIGNMENT TOOL

- For primary chain alignment
- For aligning the teeth on the clutch shell with the teeth on the motor sprocket
- Quick and easy to use
- Eliminates the need for taking multiple measurements
- Time saver
- For use on Big Twins with aluminum primary drives

08-0367 Primary Chain Alignment Tool



Motion Pro | Wheel Alignment Tool

- Tire Wheel Axle
- T-Handle & L-Handle
- Tool Kits
- Wrenches & Allen
- Chain & Belt Drive
- Tech Gear
- Bearing Tools & Pullers
- Suspension
- Carburetor
- Ignition
- Upper Engine
- Lower Engine
- Fuel System
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# V-TWIN DRIVE TOOLS

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Wrenches & Allen
Chain & Belt Drive
Tech Gear
Bearing Tools & Pullers
Suspension
Carburetor
Ignition
Upper Engine
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### CHAIN ALIGNMENT TOOL

- Quick and accurate alignment
- Tool body clamps squarely to rear sprocket so the alignment rod will indicate sprocket alignment to chain
- Made in the U.S.A.

**08-0048 Chain Alignment Tool**

### CHAIN BREAKER AND RIVETING TOOL

- Versatile enough to be used on cam chains or drive chains
- Will break chains from #35 to #630
- For chain #520 and up, it is recommended to grind the rivet head
- Each kit includes 3 pin sizes to fit most chains (2mm, 3mm, 4mm)
- Investment-cast, hardened body and redesigned body bolt
- Recommended for light to medium-duty use
- Kit includes press plates
- Replaces H-D® tool # HD-95021-29D

**08-0058 Chain Breaker & Riveting Tool**

#### Replacement parts:

- C08-058C Extractor Bolt
- C08-001D Spring
- 08-0059 2mm Pin
- 08-0060 3mm Pin
- 08-0061 4mm Pin
- 08-0062 Rivet Tip
- 08-0067 Press Plates



### JUMBO CHAIN TOOL

- Designed to break roller chain up to #630 (Fits all standard & O-ring chain sizes #520 to #630)
- Designed to rivet chain up to #530 (not #630)
- Master link side plate press kit included to press on side plates on chains up to #530 (not #630)
- Screws & attachments are heat treated for strength and durability
- The extractor pin is precisely guided by a removable guide, ensuring long pin life
- May be bolted to a work bench, supported in a vise or held by handle
- When bolted to a solid surface, air or electric wrenches may be used to break chain
- Recommended for heavy-duty use
- Great for use with the 08-0142 Quad Stake Rivet Kit (right)
- Replaces H-D® tool # HD-95021-29D

**08-0135 Jumbo Chain Tool**



- Replacement parts:
- 08-0D35 Pin
  - C08-001D Spring

### QUAD STAKE RIVET TOOL KIT

- The perfect complement to the 08-0135
- Retain that factory quad stake look
- Safely and properly peens soft-nose-type master link pin tip
- Not for use with hollow nose type master links

**08-0142 Quad Stake Rivet Tool Kit**



# V-TWIN DRIVE TOOLS

### CHAIN BREAKER

- For #420 to #530 chain
- Will push link pin completely through link/side plate
- Handle folds away for easy storage
- Replaceable pin is heat treated for strength and wear resistance
- Replaces H-D® tool # HD-95021-29D
- Will not work on EK 330 MVO/MVX Chain

**08-0001 Chain Breaker**

#### Replacement parts:

- 08-0002 Pin
- C08-001D Spring
- C08-001X Extractor Bolt for 08-0001
- C08-001Y Body Bolt for 08-0001



### MASTER LINK PLIERS

- Designed to simplify installation and removal of clip-type master links
- One tip is shorter and notched to be placed on the pin which allows the longer end to push the clip

**08-0230 Master Link Pliers**



### BELT TENSION GAUGE

- Compact design
- Scale for easy reference
- Designed to work with all belt drive models with a 10 lb. specification

**08-0350 Belt Tension Gauge**



# V-TWIN TOOLS OF CONVINIENCE



## ADJUSTABLE TORQUE WRENCH ADAPTOR

- Torque any fastener with a combination wrench or Allen wrench
- Will work with 6mm (1/4") through 19mm (3/4") combination wrenches
- Will work with (1/4") through (5/16") Allen wrenches
- Heat-treated steel with a black oxide finish
- 3/8" square drive is rated for a maximum torque of 90 ft-lbs

08-0380 Adjustable Torque Wrench Adaptor

## AMERICAN MULTI-PURPOSE TOOL

- Designed for roadside adjustments or service on motorcycles with SAE hardware
- Kit includes straight-slot, # 2 Phillips, Hex (1/8", 3/16", 7/32", 9/64", & 1/4"), & Torx® bits (T25, T27, & T40)
- Can be used to remove 5/16", 7/16", 1/2 and 9/16" nuts/bolts
- 7/16" and 1/2" sockets are also included
- Comes complete with a convenient durable nylon carrying case with belt loop

08-0173 American Multi-Purpose Tool

### Replacement parts:

- 08-0176 1/8" and 3/16" Allen Driver
- 08-0177 7/32" and 9/64" Allen Driver
- 08-0178 1/4" and T40 Torx® Driver
- 08-0179 T25 and T27 Torx® Driver
- 08-0180 Straight-Slot & #2 Phillips Driver



## VALVE CORE REMOVER

- Allows for easy removal and installation of standard valve cores in tubed or tubeless tires with valve stems (Schrader™ valve)

08-0183 Valve Core Remover



## SPOT LAMP HOLDER FOR H-D®

- Designed to align and hold the spot lamp during installation
- Works on most Harley-Davidson® motorcycles
- Made in the USA

08-0141 Spot Lamp Holder for H-D®



## STUD INSTALLATION TOOL

- Will install 3/8"-16 cylinder studs on most Harley-Davidson® motorcycles
- Will not damage stud threads
- Hex head is 3/4"
- Sold individually
- Black Oxide finish.

