

23 MILES NE OF WARN HEADQUARTERS, COLUMBIA
GORGE. AUG. 17, 6:37 AM— When you make
aftermarket 4WD products you like to torture test
products on the way to work.



Warn Axles

Ordinary steel? Or aircraft alloy steel? Tough decision. Unless you're writing specs for Warn axle products. Warn's philosophy is simple: build axles tougher than the rocks they crawl over. You'll find 4340 chrome/nickel aircraft alloy forms the heart of our axle products. It has far better fatigue and strength characteristics than the mild steel used in most other axles.

During our proprietary forging process, every axle is splined by CNC machining and then heat treated for maximum strength. This gives the Warn axles a yield strength of 230,000 psi. Sound a little better than a stock axle's 90,000 psi or the average aftermarket axle's 125,000 psi? You bet it does.

Warn Axle products include: Full-float Rear Axles, High-strength Front Axles and Front Hub Conversion Kits. After what you've just read, would you consider anything else?



Full Float Rear Axles

Floating axles eliminate the solid axle having to support the weight of the vehicle as well as hold the wheels on. Because of the high yield strength of the Warn axle, you'll also find the largest spline count possible, limited only by the differential. The internal splined wheel hubs eliminate bolts and are guaranteed never to loosen. Warn also includes spring-loaded lipseals in the wheel hubs and spindles. O-ring seals are used on the hub lock interface. Disk Brake Brackets are available that are specifically designed to work with the Warn Floating Axle kits.

Warn full-floater kits with internal mount wheel hubs are now sold as a two part number system: a "foundation" kit and then your choice of drive flanges or hubs. Drive flanges are designed for people who do not flat tow or who experience excessive driveline backlash with a mechanical locker.

Heavy Duty Front Axles

Rigs that play hard such as Jeeps, Broncos, Scouts and Blazers can now get the Warn high strength 4340 alloy axles up front.

Warn axles are machined to accept a full-circle retaining ring which reduces the possibility of a U-joint cap slipping out, a leading cause of u-joint failure. They also allow the owners of early Dana 30 front axles with 260x U-joints to upgrade to the more robust 297x U-joint.

Warn axle shafts have proven more robust than stock axles and will normally survive a u-joint failure. Warn high-strength axles are warranted for the life of the original owner against all manufacturer's defects. However, because of individual driving styles, Warn will not warranty damaged axles yokes that were the result of a U-joint failure.

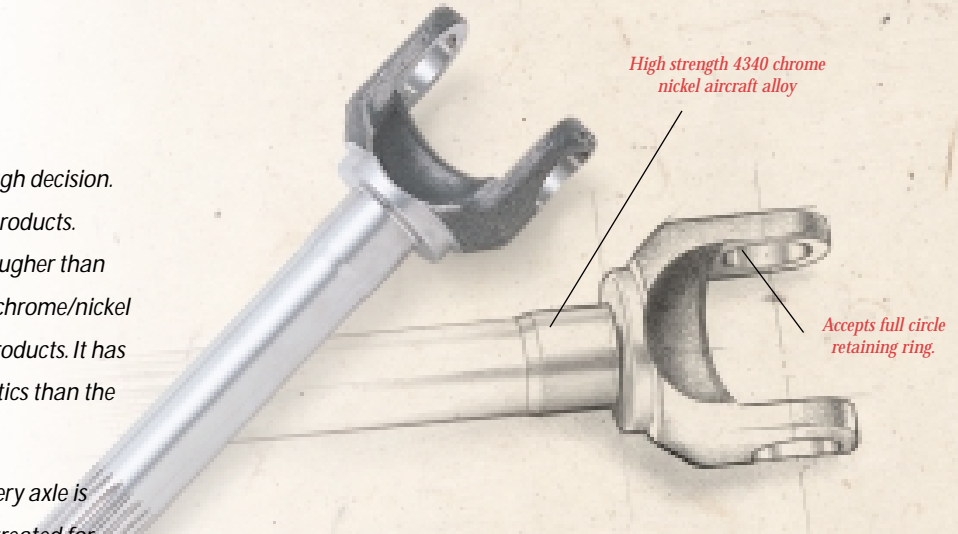


Front Hub Conversion Kits

Warn front hub conversions are engineered to make your vehicle more functional and durable.

