

**FOX  
RACING  
SHOX  
OFF-ROAD DIVISION**

**FRS 35**

SINCE 1974  
FOX FACTORY INCORPORATED  
THIRTY FIVE YEARS OF SUSPENSION

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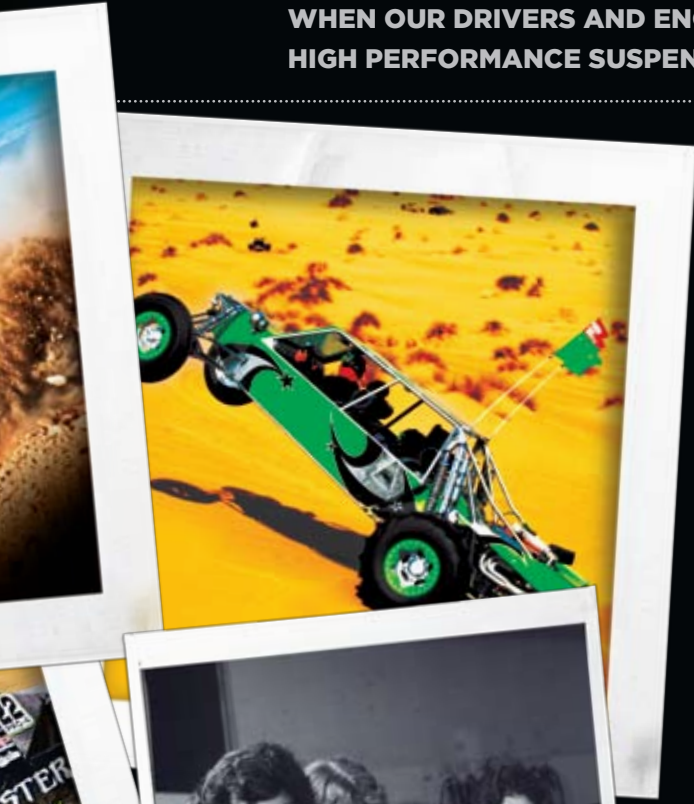
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**HERE AT FOX RACING SHOX, RACING IS OUR MIDDLE NAME.**

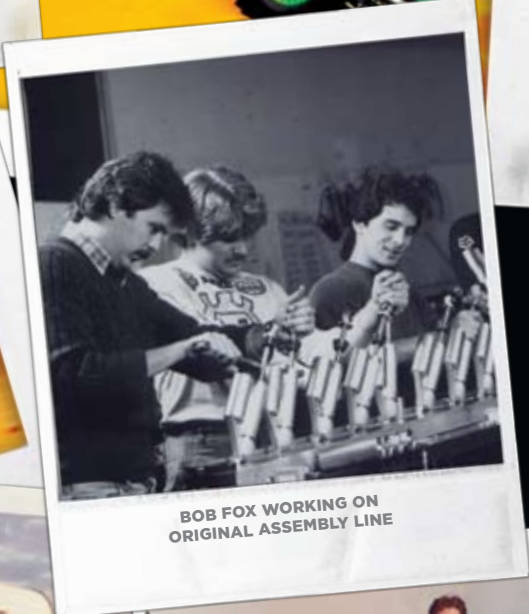
**IT IS PART OF WHO WE ARE AND WHAT WE DO. WE USE RACING TO TEST OUR EQUIPMENT IN THE WORLD'S ROUGHEST CONDITIONS BY THE WORLD'S BEST DRIVERS. WHEN OUR DRIVERS AND ENGINEERS WORK TOGETHER, THE END RESULT IS THE BEST HIGH PERFORMANCE SUSPENSION YOU CAN BUY.**



# FOX RACING SHOX SINCE 1974

**SINCE 1974 FOX RACING SHOX HAS DESIGNED AND MANUFACTURED THE FINEST SUSPENSION PRODUCTS FOR OFF-ROAD RACING VEHICLES, MOTORCYCLES, MOUNTAIN BIKES, ATV'S, AND SNOWMOBILES.**