08-0148 Stud Installation Tool



## PROFESSIONAL TIRE PRESSURE GAUGE

- This tire pressure gauge was designed initially for professional race teams and is now available to the race enthusiast
- High quality 2.5" liquid filled gauge with multi-colored face (psi & kpa) with protective rubber boot
- Accurate to +/- 1.5% of maximum gauge reading
- Blue anodized 6061-T6 aluminum trapezoidal body with integrated push button bleeder valve for easy air pressure adjustments
- 18" premium hose with dual swivels and push-on ball chuck

08-0402 Pressure Gauge 2.5" 0-60 psi (Street)

08-0432 Glycerin refill for pressure gauge

# V-TWIN TIRE TOOLS

## BEAD POPPER™

- Designed for breaking the bead on street and off-road motorcycle tires
- Great for the shop, trail or on the road
- Compact and lightweight (only 3.7 oz) stores easily in your emergency tool pack or tool box
- Can be used with the wheel on or off the motorcycle
- Will not scratch the wheel
- Easier and more convenient than press or lever tools
- Durable, high-impact plastic
- Not for use on ATV tires
- Made in the U.S.A.

08-0439 Bead Popper™



## RIM PROTECTORS

- Protects your wheel from scratches and dings caused by tire changing tools
- Retrieval cords are included for easy use
- Replaces H-D® tool # HD-1289

08-0357 Rim Protector

## 16" STEEL TIRE IRON

- Cold forged steel
- Double-compound-curved tire tool
- Sold individually

08-0007 16" Steel Tire Iron



Tire Wheel Axle
T-Handle & L-Handle
Tool Kits
Wrenches & Allen
Chain & Belt Drive
Tech Gear
Bearing Tools & Pullers
Suspension
Carburetor
Ignition
Upper Engine
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## MOTION PRO HATS

- 100% cotton
- Embroidered Motion Pro® logo
- Flex Fit® hat
- S-M, L-XL

Small - Medium  
20-0222 Gray  
20-0220 Black

Large - X-Large  
20-0223 Gray  
20-0221 Black



## MOTION PRO T-SHIRT

- Navy, Black, White 100% cotton
- 3-color silk-screened (white, black, gray)
- Motion Pro® logo on front and back
- See MotionPro.com for details

Black		Blue	
20-0011	Small	20-0215	Small
20-0012	Medium	20-0216	Medium
20-0013	Large	20-0217	Large
20-0014	X-Large	20-0218	X-Large
20-0015	XX-Large	20-0219	XX-Large
White			
20-0210	Small		
20-0211	Medium		
20-0212	Large		
20-0213	X-Large		
20-0214	XX-Large		

- Tire Wheel Axle
- T-Handle & L-Handle
- Tool Kits
- Wrenches & Allen
- Chain & Belt Drive
- Tech Gear
- Bearing Tools & Pullers
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## SKULL CAP BEANIE

- Black Polyester knit
- Embroidered Motion Pro® logo
- One size fits all

20-0206 Skull Cap Beanie



## MOTION PRO QUARTER ZIP FLEECE

- 60/40 Cotton/Poly blend
- Embroidered Motion Pro® logo
- Quarter Zipper closure

20-0229	Small	20-0232	X-Large
20-0230	Medium	20-0233	XX-Large
20-0231	Large		



## MOTION PRO VISOR

- Velcro adjustable strap
- Embroidered Motion Pro® logo
- One size fits all

20-0225 Motion Pro Visor



## MOTION PRO JACKET

- Eisenhower Dickies jacket
- Grey shell with black diamond quilt inner lining
- 65% polyester and 35% cotton
- Embroidered patches (white, blue)
- Motion Pro® logo on front and back

21-0010	Small
21-0011	Medium
21-0012	Large
21-0013	X-Large
21-0014	XX-Large



## MOTION PRO HOODIE SWEATSHIRT

- Sueded fleece for extra soft finish
- Navy 9 oz. 80% cotton and 20% polyester
- Spandex in rib at cuff and waist
- Embroidered cuff patch
- Motion Pro® logo on chest
- See MotionPro.com for details

20-0081	Small
20-0082	Medium
20-0083	Large
20-0084	X-Large
20-0085	XX-Large

Motion Pro | MP Blue T-Shirt, MP Black Hat



## HAY BALE COVER

- Heavy-duty vinyl
- Silkscreened Motion Pro® logos

20-0122 Hay Bale Cover (east coast size 36" X 18" X 16")  
 20-0128 Hay Bale Cover (west coast size 43" X 19" X 16")



## BANNERS

- Large banner measures 3' x 8'
- Small banner measures 3' x 5'
- Silkscreened Motion Pro® logos

20-0010 Large Banner  
 20-0069 Small Banner

## PIT BOARD

- Constructed from high impact styrene
- Ready-write surface
- Silk-screened Motion Pro logo on back
- Includes one black Expo "Bold Dry Erase" marker

20-0205 Pit Board



## NEW 24 oz. BIG MOUTH WATER BOTTLE

- Features Motion Pro® logo on both sides
- Leakproof cap with SofTop Poppett™
- Easy squeeze low-density plastic
- Freezer and dishwasher safe
- FDA-approved plastic

20-0111 24 oz. Big Mouth Water Bottle

## KEYCHAIN

- Motion Pro® logo rubber keychain

20-0030 Keychain



## PIT CHAIR

- Back, seat and arm rest are made from heavy duty 1000d nylon
- Sturdy steel tube frame
- Padded armrest for comfort
- Chair folds for easy transport