For 1984 and newer Jeep Cherokees and '87 and newer Wranglers, Warn's front hub conversion allows you to use our flange mount hubs. Being able to disengage the front driveline improves drivability, reduces vehicle wear and increases mileage. Manual locking hubs are also highly recommended when using a front locking differential. For severe duty use these vehicles can also be equipped with Warn's 5 x 5.5 internal mount premium hubs.

Jeep and Scout owners can upgrade to Warn's 5 x 5.5 premium internal mount hubs. The internal mount design is more robust and eliminates the possibility of loose hubs.



4WD HUBS AND AXLES



High Strength Alloy Front Axles

Application Chart

NOTES:

- * Not for closed knuckle applications
- * Axle shafts are measured from the center of the U-joint to the end of the axle splines.
- 1 Blank axles are without differential splines, they are intended for custom length axles.
- 2 Use only with Warn's Front Hub Conversion
- 3 Must be used with Warn spindles or the stock spindles must be bored to 1.350"

	Year	PN	Length	Splines	U-Joint
INNER AXLE SHAFTS					
Chevrolet Corporate Pickup, Blazer (Left)	'79-87	39252	19.15	28	297X
Chevrolet Corporate Pickup, Blazer (Right)	'79-87	39253	35.46	28	297X
Chevrolet Dana 44 Pickup, Blazer (Left)	'69-78	38809	18.31	30	297X
Chevrolet Dana 44 Pickup, Blazer (Right)	'69-78	39529	36.13	30	297X
Ford Bronco (Left)	'67-71	38806	18.44	27	297X
Ford Bronco (Right)	'67-71	38807	28.06	27	297X
Ford Bronco (Left)	'71-77	38809	18.31	30	297X
Ford Bronco (Right)	'71-77	38810	27.94	30	297X
Ford Pickup, Full Size Bronco (Right)	'68-79	39144	33.91	30	297X
Ford Pickup, Full Size Bronco(Left)	'68-79	39143	18.91	30	297X
International Scout II (Left)	'71-80	38790	32.91	30	297X
International Scout II (Right)	'71-80	38808	14.78	30	297X
Jeep CJ (Left)	'72-81	38789	27.01	27	297X
Jeep CJ (Right)	'72-81	38803	14.14	27	297X
Jeep CJ7 (Left)	'82-86	38804	28.69	27	297X
Jeep CJ7 (Right)	'82-86	38805	15.82	27	297X
Jeep Wagoneer (Left)	'74-79	39339	33.19	30	297X
Jeep Wagoneer (Right)	'74-79	38808	14.69	30	297X
Jeep Wagoneer (Left)	'80-84	39461	32.12	30	297X
Jeep Wagoneer (Right)	'80-84	39459	15.8	30	297X
Jeep Wrangler (Left)	'87+	38821	16.63	27	297X
Jeep Wrangler (Right)	'87+	38875	32.25	27	297X
Inner Blank ¹		61553	22.00	Blank	297X
Inner Blank ¹		61554	36.25	Blank	297X

OUTER AXLE SHAFTS

Chevy K-10, Blazer	'73-87	38815	9.94	19	297X
Ford Bronco, F-150	'71-79	38816	9.72	19	297X
Jeep CJ/Scout II	'72-86	39105	8.72	27	297X
Jeep CJ/Scout II ³	'72-86	38248	8.72	30	297X
Jeep Wagoneer (Disk Brake)	'74-83	38815	9.94	19	297X
Jeep Wagoneer (Drum Brake)	'74-76	38816	9.72	19	297X
Jeep Wrangler ²	'87-94	38098	8.31	27	260X
Jeep Wrangler ²	'95+	37774	8.31	27	297X