**THE OFF-ROAD DIVISION IS LOCATED IN SANTEE, CA. WORLD HEADQUARTERS ARE IN SANTA CRUZ COUNTY, CA**



**BOB FOX WORKING ON ORIGINAL ASSEMBLY LINE**



**WEEKEND RACE SUPPORT**



**BOB FOX • 1970'S**



**PROTOTYPE 1970'S STYLE**

## DESIGNED SPECIFICALLY FOR PRE-RUNNERS, "LIMITED CLASSES", AND RECREATIONAL VEHICLES.

NON-COIL SHOCKS ARE AVAILABLE IN A BROAD RANGE OF SIZES, ALL SPECIFICALLY VALVED FOR YOUR APPLICATION. FOX HAS THE PERFECT SHOCK FOR YOUR PROJECT. OUR NON-COIL SHOCKS PROVIDE YOU WITH YEARS OF UNPARALLELED PERFORMANCE AT A COMPETITIVE PRICE.

### FAMILY FEATURES

<b>BODY</b>	<b>SMOOTH-BORE SEAMLESS ALLOY BODY</b>
<b>VALVING</b>	<b>TUNABLE VELOCITY SENSITIVE VALVING</b>
<b>BEARINGS</b>	<b>TEFLON LINED HEAT TREATED ALLOY STEEL SPHERICAL BEARINGS</b>
<b>SHAFTS</b>	<b>5/8" - ALLOY STEEL, HEAT TREATED, HARD CHROME PLATED 7/8" - STAINLESS STEEL 17-4 H900, HARD CHROME PLATED</b>
<b>BODY CAPS / EYELETS</b>	<b>6061-T6 BILLET ALUMINUM W/BLUE OR BLACK ANODIZING</b>
<b>BODY PLATING</b>	<b>CLEAR CADMIUM W/CLEAR COAT (CHROME OPTIONAL)</b>
<b>MOUNTING</b>	<ul style="list-style-type: none"> <li>• EMULSION SHOCKS MUST BE RUN BODY SIDE UP</li> <li>• RESERVOIR SHOCKS CAN BE RUN AT ANY ANGLE</li> </ul>
<b>PRESSURIZATION</b>	<b>NITROGEN GAS PRESSURIZED TO 200 PSI</b>
<b>SERVICE / TUNING</b>	<b>CONSUMER SERVICEABLE / TUNABLE</b>



#### MODEL:

**2.0 EMULSION**

#### MODEL SPECIFICATIONS:

SHAFT: 5/8" OR 7/8"

#### MOUNTING DIMENSIONS:

1/2" bolt diameter x 1 1/4" wide.  
Optional spacer 1/2" bolt diameter x 1 1/2" wide.

**2.0 REMOTE RESERVOIR**

SHAFT: 5/8" OR 7/8"

1/2" bolt diameter x 1 1/4" wide.  
Optional spacer 1/2" bolt diameter x 1 1/2" wide.

**2.0 PIGGY-BACK**

SHAFT: 5/8" OR 7/8"

1/2" bolt diameter x 1 1/4" wide.  
Optional spacer 1/2" bolt diameter x 1 1/2" wide.

**2.5 X 7/8  
REMOTE RESERVOIR**

SHAFT: 7/8"  
PISTON: HIGH FLOW, ALUMINUM

1/2" bolt diameter x 1 1/2" wide.  
Optional spacer 1/2" bolt diameter x 1 1/4" wide.

**3.0 X 7/8  
REMOTE RESERVOIR**

SHAFT: 7/8"  
PISTON: HIGH FLOW, ALUMINUM

1/2" bolt diameter x 1 1/2" wide.  
Optional spacer 1/2" bolt diameter x 1 1/4" wide.