20-0088 Pit Chair

Replacement parts:  
 C20-088A Chair Back  
 C20-088B Chair Arm



RPM Racing | Maria Forsberg - Motion Pro Pit Chair



## LICENSE PLATE FRAME

- Black with white raised logo/slogan
- Standard automotive size

20-0123 License Plate Frame

## HITCH COVER

- Black with white raised logo
- Fits 2" square hitch receiver

20-0124 Hitch Cover



Tire  
Wheel  
Axle

T-Handle &  
L-Handle

Tool Kits

Wrenches  
& Allen

Chain &  
Belt Drive

Tech Gear

Bearing Tools  
& Pullers

Suspension

Carburetor

Ignition

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Engine

Lower  
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# PROMOTIONAL DEALER DISPLAYS

## PATCHES

- Sew-on patches for race team shirts or leathers
- Available in two different styles measuring 4" x 2"

- 20-0071 White Oval Blue logo  
 20-0072 Blue Oval White logo



## STICKERS

- 20-0044 12" Silver Die Cut  
 20-0108 12" Red Die Cut  
 20-0109 12" Yellow Die Cut  
 20-0045 18" White Die Cut  
 20-0047 2" T2 Decal  
 20-0023 Black Fender Decal  
 20-0095 White Fender Decal  
 20-0110 Black/Silver Decal  
 20-0116 Blue/Silver Decal  
 20-0049 6" Specialty Tool Decal  
 20-0022 7" Dealer Window Decal  
 20-0025 2" Blue/White Oval



# DEALER DISPLAYS

## TOOL CENTER DISPLAY

*Increase Your Tool Sales with our Tool Display*

The Tool Center by Motion Pro is the most effective display available for immediate and dramatic increases in your tool sales. Turn your motorcycle-related tool sales into a profit center overnight!

## CREATE NEW PROFITS WITH THE TOOL CENTER BY MOTION PRO®

- Increase sales 3 to 5 times
- Efficient use of space
- Professional presentation
- Self-service display
- All day "silent salesman"
- Premium-quality construction

## SPINNING DISPLAY DIMENSIONS

- 64" High
- 15" Plasti-Slat wall sides
- Durable edge captures
- Sturdy, captured bearing spinning base
- Attention grabbing 10 1/2" x 22" silk-screened sheet metal sign
- Silk-screened graphics
- Assembly instructions included

01-0154 Motion Pro Tool Center

Ask your Motion Pro distributor salesman about our free Tool Center Dealer Programs



Off-Road Tool Center



## MULTI-PURPOSE TOOL SIX PACK DISPLAY

"MP" Tool Six-Pack counter display is designed to effectively increase "MP" Tool exposure and sales. The functionality of this display allows for self-sales. Just put it where the consumer can see it.

- Includes six "MP" Tools and display
- Ready to go out of the box
- Measures 8"(L) x 6 1/2"(W) x 14 1/4"(H)
- Easily fits on any counter

- 08-0280 6 - American "MP" Tools  
 08-0281 6 - Metric "MP" Tools  
 08-0282 3 - American, 3 - Metric "MP" Tools (combo)



08-0161 Multi-Purpose Tool (metric)

- Tire Wheel Axle
- T-Handle & L-Handle
- Tool Kits
- Wrenches & Allen
- Chain & Belt Drive
- Tech Gear
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- Suspension
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## STANDARD 8 1/2" STEEL TIRE IRON CARD OF 10

- Cold forged steel
- Available separately

08-0004 Card of 10



## MAGNETIC FINGER GLOVE CARD OF 6

- Magnetic finger tip holds small metal objects
- Great for starting or removing fasteners in hard to reach places
- 2-way stretch spandex
- Leatherette bottom and fingertip
- Stretch finger panels

21-0015 Magnetic Finger Glove Card of 6



## TOOL PACK HARDWARE KITS CARD OF 12

- Each 22 piece kit contains nuts, bolts and washers most commonly needed for Off-Road/MX repairs
- Designed for modern Off-Road, MX and Dual Sport motorcycles
- Developed to carry in any tool pack for trail side repairs
- See Motion Pro tool pack on page 19

### Includes 2 of each:

Description	Typical Uses
6mm Flange Nut	fenders
10mm Flange Nut	cylinder, kick starter
Flat Washer 6mm	fender, side panels, misc.
8mm Flange Nut	motor mount, exhaust mount
8X16 Flange Bolt	seat bolt
6mm Fender Washer	fender, side panel, misc.
8mm Flat Washer	fender, side panel, misc.
26X16 Flange Bolt	radiator, radiator shroud, air box, Kawasaki seat bolt
6mm Lock Nut	levers
6X20 Flange Bolt	side panels
6X20 Pan Screw	lever perches

33-1200 Tool Pack Hardware Kit - Zinc finish (card of 12)

33-1300 Tool Pack Hardware Kit - OE green (card of 12)



33-1201  
22 pc. Zinc Finish



33-1301  
22 pc. OE Green Finish



## TAPPET FEELER GAUGES CARDS OF 6

- Allows accurate tappet adjustments
- Angled blade for easy access to tappets
- Makes valve adjustments quick and easy
- Packed 6 per display card
- Made in the U.S.A.

08-0052 Sizes .002 - .003 in. (Card of 6)

08-0053 Sizes .004 - .005 in. (Card of 6)

08-0054 Sizes .006 - .008 in. (Card of 6)

08-0055 Mixed Set (2 of each/Card of 6)



## TAPPET FEELER GAUGE/SPARK PLUG GAP TOOL FOR KTM CARD OF 6

- For checking intake and exhaust valve clearance (0.12 mm/0.005 in.)
- For checking the spark plug gap (0.6 mm/0.024 in.)
- Angled and tapered blade for easy access
- Makes valve and spark plug gap adjustments quick and easy
- Packed 6 per display card
- Will fit all 02-05 KTM 250/450/525 4-strokes

08-0378 Tappet Feeler Gauge/Spark Plug Gap Tool Card of 6



- Tire Wheel Axle
- T-Handle & L-Handle
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# DEALER DISPLAYS

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## MOTOGRIPT™ TRAINER COUNTER DISPLAY

Don't let your grip slip away, use MotoGrip™ Trainer!