Outer Shaft for Jeep CJ



Inner Shafts



Front Spindle

	Year	Axle	PN
FRONT SPINDLES			
JEEP CJ	'79-86	Disc Brake	38103
SCOUT II	'74-82	Disc Brake	38105



Front Hub Conversions

Application Chart

REPLACEMENT HUB LOCKS AND DRIVE FLANGES

	Spline Count	PN
Front Hub Conversion (Each)	27 Spline	37731
Front Hub Conversion (Set)	27 Spline	36940
Front Hub Conversion (Each)	30 Spline	60588
Front Hub Conversion (Set)	30 Spline	60165
Flange Mount Hublock (Each)	27 Spline	37781
Flange Mount Hublock (Set)	27 Spline	37780
Flange Mount Hublock (Each)	30 Spline	38428
Flange Mount Hublock (Set)	30 Spline	38370
Standard Duty Rear Full Floater Hublock (Each)	27 Spline	61902
Standard Duty Rear Full Floater Hublock (Set)	27 Spline	60163
Standard Duty Rear Full Floater Hublock (Each)	30 Spline	37730
Standard Duty Rear Full Floater Hublock (Set)	30 Spline	36655
Heavy Duty Rear Full Floater Hublock (Each)	30 Spline	39302
Heavy Duty Rear Full Floater Hublock (Set)	30 Spline	39301
Heavy Duty Rear Full Floater Hublock (Each)	35 Spline	38787
Heavy Duty Rear Full Floater Hublock (Set)	35 Spline	38786
Hub Seal Kit, Standard or Heavy Duty	—	60364
Standard Duty Drive Flange (Set)	27 Spline	39344
Standard Duty Drive Flange (Set)	30 Spline	39340
Heavy Duty Drive Flange (Set)	30 Spline	39345
Heavy Duty Drive Flange (Set)	35 Spline	39346

FRONT HUB CONVERSION

	Year	Hub Lock Splines	PN
International Harvester Scout ¹	'71-80	27 Spline	37132
International Harvester Scout ¹	'71-80	30 Spline	61650
Jeep CJ ¹	'72-86	27 Spline	37132
Jeep CJ ¹	'72-86	30 Spline	61650
Jeep Wrangler/Cherokee (using 260X U-Joint) ^{2,3,5}	'84-94	27 Spline	38006
Jeep Wrangler/Cherokee (using 297X U-Joint) ^{2,3,5}	'95+	27 Spline	38007
Jeep Wrangler/Cherokee (using 5x5 1/2 wheel bolt pattern— requires modified brakes) ^{2,4}	'84+	30 Spline	38109



Jeep CJ Internal Mount Front Hub Conversion kit



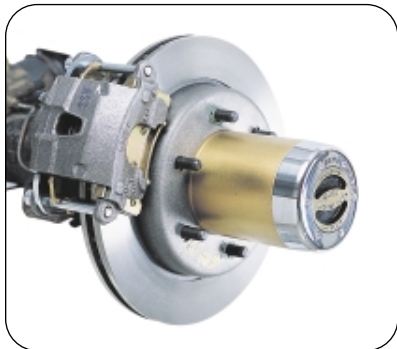
Jeep Wrangler 5 X 4.5 Flange Mount Front Wheel Hub Conversion Kit

NOTES:

- Tire sizes over 33" are not recommended on vehicles with 5x4.5 bolt pattern
- Requires reusing of stock bearings and seals. Optional disk bearing kit PN 38072 or drum bearing kit PN 38073
- Increases track width by 3/4" per side
- Full cast rotors must be purchased and the rotor pilot hole must be machined to 3.575 ±.015 before installation (Full cast rotor ITT PN 65225, Wagner PN BD125039, Raybestos PN 7142)
- Requires a modified '82-86 CJ7 front rotor
- Warning: loss of ABS braking