JOHN HOLMES



2.5 X 7/8  
REMOTE RESERVOIR



3.0 X 7/8  
REMOTE RESERVOIR

HOSES:	TRAVEL: (SIZES LISTED IN INCHES)
N/A	5, 6.5, 8.5, 10, 11, 12, 14, 16
5/8" shaft = -5 x 12" 7/8" shaft = -8 x 14"	5, 6.5, 8.5, 10, 11, 12, 14, 16
N/A	8.5, 10, 11, 12, 14
> 90° or straight fittings. -10 x 18" > Custom lengths available.	8, 10, 12, 14, 16, 18
> 90° or straight fittings. -10 x 18" > Custom lengths available.	10, 12, 14

# FOX RACING SHOX BUMP STOP / AIR SHOCKS

## THE ONES THAT STARTED IT ALL. FOR FOX RACING SHOX.

INVENTED BY BOB FOX IN 1974, OUR CURRENT AIR SHOCK LINE UP HAS GROWN TO INCLUDE 2.0/2.5 STANDARD AND COIL-OVER AIR SHOCKS, AS WELL AS 2.0/2.5 BUMP STOPS. DESIGNED SPECIFICALLY FOR ROCK RIGS, PRE-RUNNERS, AND SAND CARS. THESE SHOCKS ARE COMPLETELY ADJUSTABLE TO ACCOMMODATE A WIDE RANGE OF SUSPENSION LOADS.

### FAMILY FEATURES

<b>BODY</b>	SMOOTH-BORE SEAMLESS ALLOY BODY
<b>VALVING</b>	TUNABLE VELOCITY SENSITIVE VALVING
<b>SHAFTS</b>	4130 ALLOY STEEL HARD CHROMED (SEE CHART BELOW FOR SIZING)
<b>BEARINGS</b>	TEFLON LINED HEAT TREATED ALLOY STEEL SPHERICAL BEARINGS
<b>BODY CAPS / EYELETS</b>	6061-T6 BILLET ALUMINUM (BUMP STOPS HAVE STEEL BODY CAPS)
<b>BODY PLATING</b>	CLEAR CADMIUM W/CLEAR COAT (CHROME OPTIONAL)
<b>MOUNTING</b>	MUST BE RUN BODY SIDE UP
<b>PRESSURIZATION</b>	NITROGEN GAS PRESSURIZED TO 50-500 PSI



2.0 BUMP STOP



2.5 BUMP STOP

#### MODEL:

**2.0 BUMP STOP**

#### MODEL SPECIFICATIONS

REPLACEABLE DELRIN PAD  
SHAFT: 1 1/4"

#### MOUNTING DIMENSIONS:

Fits 2.0" bump stop holders

#### TRAVEL: (SIZES LISTED IN INCHES)

2.5, 3, 4

**2.5 BUMP STOP**

REPLACEABLE DELRIN PAD  
SHAFT: 1 5/8"

Fits 2 1/2" bump stop holders

3.75



JASON PAULE



2.0 AIR SHOCK

2.5 AIRSHOCK

2.0 COIL OVER AIR SHOCK

MODEL:	MODEL SPECIFICATIONS	MOUNTING DIMENSIONS:	TRAVEL: (SIZES LISTED IN INCHES)
<b>2.0 AIR SHOCKS</b>	SHAFT: 1 1/4" MAX LOAD CAPACITY 500LB	1/2" bolt diameter x 1 1/4" wide. Optional spacers for 1 1/2" mounting width	4, 4.5, 5.5, 8.5, 10, 12, 14, 16, 18
<b>2.5 AIR SHOCKS</b>	SHAFT: 1 5/8" MAX LOAD CAPACITY 1200LB	1/2" bolt diameter x 1 1/2" wide. Optional spacers for 1 1/4" mounting width	12, 14, 16, 18
<b>2.0 COIL OVER AIR SHOCKS</b>	SHAFT: 1 1/4"	1/2" bolt diameter x 1 1/4" wide. Optional spacers for 1 1/2" mounting width	7.35, 9.35, 11.35, 13.35, 15.35, 17.35