- Strengthen grip and forearm muscles anywhere – your car, desk, walking, etc.
- Helpful for all forms of riding: MX, Off-Road, trail, ATV, road and snowmobile
- When routinely used in 3 sets of 30 to 100 reps, MotoGrip™ Trainer noticeably improves finger-hand-forearm strength and endurance
- Built for high repetition endurance training
- Available in three different resistance levels 30, 40 and 50lbs max



17-0003  
50lb. max

17-0002  
40lb. max

17-0001  
30lb. max

**17-0004 MotoGrip™ Trainer POP display**  
(39 pcs/13 of each resistance + 3 attached samples)



## NEW CABLE HOLDER PACK OF 10

Reusable item makes displaying, organizing, restocking, and selling control cables much easier!

- Features an open hook, so that cables in the back of a rack can be removed without pulling all the cables that are in front of it
- Increase your sales and profitability by making cables a self-service item
- Made from durable ABS plastic
- Sold in packages of 10

**01-0158 Cable Holder (pack of 10)**

01-0153



01-0152

## CABLE RACK DISPLAYS

- (01-0152) Holds up to 200 cables on wall space of 18" x 11"
- (01-0153) Holds up to 500 cables on wall space of 36" x 17" with 14" depth
- Kit contains racks, end pieces, hardware and display header cards
- Durable epoxy finish

**01-0150 Cable Rack Display, 18" 1 Tier**

**01-0151 Cable Rack Display, 36" 1 Tier**

**01-0152 Cable Rack Display, 18" 2 Tier**

**01-0153 Cable Rack Display, 36" 3 Tier**



## LEVERMATE™ TEFLON® COATED SLEEVE CARD OF 12

Don't Break It... Rotate it with LeverMate™

- Helps prevent the accidental breakage of control levers, perches and master cylinders
- Allows rotation of perch and master cylinder assemblies flexible fiberglass reinforced Teflon® coated sleeve
- Can be installed on most OEM and aftermarket perches and master cylinders
- Easy installation
- Each pack comes with enough material for two bar clamps (perch or master cylinder)

**08-0418 LeverMate™ Teflon® Coated Sleeve (card of 12)**



## SEAL MATE™ CARD OF 12

- Don't replace another fork seal until you have tried the Seal Mate™
- Easy way to keep your fork seals clean and debris free
- Extract dirt and debris trapped between fork seal and tube
- Will work on conventional and up-side down forks
- Sold on a card of 12

**08-0356 Seal Mate™ (card of 12)**



# REFERENCE CHART

MODEL	YEAR	FLYWHEEL PULLER	FRONT AXLE NUT	REAR AXLE NUT	FRONT AXLE INTERNAL HEX SIZE	FORK TUBE DIAMETER	FORK CAP SIZE	FORK CAP BLEEDER SIZE	T-STEM TOP NUT	T-STEM SPANNER NUT	T-STEM SPANNER WRENCH	SPOKE NIPPLE SIZE	SPARK PLUG SIZE	RIM LOCK
<b>Honda</b>														
CRF50F	04-09	08-0026			N/A									
XR50R	00-03	08-0026			N/A							F-3.97 / R-3.97		
CR80R	96-02	08-0026			N/A	37mm		M5x0.8	30mm	42mm			13/16"	1.40F / 1.60R
CR80RB	96-02	08-0026			N/A	37mm		M5x0.8	30mm	42mm			13/16"	1.40F / 1.85R
CR85R	03-07	08-0026			N/A	37mm		M5x0.8	30mm	42mm		F-5.8 / R-5.8	13/16"	1.40F / 1.60R
CR85RB	03-07	08-0026			N/A	37mm		M5x0.8	30mm	42mm		F-5.8 / R-5.8	13/16"	1.40F / 1.85R
CRF80F	04-09	08-0026			N/A	27mm			30mm	46mm			13/16"	1.60R
XR80R	99-03	08-0026			N/A	27mm			30mm	46mm	08-0232	F-5 / R-5	5/8"	1.60R
XR100R	81-03	08-0026	19mm	19mm	N/A	27mm	17mm		30mm	46mm	08-0232	F-5 / R-5	5/8"	1.60R
CR125R	97-02	08-0026	22mm	32mm	19mm	46mm		M5x0.8	32mm	46mm	08-0232		13/16"	1.60F / 1.85R
CR125R	2003	08-0026	22mm	32mm	19mm	46mm		M5x0.8	32mm	46mm	08-0232	F-6 / R-6.8	13/16"	1.60F / 1.85R
CR125R	04-07	08-0026	22mm	32mm	19mm	47mm		M5x0.8	32mm	46mm	08-0232	F-6 / R-6.8	13/16"	1.60F / 1.85R
CRF150F	03-08				N/A	35mm			30mm	42mm		F-5.8 / R-5.8	18mm	1.40F / 1.60R
CRF150R	07-09	08-0257	22mm	24mm	N/A	46mm	17mm		30mm	42mm			5/8"	1.40F / 1.60R
CRF150RB	07-09	08-0257	22mm	24mm	N/A	46mm	17mm		30mm	42mm			5/8"	1.40F / 1.85R
CRF230F	03-08				N/A	37mm	17mm		30mm	42mm		F-5.8 / R-5.8	18mm	1.60F / 1.85R
CR250R	97-99	08-0026	24mm	27mm	19mm	47mm		M5x0.8	32mm	46mm	08-0232		13/16"	1.60F / 2.15R
CR250R	00-07	08-0026	22mm	32mm	19mm	47mm		M5x0.8	32mm	46mm	08-0232	F-6 / R-6.8	13/16"	160F / 2.15R
CRF250R	04-07	08-0257	22mm	32mm	19mm	47mm	50mm	M5x0.8	32mm	46mm	08-0232	F-6 / R-6.8	5/8"	160F / 2.15R
CRF250X	04-07	08-0257	22mm	32mm	19mm	47mm	50mm	M5x0.8	32mm	46mm	08-0232	F-6 / R-6.8	5/8"	160F / 2.15R
XR250R	00-04	08-0074	17mm	24mm	N/A	41mm		M5x0.8	30mm	42mm		F-6 / R-6	18mm	1.60F / 1.85R
XR400R	00-04	08-0086	17mm	24mm	N/A	43mm		M5x0.8	30mm	42mm		F-6 / R-6	18mm	160F / 2.15R
CRF450R	02-08	08-0257	22mm	32mm	19mm	47mm	50mm	M5x0.8	32mm	46mm	08-0232	F-6 / R-6	5/8"	160F / 2.15R
CRF450R	2009		22mm	32mm	19mm	48mm	49mm	M5x0.8	32mm	46mm	08-0232	F-6 / R-6.5	9/16"	160F / 2.15R
CRF450X	05-07	08-0425	22mm	32mm	19mm	47mm	50mm	M5x0.8	32mm	46mm	08-0232	F-6 / R-6	5/8"	160F / 2.15R
CR500	96-01	08-0026	22mm	27mm	N/A	46mm		M5x0.8	30mm	42mm			13/16"	160F / 2.15R
XR600R	88-00	08-0074	17mm	24mm	N/A	43mm		M5x0.8	30mm	42mm				160F / 2.15R
XR650R	00-07	08-0074	17mm	27mm	N/A	46mm		M5x0.8	30mm	42mm				160F / 2.15R