Disc Brake Brackets (for Warn Full Floaters only)

Application Chart



Disc Brake Conversion for Toyota

	AXLE	PN
Chevrolet 10/12 Bolt Heavy Duty only (Set) ³	Corporate 10/12 Bolt	60505
Dana 60 (Set) ²	Dana 60	38822
Ford '66-73 Bronco small bearing (Set) ²	Ford 9"	37948
Ford '66-75 Bronco big bearing (Set) ²	Ford 9"	37766
Ford '76-77 Bronco big bearing (Set) ²	Ford 9"	37765
Ford 9" (Torino pattern) (Set) ²	Ford 9"	38249
Ford 9" Heavy Duty (Set) ²	Ford 9"	37765
Ford 8.8" Standard and Heavy Duty (Set) ^{1,2}	Ford 8.8"	60350
International '71-80 Scout II (Set) ²	Dana 44	37764
Jeep CJ Dana 44 (Set) ²	Dana 44	37738
Jeep CJ AMC 20 (Set) ²	AMC 20	37739
Jeep '86 CJ7 Dana 44 (Set) ²	Dana 44	37763
Jeep '84-89 Wrangler/Cherokee (Set) ¹ (using 5 on 4 1/2 wheel)	Dana 35	38244
Jeep '84-89 Wrangler/Cherokee (Set) ² (using 5 on 5 1/2 wheel)	Dana 35	38360
Jeep '87-89 Cherokee (Set) ¹ (using 5 on 4 1/2 wheel)	Dana 44	38244
Jeep '90+ Wrangler/Cherokee (Set) ¹ (using 5 on 4 1/2 wheel)	Dana 35C	38243
Jeep '90+ Wrangler/Cherokee (Set) ² (using 5 on 5 1/2 wheel)	Dana 35C	38358
Jeep '98+ TJ Wrangler Dana 44 (Set) ¹ (using 5 on 4 1/2 wheel)	Dana 44	38259
Jeep '98+ TJ Wrangler Dana 44 (Set) ² (using 5 on 5 1/2 wheel)	Dana 44	37998
Toyota '63-83 FJ 40 & FJ 60 (Set) ³	Toyota	38600

NOTES:

- Warn disk brake brackets will only work with Warn floating axle kits
- Warn disk brake brackets are designed to work with GM metric or Cadillac calipers
- This is not a conversion kit, and will require extra parts (rotor and calipers) and a good knowledge of brake systems
- Uses a modified composite '90+ Wrangler front rotor
- Uses a modified '82-86 Jeep CJ-7 front rotor (for rear disc rotor is not modified)
- Uses a modified '88-91 K1500 GM front rotor



Full Float Rear Axles

Application Chart

HOW TO ORDER:

- Warn offers its full-floating rear axles with your choice of hubs or drive flanges. You will need to order two part numbers to make a complete kit: a foundation part number and the hub or drive flange number.

NOTES:

- Most rear brake drums must have the center hole enlarged to fit over the wheel hub.
- Full Float Axle Kits will increase track width by 1/4" to 3/8" per side.
- Warn Full Float Axle Kits are not compatible with other aftermarket disc brake conversion kits.

- Blank Axle Shafts are for custom width axle housings
- Wrangler/Cherokee 5 on 5.5" conversions will require 10" AMC 20 drum brakes or larger.
- 5 on 4.5" kits require the wheel center hole diameter to be 2.80" or larger.