## FOX NOW OFFERS AN EVER GROWING LINE OF OE REPLACEMENT SHOCKS.

OE MODELS ARE DESIGNED AND VALVED TO FIT YOUR TRUCK, SUV, OR UTV. FOX SHOCKS BOLT ON USING STOCK MOUNTING COMPONENTS. OUR SHOCKS IMPROVE YOUR VEHICLES LOOKS AND MORE IMPORTANTLY, INCREASE RIDE PERFORMANCE. OE REPLACEMENT SHOCKS WORK ON APPLICATIONS FROM COMPLETELY STOCK TO 8" LIFTS.

### FAMILY FEATURES

<b>BODY</b>	SMOOTH-BORE SEAMLESS ALLOY BODY
<b>VALVING</b>	TUNABLE VELOCITY SENSITIVE VALVING
<b>BEARINGS</b>	TEFLON LINED HEAT TREATED ALLOY STEEL SPHERICAL BEARINGS MODELS AVAILABLE WITH BUSHINGS, STEM MOUNTS AND CROSS BARS
<b>SHAFTS</b>	5/8" - ALLOY STEEL, HEAT TREATED, HARD CHROME PLATED 7/8" - STAINLESS STEEL 17-4 H900, HARD CHROME PLATED
<b>BODY CAPS / EYELETS</b>	6061-T6 BILLET ALUMINUM W/BLUE OR BLACK ANODIZING (WELDED STEEL STEM TOPS ON SOME MODELS)
<b>SPRINGS</b>	INCLUDED WITH SOME APPLICATIONS
<b>BODY PLATING</b>	CLEAR CADMIUM W/CLEAR COAT (CHROME OPTIONAL ON MOST MODELS)
<b>MOUNTING</b>	<ul style="list-style-type: none"> <li>• EMULSION SHOCKS MUST BE RUN BODY SIDE UP</li> <li>• RESERVOIR SHOCKS CAN BE RUN AT ANY ANGLE</li> </ul>
<b>PRESSURIZATION</b>	NITROGEN GAS PRESSURIZED TO 200 PSI
<b>SERVICE / TUNING</b>	CONSUMER SERVICEABLE / TUNABLE



2.0 EMULSION



2.0 REMOTE RESERVOIR



2.0 PIGGY-BACK  
W/CD ADJUSTER

SEE APPLICATION GUIDE FOR SPECIFIC FIT, MOUNTING AND SPECIFICATIONS.





2.0 COIL-OVER PIGGY-BACK UTV SHOCK



2.5 COIL OVER



# FOX COIL OVER SHOCKS

FROM THE FINISH LINE OF THE INDY 500 TO THE DESERTS OF DAKAR, FOX COIL OVER SHOCKS HAVE PROVEN THEMSELVES YEAR AFTER YEAR.

FOX ENGINEERS WORK WITH THE BEST SPRING MANUFACTURERS TO DEVELOP WINNING SPRING/SHOCK COMBINATIONS. MOST APPLICATIONS ARE DESIGNED FOR USE WITH A DUAL STAGE SPRING SET-UP. WHETHER YOU ARE UPGRADING YOUR OLD SAND RAIL OR BUILDING AN UNLIMITED TROPHY TRUCK, FOX HAS A COIL OVER SHOCK TO FIT YOUR NEEDS.