MODEL	YEAR	FLYWHEEL PULLER	FRONT AXLE NUT	REAR AXLE NUT	FRONT AXLE INTERNAL HEX SIZE	FORK TUBE DIAMETER	FORK CAP SIZE	FORK CAP BLEEDER SIZE	T-STEM TOP NUT	T-STEM SPANNER NUT	T-STEM SPANNER WRENCH	SPOKE NIPPLE SIZE	SPARK PLUG SIZE	RIM LOCK
<b>Kawasaki</b>														
KDX 50	03-06	08-0026										F-3.6 / R-3.6		
KX 60	88-03	08-0026			N/A	30mm			30mm	46mm			13/16"	1.40F / 1.60R
KX 65	03-09	08-0026			N/A	33mm			30mm	40mm	08-0235	F-5 / R-5	13/16"	1.40F / 1.60R
KX 80	98-01	08-0026			N/A	36mm			30mm	40mm	08-0235		13/16"	1.40F / 1.60R
KX 85	03-09	08-0026	17mm	19mm	N/A	36mm		M5x0.8	30mm	40mm	08-0235	F-6 / R-6	13/16"	1.40F / 1.60R
KX 100	03-09	08-0026	17mm	19mm	N/A	36mm		M5x0.8	30mm	40mm	08-0235	F-6 / R-6	13/16"	1.40F / 1.85R
KLX 110	03-09	08-0372			N/A	30mm			30mm	46mm		F-5 / R-5	5/8"	1.40F / 1.60R
KX 125	96-01	08-0026	22mm	27mm	19mm	46mm		M5x0.8	32mm	38mm	08-0233		13/16"	1.60F / 1.85R
KX 125	02-05	08-0026	22mm	32mm	19mm	48mm		M5x0.8	32mm	38mm	08-0233	F-6.8 / R-6.8	13/16"	1.60F / 1.85R
KDX 200/220	97-06	08-0026	19mm	27mm		43mm	17mm	M5x0.8	30mm	40mm	08-0235	F-6 / R-6	13/16"	1.60F / 2.15R
KX 250	00-02	08-0026	22mm	27mm	19mm	46mm		M5x0.8	32mm	38mm	08-0233		13/16"	1.60F / 2.15R
KX 250	03-04	08-0026	22mm	32mm	19mm	48mm	19mm	M5x0.8	32mm	38mm	08-0233	F-6.8 / R-6.8	13/16"	1.60F / 2.15R
KX 250	05-07	08-0026	22mm	32mm	19mm	48mm	49.5mm	M5x0.8	32mm	38mm	08-0233	F-6.1 / R-6.8	13/16"	1.60F / 2.15R
KX 250F	2004	08-0257	22mm	32mm	19mm	48mm	19mm	M5x0.8	32mm	38mm	08-0233	F-6.8 / R-6.8	5/8"	1.60F / 1.85R
KX 250F	2005	08-0257	22mm	32mm	19mm	48mm	19mm	M5x0.8	32mm	38mm	08-0233	F-6.1 / R-6.8	5/8"	1.60F / 1.85R
KX 250F	06-09	08-0257	22mm	32mm	19mm	47mm	50mm	M5x0.8	32mm	38mm	08-0233	F-6.1 / R-6.8	5/8"	1.60F / 1.85R
KLX 400	2003	08-0306	24mm	24mm	19mm	49mm		M5x0.8					5/8"	1.60F / 2.15R
KLX 450R	2008	08-0425	22mm	32mm	19mm	48mm	49mm	M5x0.8	32mm	38mm	08-0233	F-6.1 / R-6.8	5/8"	1.60F / 2.15R
KX 450F	06-09	08-0257	22mm	32mm	19mm	48mm	49mm	M5x0.8	32mm	38mm	08-0233	F-6.1 / R-6.8	5/8"	1.60F / 1.85R
KX 500	97-03	08-0026	22mm	27mm		46mm		M5x0.8	30mm	40mm	08-0235		13/16"	1.60F / 2.15R