	Photo	Year	Axle	Differential	Required part		
					Full Float Axle Foundation Kit	Full Float Hublock Set	Full Float Drive Flange Set
CHEVROLET							
Pickup & Blazer	A	'87 & Prior	Corporate 10/12 Bolt	30 Spline	61763	39301	39345
FORD							
Bronco	B	'66-75	9" big brng, 1/2" bolts	31 Spline	61762	36655	39340
Bronco	B	'76-77	9" big brng, 1/2" bolts	31 Spline	61761	36655	39340
Pickup & Bronco	A	'82-96	8.8"	31 Spline	61760	39301	39345
JEEP							
CJ	B	'71 & Prior	Dana 44	19 Spline	61757	36655	39340
CJ	B	'69-71	Dana 44	30 Spline	61756	36655	39340
CJ	B	'72-75	Dana 44	30 Spline	61755	36655	39340
CJ 5	B	'76-83	AMC 20	29 Spline	61754	36655	39340
CJ 7	B	'76-81	AMC 20	29 Spline	61754	36655	39340
CJ (With Quadtrac)	B	'76-79	AMC 20	29 Spline	61753	36655	39340
CJ 7 & CJ 8	B	'82-86	AMC 20	29 Spline	61752	36655	39340
CJ 7	B	'86	Dana 44	30 Spline	61751	36655	39340
Wrangler/Cherokee (5 on 4 1/2 wheel bolt pattern) ³	C	'84-89	Dana 35	27 Spline	61750	37780	N/A
Wrangler/Cherokee (5 on 5 1/2 wheel bolt pattern) ²	B	'84-89	Dana 35	27 Spline	61749	60163	39344
Wrangler/Cherokee (5 on 4 1/2 wheel bolt pattern) ³	C	'90-01	Dana 35C	27 Spline	61748	37780	N/A
Wrangler/Cherokee (5 on 5 1/2 wheel bolt pattern) ²	B	'90-01	Dana 35C	27 Spline	61747	60163	39344
TJ Wrangler (5 on 4 1/2 wheel bolt pattern) ³	C	'98-01	Dana 44	30 Spline	61746	38370	N/A
TJ Wrangler (5 on 5 1/2 wheel bolt pattern) ²	B	'98-01	Dana 44	30 Spline	61745	36655	39340
INTERNATIONAL HARVESTER							
Scout II	B	'71-80	Dana 44	30 Spline	61743	36655	39340
TOYOTA							
FJ40	A	'8/80 & Prior	Toyota	30 Spline	61742	39301	39345
FJ60	A	'82-91	Toyota	30 Spline	61741	39301	39345
FULL FLOAT REAR WITH 36.5" BLANK SHAFTS							
Dana 44 ¹	B	—	Dana 44	30 Spline	61744	36655	39340
Dana 60 ¹	A	—	Dana 60	35 Spline	61740	38786	39346
Ford Pickup & Full Size Bronco ¹	A	'66-81	9" big brng, 1/2" bolts	28/31 Spline	61759	39301	39345
Ford Pickup & Full Size Bronco ¹	A	'66-81	9" big brng, 1/2" bolts	35 Spline	61758	38786	39346

REAR AXLE SHAFTS

Shaft Type	Spline	PN
Replacement Rear Full Float Shaft	All	See Installation Instruction
Rear Axle Shaft (for 28/30 spline diff)	Blank	61575
Rear Axle Shaft (for 31 spline diff)	Blank	61576
Rear Axle Shaft (for 35 spline diff)	Blank	61577

REPLACEMENT SEAL KITS FOR FULL FLOAT AXLE KITS

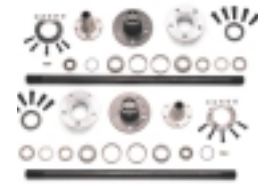
	PN
AMC 20	39335
Dana 35/35C	39336
Dana 44 ('75 & prior)	39334



(A) Ford 9" Heavy Duty Full Float Axle Foundation Kit with hublocks



(B) Jeep 5 on 5.5" Full Floating Axle Foundation Kit with hublocks



(C) Jeep 5 on 4.5" Full Floating Axle Kit





CLAWHAMMER TRAIL, JOHNSON VALLEY, CALIFORNIA. APRIL 10, 12:00—
There are definitely parts of the world where speed limits are best
measured by feet per minute, not miles per hour.