## FAMILY FEATURES

<b>BODY</b>	SMOOTH-BORE SEAMLESS ALLOY BODY
<b>VALVING</b>	TUNABLE VELOCITY SENSITIVE VALVING
<b>BEARINGS</b>	TEFLON LINED HEAT TREATED ALLOY STEEL SPHERICAL BEARINGS
<b>SHAFTS</b>	5/8" - ALLOY STEEL, HEAT TREATED, HARD CHROME PLATED 7/8" OR 1" - 17-4 H900 HARD CHROME PLATED
<b>BODY CAPS / EYELETS</b>	6061-T6 BILLET ALUMINUM W/BLUE OR BLACK ANODIZING
<b>BODY PLATING</b>	CLEAR CADMIUM (CHROME OPTIONAL)
<b>HARDWARE</b>	ALL NECESSARY DUAL STAGE HARDWARE INCLUDED (SPRINGS NOT INCLUDED ON MOST MODELS)
<b>MOUNTING</b>	<ul style="list-style-type: none"> <li>• EMULSION SHOCKS MUST BE RUN BODY SIDE UP</li> <li>• RESERVOIR SHOCKS CAN BE RUN AT ANY ANGLE</li> </ul>
<b>PRESSURIZATION</b>	NITROGEN GAS PRESSURIZED TO 200 PSI



### MODEL:

**2.0 EMULSION**

**2.0 REMOTE RESERVOIR**

**2.0 PIGGY-BACK**

**2.5 EMULSION**

**2.5 X 7/8 REMOTE RESERVOIR**

**2.5 PIGGY-BACK**

**3.0 X 1.0 REMOTE RESERVOIR**

### MODEL SPECIFICATIONS:

SHAFT: 5/8" OR 7/8"

SHAFT: 5/8" OR 7/8"

SHAFT: 5/8" OR 7/8"

SHAFT: 7/8" • PISTON: HIGH FLOW ALUMINUM

SHAFT: 7/8" • PISTON: HIGH FLOW ALUMINUM

SHAFT: 7/8" • PISTON: HIGH FLOW ALUMINUM

SHAFT: 1" • PISTON: HIGH FLOW ALUMINUM

### MOUNTING DIMENSIONS:

1/2" bolt diameter x 1 1/4" wide.  
Optional spacers for 1 1/2" mounting width

1/2" bolt diameter x 1 1/4" wide.  
Optional spacers for 1 1/2" mounting width

1/2" bolt diameter x 1 1/4" wide.  
Optional spacers for 1 1/2" mounting width

1/2" bolt diameter x 1 1/2" wide.  
Optional spacer 1/2" bolt diameter x 1 1/4" wide.

1/2" bolt diameter x 1 1/2" wide.  
Optional spacer 1/2" bolt diameter x 1 1/4" wide.

1/2" bolt diameter x 1 1/2" wide.  
Optional spacer 1/2" bolt diameter x 1 1/4" wide.

5/8" bolt diameter x 1 1/2" wide.



**CHUCK HOVEY**



**2.5 X 7/8  
REMOTE RESERVOIR**



**2.5 PIGGY-BACK**



**3.0 X 1.0  
REMOTE RESERVOIR**

**HOSES:**

N/A
5/8" shaft = -5 x 12" 7/8" shaft = -8 x 14"
N/A
N/A
> 90° or straight fittings. -10 x 18" (Custom lengths available)
N/A
> 90° or straight fittings. -12 x 18" (Custom lengths available)

**HARDWARE:**

DUAL STAGE SYSTEM - 2 1/2" I.D. SPRING
DUAL STAGE SYSTEM - 2 1/2" I.D. SPRING
DUAL STAGE SYSTEM - 2 1/2" I.D. SPRING
DUAL STAGE SYSTEM - 3" I.D. SPRING
DUAL STAGE SYSTEM - 3" I.D. SPRING
DUAL STAGE SYSTEM - 3" I.D. SPRING
DUAL STAGE SYSTEM - 3 5/8" I.D. SPRING

**TRAVEL:  
(SIZES LISTED IN INCHES)**

3.5, 5, 6.5, 8.5, 10, 12, 14, 16, 18
3.5, 5, 6.5, 8.5, 10, 12, 14, 16, 18
8.5, 10, 12, 14, 16, 18
8, 10, 12, 14, 16
8, 10, 12, 14, 16
8, 10, 12, 14, 16
12, 14, 16