MODEL	YEAR	FLYWHEEL PULLER	FRONT AXLE NUT	REAR AXLE NUT	FRONT AXLE INTERNAL HEX SIZE	FORK TUBE DIA.	FORK CAP SIZE	FORK CAP BLEEDER SIZE	T-STEM TOP NUT	T-STEM SPANNER NUT	T-STEM SPANNER WRENCH	SPOKE NIPPLE SIZE	SPARK PLUG SIZE	RIM LOCK
<b>KTM</b>														
50 Pro Jr	98-00				N/A				27mm			F-5 / R-5		
65 SX	99-01	08-0026			N/A				27mm				13/16"	
65 SX	03-09	08-0026			N/A	35mm			27mm			F-5.8 / R-5.8	13/16"	
85 SX	04-09	08-0026			N/A	43mm			27mm				13/16"	1.40F / 1.60R
105 SX	04-09	08-0026			N/A	43mm			27mm				13/16"	1.40F / 1.60R
125 EXC	98-99	08-0026	27mm	27mm	N/A	45mm		M4x0.7	27mm			F-7 / R-7	13/16"	160F / 2.15R
125 EXC	00-02	08-0026	27mm	27mm	17mm	43mm		M4x0.7	27mm			F-7 / R-7	13/16"	160F / 2.15R
125 SX	98	08-0026	27mm	27mm	N/A	45mm		M4x0.7	27mm			F-7 / R-7	13/16"	160F / 2.15R
125 SX	99	08-0026	27mm	27mm	N/A	50mm		M4x0.7	27mm			F-7 / R-7	13/16"	160F / 2.15R
125 SX	00-01	08-0026	27mm	27mm	17mm	43mm		M4x0.7	27mm			F-7 / R-7	13/16"	160F / 2.15R

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- Tool Kits
- Wrenches & Allen
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- Bearing Tools & Pullers
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- Carburetor
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# REFERENCE CHART

	MODEL	YEAR	FLYWHEEL PULLER	FRONT AXLE NUT	REAR AXLE NUT	FRONT AXLE INTERNAL HEX SIZE	FORK TUBE DIA.	FORK CAP SIZE	FORK CAP BLEEDER SIZE	T-STEM TOP NUT	T-STEM SPANNER NUT	T-STEM SPANNER WRENCH	SPOKE NIPPLE SIZE	SPARK PLUG SIZE	RIM LOCK
Tire Wheel Axle	KTM														
	125 SX	02-08	08-0026	27mm	27mm	N/A	48mm		M4x0.7	27mm			F-7 / R-7	13/16"	160F / 2.15R
T-Handle & L-Handle	200 EXC MXC	98-99	08-0026	27mm	27mm	N/A	45mm		M4x0.7	27mm			F-7 / R-7	13/16"	160F / 2.15R
	200 EXC MXC	00-02	08-0026	27mm	27mm	17mm	43mm		M4x0.7	27mm			F-7 / R-7	13/16"	160F / 2.15R
	200 EXC MXC SX	03-05	08-0026	27mm	27mm	N/A	48mm		M4x0.7	27mm			F-7 / R-7	13/16"	160F / 2.15R
Tool Kits	200 XC XC-W	06-08	08-0026	27mm	27mm	N/A	48mm		M4x0.7	27mm			F-7 / R-7	13/16"	160F / 2.15R
	250 EXC MXC SX	98-99	08-0026	27mm	27mm	N/A	50mm		M4x0.7	27mm			F-7 / R-7	13/16"	160F / 2.15R
	250 EXC MXC SX	00-01	08-0026	27mm	27mm	17mm	43mm		M4x0.7	27mm			F-7 / R-7	13/16"	160F / 2.15R
Wrenches & Allen	250 EXC MXC	2002	08-0026	27mm	27mm	17mm	43mm		M4x0.7	27mm			F-7 / R-7	13/16"	160F / 2.15R
	250 SX	2002	08-0026	27mm	27mm	N/A	48mm		M4x0.7	27mm			F-7 / R-7	13/16"	160F / 2.15R
	250 SX-F	06-08	08-0293	27mm	27mm	N/A	48mm		M4x0.7	27mm			F-7 / R-7	5/8"	160F / 2.15R
Chain & Belt Drive	250 EXC SX	03-05	08-0026	27mm	27mm	N/A	48mm		M4x0.7	27mm			F-7 / R-7	13/16"	160F / 2.15R
	250 EXC RFS	03-05	08-0293	27mm	27mm	N/A	48mm		M4x0.7	27mm			F-7 / R-7	5/8"	160F / 2.15R
Tech Gear	250 XC XC-W	06-07	08-0026	27mm	27mm	N/A	48mm		M4x0.7	27mm			F-7 / R-7	13/16"	160F / 2.15R
	250 XC XC-W	08-09	08-0293	27mm	27mm	N/A	48mm		M4x0.7	27mm			F-7 / R-7	13/16"	160F / 2.15R
	250 XCF XCFW	07-08	08-0293	27mm	27mm	N/A	48mm		M4x0.7	27mm			F-7 / R-7	5/8"	160F / 2.15R
Bearing Tools & Pullers	300 EXC MXC	98-99	08-0026	27mm	27mm	N/A	50mm		M4x0.7	27mm			F-7 / R-7	13/16"	160F / 2.15R
	300 EXC MXC	00-02	08-0026	27mm	27mm	17mm	43mm		M4x0.7	27mm			F-7 / R-7	13/16"	160F / 2.15R
	300 EXC MXC	03-05	08-0026	27mm	27mm	N/A	48mm		M4x0.7	27mm			F-7 / R-7	13/16"	160F / 2.15R
Suspension	300 XC XC-W	06-07	08-0026	27mm	27mm	N/A	48mm		M4x0.7	27mm			F-7 / R-7	13/16"	160F / 2.15R
	300 XC XC-W	08-09	08-0293	27mm	27mm	N/A	48mm		M4x0.7	27mm			F-7 / R-7	13/16"	160F / 2.15R
	380 MXC EXC SX	98-99	08-0026	27mm	27mm	N/A	50mm		M4x0.7	27mm			F-7 / R-7	13/16"	160F / 2.15R
Carburetor	380 MXC EXC SX	00-01	08-0026	27mm	27mm	17mm	43mm		M4x0.7	27mm			F-7 / R-7	13/16"	160F / 2.15R
	400 EXC SX	1998	08-0293	27mm	27mm	N/A	50mm		M4x0.7	27mm			F-7 / R-7	5/8"	160F / 2.15R
Ignition	400 EXC	1999	08-0293	27mm	27mm	N/A	43mm		M4x0.7	27mm			F-7 / R-7	5/8"	160F / 2.15R
	400 EXC SXC SX	2000	08-0293	27mm	27mm	17mm	43mm		M4x0.7	27mm			F-7 / R-7	5/8"	160F / 2.15R
Upper Engine	400 EXC MXC SX	2001	08-0293	27mm	27mm	17mm	43mm		M4x0.7	27mm			F-7 / R-7	5/8"	160F / 2.15R
	400 EXC MXC	02	08-0293	27mm	27mm	N/A	43mm		M4x0.7	27mm			F-7 / R-7	5/8"	160F / 2.15R
	400 EXC-G	2006	08-0293	27mm	27mm	N/A	43mm		M4x0.7	27mm			F-7 / R-7	5/8"	160F / 2.15R
Lower Engine	400 SX	02	08-0293	27mm	27mm	N/A	48mm		M4x0.7	27mm			F-7 / R-7	5/8"	160F / 2.15R
	450 EXC MXC SX	03-05	08-0293	27mm	27mm	N/A	48mm		M4x0.7	27mm			F-7 / R-7	5/8"	160F / 2.15R
	450 EXC-G XC-G	2006	08-0293	27mm	27mm	N/A	48mm		M4x0.7	27mm			F-7 / R-7	5/8"	160F / 2.15R
Fuel System	450 SXF	07-09	08-0293	27mm	27mm	N/A	48mm		M4x0.7	27mm			F-7 / R-7	5/8"	160F / 2.15R
	450 XCF XCFW	07-09	08-0293	27mm	27mm	N/A	48mm		M4x0.7	27mm			F-7 / R-7	5/8"	160F / 2.15R
	505 XCW	08-09	08-0293	27mm	27mm	N/A	48mm		M4x0.7	27mm			F-7 / R-7	5/8"	160F / 2.15R
Brake	520 EXC MXC	00-02	08-0293	27mm	27mm	17mm	43mm		M4x0.7	27mm			F-7 / R-7	5/8"	160F / 2.15R
	520 SX	00-01	08-0293	27mm	27mm	17mm	43mm		M4x0.7	27mm			F-7 / R-7	5/8"	160F / 2.15R
	520 SX	2002	08-0293	27mm	27mm	N/A	48mm		M4x0.7	27mm			F-7 / R-7	5/8"	160F / 2.15R
Snowmobile	525 EXC MXC SX	03-05	08-0293	27mm	27mm	N/A	48mm		M4x0.7	27mm			F-7 / R-7	5/8"	160F / 2.15R
	525 EXC-G XC-G	2006	08-0293	27mm	27mm	N/A	48mm		M4x0.7	27mm			F-7 / R-7	5/8"	160F / 2.15R
Accessories	950 ADVENTURE	03-05		32mm	32mm		48mm		M4x0.7	27mm			F-7 / R-7	5/8"	2.15F / 4.00R

	MODEL	YEAR	FLYWHEEL PULLER	FRONT AXLE NUT	REAR AXLE NUT	FRONT AXLE INTERNAL HEX SIZE	FORK TUBE DIA.	FORK CAP SIZE	FORK CAP BLEEDER SIZE	T-STEM TOP NUT	T-STEM SPANNER NUT	T-STEM SPANNER WRENCH	SPOKE NIPPLE SIZE	SPARK PLUG SIZE	RIM LOCK
Hardware	Suzuki														
Cables	JR 50	78-06	08-0026			N/A							F-3.6 / R-3.6		
	RM 65	2003	08-0026			N/A	33mm			30mm	40mm	08-0235	F-5 / R-5	13/16"	
Custom Cables	RM 80	89-01				N/A	35mm			30mm	40mm	08-0235		13/16"	1.40F / 1.60R
	RM 85	02-09				N/A	37mm	M5x0.8		30mm	40mm	08-0235	F-5 / R-5	13/16"	1.40F / 1.60R
	RM 85L	2003				N/A				30mm	40mm	08-0235		13/16"	1.40F / 1.85R
Controls	RM 100	2003	08-0026	17mm	19mm	N/A	36mm	M5x0.8		30mm	40mm	08-0235	F-6 / R-6	13/16"	1.40F / 1.85R
	DR-Z110	03-06				N/A	30mm			30mm	46mm		F-5 / R-5	5/8"	1.40F / 1.60R
	RM 125	2000	08-0026	22mm	24mm	19mm	47mm	M5x0.8		32mm	42mm	08-0234		13/16"	1.60F / 1.85R
V-Twin	RM 125	01-07	08-0026	21mm	24mm	19mm	47mm	50mm	M5x0.8	32mm	42mm	08-0234	F-6.8 / R-6.8	13/16"	1.60F / 2.15R
	RM 250	00-03	08-0026	22mm	24mm	19mm	46mm		M5x0.8	32mm	42mm	08-0234		13/16"	160F / 2.15R
	RM 250	04-05	08-0026	21mm	24mm	19mm	47mm	50mm	M5x0.8	32mm	42mm	08-0234	F-6.8 / R-6.8	13/16"	160F / 2.15R
Promotional	RM 250	06-09	08-0026	21mm	24mm	19mm	47mm	50mm	M5x0.8	32mm	42mm	08-0234	F-6.2 / R-6.6	13/16"	160F / 2.15R
	RM-Z 250	04-06	08-0257	22mm	32mm	19mm	48mm	49.5mm	M5x0.8	32mm	38mm	08-0233		5/8"	1.60F / 2.15R
	RM-Z 250	2007	08-0257	21mm	32mm	19mm	47mm	50mm	M5x0.8	32mm	42mm	08-0234	F-6.3 / R-6.8	5/8"	1.60F / 2.15R
Dealer Displays	RM-Z 250	08-09	08-0257	21mm	32mm	19mm	47mm	50mm	M5x0.8	32mm	42mm	08-0234	F-6.3 / R-6.8	5/8"	1.60F / 1.85R
	DR-Z 400	00-08	08-0306	24mm	24mm	19mm	49mm		M5x0.8					5/8"	160F / 2.15R
Reference Chart	RM-Z 450	05-07	08-0257	21mm	32mm	19mm	47mm	50mm	M5x0.8	32mm	42mm	08-0234	F-6.3 / R-6.8	5/8"	1.60F / 2.15R
	RM-Z 450	08-09	08-0257	21mm	32mm	19mm	47mm	50mm	M5x0.8	32mm	42mm	08-0234	F-6.3 / R-6.8	5/8"	1.60F / 1.85R