## FOX'S TOP OF THE LINE SHOCKS.

OUR DIVERSE LINE OF BY-PASS SHOCKS INCLUDE THE ENTRY LEVEL 2.0 PIGGY BACK, THE PATENTED 2.5 INTERNAL BY-PASS, THE EVER POPULAR 2.5/3.0/3.5 PIGGY-BACKS, AND THE 4.4 - THE INDUSTRY'S LARGEST BORE PRODUCTION BY-PASS SHOCK. THESE SHOCKS ARE EXTERNALLY ADJUSTABLE AND POSITION SENSITIVE. BY-PASS ALLOWS YOU TO SPECIFICALLY TUNE YOUR SHOCK IN AN EXACT TRAVEL SECTOR, USING THE ADJUSTERS - BLUE HANDLES COMPRESSION, RED CONTROLS REBOUND AND GOLD IS FOR THE FREE BLEED.

### FAMILY FEATURES

<b>BODY</b>	<b>SMOOTH-BORE SEAMLESS ALLOY BODY</b>
<b>VALVING</b>	<b>TUNABLE VELOCITY SENSITIVE VALVING</b>
<b>PISTON</b>	<b>7075 HARD ANODIZED ALUMINIUM, HIGH FLOW (4.4 BY-PASS PISTON IS STAINLESS STEEL)</b>
<b>BEARINGS</b>	<b>TEFLON LINED HEAT TREATED ALLOY STEEL SPHERICAL BEARINGS</b>
<b>SHAFTS</b>	<b>7/8", 1", 1 1/4" - 17-4 H900 HARD CHROME PLATED</b>
<b>BODY CAPS / EYELETS</b>	<b>6061-T6 BILLET ALUMINUM W/BLUE OR BLACK ANODIZING</b>
<b>BODY PLATING</b>	<b>CLEAR CADMIUM (CHROME OPTIONAL)</b>
<b>MOUNTING</b>	<b>CAN BE RUN AT ANY ANGLE</b>
<b>PRESSURIZATION</b>	<b>NITROGEN GAS PRESSURIZED TO 200 PSI</b>



**2.0  
PIGGY-BACK**

**2.5  
REMOTE RESERVOIR  
(PIGGY-BACK AVAILABLE)  
CHROME OPTION SHOWN**

**3.0  
PIGGY-BACK**

#### MODEL:

**2.0 PIGGY-BACK**

#### MODEL SPECIFICATIONS:

SHAFT: 7/8"

#### MOUNTING DIMENSIONS:

1/2" bolt diameter x 1 1/4" wide.  
Optional spacers for 1 1/2"

**2.5 REMOTE RES.  
(PIGGY-BACK AVAILABLE)**

SHAFT: 7/8"

1/2" bolt diameter x 1 1/2" wide.  
Optional spacer 1/2" bolt diameter x 1 1/4" wide.

**2.5 INTERNAL PIGGY-BACK**

SHAFT: 7/8"

1/2" bolt diameter x 1 1/2" wide.  
Optional spacer 1/2" bolt diameter x 1 1/4" wide.

**3.0 PIGGY-BACK  
(REMOTE RESERVOIR AVAILABLE)**

SHAFT: 7/8" OR 1"

1/2" bolt diameter x 1 1/2" wide.  
Optional spacer 1/2" bolt diameter x 1 1/4" wide.

**3.5 PIGGY-BACK  
(REMOTE RESERVOIR AVAILABLE)**

SHAFT: 1"

1/2" bolt diameter x 1 1/2" wide (or)  
5/8" bolt diameter x 1 1/2" wide.