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# REFERENCE CHART

MODEL	YEAR	FLYWHEEL PULLER	FRONT AXLE NUT	REAR AXLE NUT	FRONT AXLE INTERNAL HEX SIZE	FORK TUBE DIAMETER	FORK CAP SIZE	FORK CAP BLEEDER SIZE	T-STEM TOP NUT	T-STEM SPANNER NUT	T-STEM SPANNER WRENCH	SPOKE NIPPLE SIZE	SPARK PLUG SIZE	RIM LOCK
<b>Yamaha</b>														
PW 50	81-07	08-0026				26mm							13/16"	
TTR 250	99-06					43mm								
YZ 80	00-01	08-0026				36mm							13/16"	1.40F / 1.60R
YZ 85	02-09	08-0026				36mm							13/16"	1.40F / 1.60R
YZ 125	99-03	08-0026	22mm	27mm	19mm	46mm		M5x0.8	30mm	40mm	08-0235	F-6.3 / R-6.8	13/16"	1.60F / 1.85R
YZ 125	2004	08-0026	22mm	27mm	19mm	48mm	50mm	M5x0.8	30mm	40mm	08-0235	F-6.3 / R-6.8	13/16"	1.60F / 1.85R
YZ 125	05-08	08-0026	22mm	27mm	19mm	48mm	49mm	M5x0.8	30mm	40mm	08-0235	F-6.3 / R-6.8	13/16"	1.60F / 1.85R
WR 250F	01-02	08-0160	22mm	27mm	19mm	46mm		M5x0.8	30mm	40mm	08-0235	F-6.3 / R-6.8	5/8"	1.60F / 1.85R
WR 250F	03-04	08-0386	22mm	27mm	19mm	46mm		M5x0.8	30mm	40mm	08-0235	F-6.3 / R-6.8	5/8"	1.60F / 1.85R
WR 250F	05-06	08-0386	22mm	27mm	19mm	48mm		M5x0.8	30mm	40mm	08-0235	F-6.3 / R-6.8	5/8"	1.60F / 1.85R
WR 250F	2007	08-0386	22mm	27mm	19mm	48mm		M5x0.8	32mm	42mm	08-0234	F-6.3 / R-6.8	5/8"	1.60F / 1.85R
YZ 250	00-03	08-0026	22mm	27mm	19mm	46mm		M5x0.8	30mm	40mm	08-0235	F-6.3 / R-6.8	13/16"	1.60F / 2.15R
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YZ 250F	2005	08-0026	24mm	27mm	19mm	48mm	49mm	M5x0.8	30mm	40mm	08-0235	F-6.3 / R-6.8	5/8"	1.60F / 2.15R
YZ 250F	2006	08-0026	22mm	27mm	19mm	48mm	49mm	M5x0.8	32mm	42mm	08-0234	F-6.3 / R-6.8	5/8"	1.60F / 2.15R
YZ 250F	07-09	08-0026	22mm	27mm	19mm	49mm	49mm	M5x0.8	32mm	42mm	08-0234	F-6.3 / R-6.8	5/8"	1.60F / 2.15R
WR 400F	98-00	08-0160	22mm	27mm	19mm	46mm		M5x0.8	30mm	40mm	08-0235	F-6.3 / R-6.8	5/8"	1.60F / 2.15R
YZ 400F	98-99	08-0026	22mm	27mm	19mm	46mm		M5x0.8	30mm	40mm	08-0235	F-6.3 / R-6.8	5/8"	1.60F / 2.15R
WR 426F	01-02	08-0160	22mm	27mm	19mm	46mm		M5x0.8	30mm	40mm	08-0235	F-6.3 / R-6.8	5/8"	1.60F / 2.15R
YZ 426F	00-02	08-0026	22mm	27mm	19mm	46mm		M5x0.8	30mm	40mm	08-0235	F-6.3 / R-6.8	5/8"	1.60F / 2.15R
WR 450F	2003	08-0386	22mm	27mm	19mm	46mm		M5x0.8	30mm	40mm	08-0235	F-6.3 / R-6.8	5/8"	1.60F / 2.15R
WR 450F	03-04	08-0390	22mm	27mm	19mm	46mm		M5x0.8	30mm	40mm	08-0235	F-6.3 / R-6.8	5/8"	1.60F / 2.15R
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YZ 450F	2003	08-0026	22mm	27mm	19mm	46mm		M5x0.8	30mm	40mm	08-0235	F-6.3 / R-6.8	5/8"	1.60F / 2.15R
YZ 450F	2004	08-0026	22mm	27mm	19mm	48mm	50mm	M5x0.8	30mm	40mm	08-0235	F-6.3 / R-6.8	5/8"	1.60F / 2.15R
YZ 450F	2005	08-0026	22mm	27mm	19mm	48mm	49mm	M5x0.8	30mm	40mm	08-0235	F-6.3 / R-6.8	5/8"	1.60F / 2.15R
YZ 450F	06-09	08-0257	22mm	27mm	19mm	48mm	49mm	M5x0.8	32mm	42mm	08-0234	F-6.3 / R-6.8	5/8"	1.60F / 2.15R

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- Chain & Belt Drive
- Tech Gear
- Bearing Tools & Pullers
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- Carburetor
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