**4.4 PIGGY-BACK  
(REMOTE RESERVOIR AVAILABLE)**

SHAFT: 1 1/4"

5/8" bolt diameter x 1 1/2" wide



**JOHNNY GREAVES**



**2.5 INTERNAL PIGGY-BACK**



**3.5 PIGGY-BACK**



**4.4 PIGGY-BACK**

HOSES:	BY-PASS TUBE DIAMETER:	TRAVEL: (SIZES LISTED IN INCHES)
N/A	1/2" I.D.	10, 12, 14, 16
> 90° or straight fittings. -10 x 18" > Custom lengths available.	3/4" I.D.	8, 10, 12, 14, 16, 18
N/A	INTERNAL BYPASS	10, 12, 14, 16
N/A	3/4" I.D.	12, 14, 16, 18
N/A	3/4" I.D.	14, 16, 18
N/A	1" I.D.	12, 14, 16, 18

# FOX RACING SHOX SIDE BY SIDE SHOCKS

**FROM SHORT-COURSE RACING, TO POUNDING THROUGH THE DUNES OR HAULING A LOAD - THE 2.0 RC2 PROVIDES CONSISTENT, HEAVY-DUTY, FADE-FREE DAMPING PERFORMANCE.**

THE DEMANDING REQUIREMENTS OF PERFORMANCE SIDE-BY-SIDE VEHICLES NECESSITATE A LARGE DIAMETER PIGGYBACK RESERVOIR SHOCK. THE FOX 2.0" COIL-OVER PIGGYBACK SHOCK, NOW AVAILABLE WITH DUAL SPEED COMPRESSION ADJUST AND REBOUND ADJUST WILL LET YOU FINE-TUNE YOUR RIDE AND HANDLING TO SUIT PERSONAL PREFERENCE AND TERRAIN. THE LARGE DIAMETER SHOCK BODY AND PIGGYBACK RESERVOIR HELP TO DISSIPATE HEAT AND KEEP THINGS RUNNING COOL.

## FAMILY FEATURES

<b>BODY</b>	<b>SMOOTH-BORE SEAMLESS ALLOY BODY</b>
<b>VALVING</b>	<b>TUNABLE VELOCITY SENSITIVE VALVING</b>
<b>BEARINGS</b>	<b>TEFLON LINED HEAT TREATED ALLOY STEEL SPHERICAL BEARINGS</b>
<b>SHAFTS</b>	<b>5/8" - ALLOY STEEL, HEAT TREATED, HARD CHROME PLATED</b>
<b>BODY CAPS / EYELETS</b>	<b>6061-T6 BILLET ALUMINUM W/BLUE OR BLACK ANODIZING</b>
<b>BODY PLATING</b>	<b>CLEAR CADMIUM</b>
<b>SPRINGS</b>	<b>CHROME SILICON, HEAT-TREATED, SHOT PEENED RACE SPRINGS</b>
<b>MOUNTING</b>	<b>ROTATEABLE PIGGYBACK BRIDGE FOR EASY FITMENT IN ALL APPLICATIONS</b>
<b>PRESSURIZATION</b>	<b>NITROGEN GAS PRESSURIZED TO 200 PSI</b>



**2.0  
PIGGY-BACK**



**2.0  
PIGGY-BACK w/ DSC**



**2.0  
PIGGY-BACK w/ RC2**

**SEE APPLICATION GUIDE FOR SPECIFIC FIT, MOUNTING AND SPECIFICATIONS.**



# /// OFFROAD DIVISION FOX RACING SHOX

ALL FOX SHOCKS ARE BACKED WITH A 1 YEAR WARRANTY AGAINST ANY DEFECTS IN MATERIAL AND WORKMANSHIP. 60 DAY REVALVE GUARANTEE.

FOX'S SERVICE DEPARTMENT IS AVAILABLE FOR COMPLETE RACE SHOCK PREP AND WARRANTY SERVICE.

FOX OFFERS A COMPLETE LINE OF PARTS AVAILABLE TO REBUILD OR UPGRADE YOUR CURRENT SHOCKS.

MASTER PARTS LIST AVAILABLE.  
PLEASE CONTACT YOUR LOCAL DEALER OR FOX DIRECT.

[WWW.FOXRACINGSHOX.COM](http://WWW.FOXRACINGSHOX.COM)

