



HEAVY DUTY DYNATRAC™ J8 AXLE UPGRADES

DYNATRAC PROROCK 44™ FRONT AXLE UPGRADE FOR JEEP J8 MILITARY AND ARMORED VEHICLES

Jeep J8 military and armored vehicles provide forces and Government officials with safety and mobility. The worst possible situation is a drivetrain failure that immobilizes the vehicle and makes it a target for hostility. Even armored vehicles can only withstand limited exposure time to serious threats. Dynatrac specializes in drivetrain durability solutions that are battle proven, and cost effective to deploy. Dynatrac solutions will also reduce sustainment costs over the life of your defense program.

STAGE 1 DYNATRAC PROROCK 44™ FRONT AXLE

The ProRock 44 front axle upgrade is ideal for heavier military and armored J8 vehicles when a low-cost option is necessary to increase vehicle reliability, and reduce axle related failures. It is normally installed in conjunction with the factory J8 rear axle.

- The ProRock 44 is 100% Made in the USA
- Dynatrac ProRock 44 provides over twice the bending strength of a factory J8 housing
- Dynatrac ProRock 44 is equipped with 77mm OD x 13mm wall axle tubes compared to the factory J8 front axle which only has 64mm x 8mm wall axle tubing
- The Dynatrac ProRock 44 has a patented high-ground-clearance design which increases its ground clearance by 11mm, and reduces the frontal obstacle impact area by almost 30%
- The ProRock 44 end forging is made from US steel and is much stronger than stock – a critical upgrade for larger tires and heavy armored vehicle weights

- ProRock 44 end forging maintain proper wheel camber even under severe use
- The ProRock 44 readily accepts off-the-shelf J8 gears, shafts, wheel ends, brakes and other internal parts for low program sustainment costs
- The ProRock 44 is equipped with heavy-duty 5mm suspension brackets compared to the 3mm factory J8 brackets
- It is also equipped with heavy-duty cast, helical coil seats, and high-durability sway-bar tabs
- The ProRock 44 is equipped with patented Dynatrac ProSteer, high-durability ball joint assemblies
- The ProRock 44 includes a highly impact resistant nodular differential cover

View this video for more information on the Dynatrac ProRock 44:
<http://www.dynatrac.com/video prorock44.html>

STAGE 2 DYNATRAC PROROCK 44-HYBRID FRONT AXLE AND DYNATRAC 60 REAR AXLE

The ProRock 44-Hybrid™ provides all the benefits of the standard Dynatrac ProRock 44 upgrade, but is equipped with much stronger Pro60 full-floating wheel ends for additional weight capacity, up to 2500 kg. This includes larger knuckles, end forgings, and heat treated, high alloy spindles. The ProRock 44-Hybrid is packaged with either a Dynatrac Pro 60™ or ProRock XD60™ full-floating rear axle.

- The ProRock 44-Hybrid is the ideal solution for armored or heavily laden military J8 vehicles
- Dynatrac ProRock 44-Hybrid provides over 2.3 times the bending strength of a factory J8 front axle housing
- Dynatrac ProRock 44-Hybrid is equipped with 79.5mm OD x 13mm wall axle tubes compared to the factory J8 front axle which only has 64mm x 8mm wall axle tubing
- The ProRock 44-Hybrid readily accepts off the shelf J8 gears, and other internal parts for low program sustainment costs
- The ProRock 44-Hybrid is equipped with a selectable locking front differential for open diff or fully locked operation for maximum traction

- The ProRock 44-Hybrid is equipped with high strength, 38mm, 35-spline alloy steel axle shafts and Spicer 1480-series axle joints and 35-spline drive gear assemblies.
- The ProRock 44-Hybrid is equipped with 8 on 6.5-inch BC wheel pattern and 9/16-18 wheel studs, stock J8 thread
- The front brakes are upgraded to 333mm vented rotors and dual piston caliper assemblies for additional stopping of heavy vehicles
- The ProRock 44-Hybrid is fully compatible with JK and J8 ABS/ESP wheel sensors
- The width of the ProRock 44-Hybrid axle is increased to 1746mm (68.75 inches)
- The axle is supplied with a heavy duty tie-rod assembly and custom RH steering arm
- The axle is supplied with a compatible JK/J8 driveshaft companion flange



REAR AXLES DYNATRAC PRO 60™ AND PROROCK XD60™ REAR FULL-FLOATING AXLE UPGRADE FOR JEEP J8 VEHICLES

- The ProRock XD60 and Pro 60 rear axles are equipped with much stronger full-floating wheel ends for additional weight capacity, up to 3400 kg
- The Dynatrac ProRock XD60 has a patented high ground clearance design which increases its ground clearance by 14mm, and reduces the frontal obstacle impact area by almost 30%
- The ProRock XD60 and Pro60 are 100% Made in the USA
- Both axle versions are available with selectable locking and Trac-loc limited-slip differential options
- The Dynatrac Pro 60 is equipped with 89mm x 16mm wall axle tubes
- The Dynatrac ProRock XD60 is equipped with 95mm x 13mm wall axle tubes compared to the factory J8 rear axle which only has 88mm x 9.5mm wall axle tubing
- The Pro 60 readily accepts off the shelf J8 248mm rear axle gears, and other internal parts for low program sustainment costs. The ProRock XD60 uses high pinion, 258mm gears for additional ground clearance advantages
- The Pro 60 and ProRock XD60 include a highly impact resistant nodular differential cover
- The Pro 60 and ProRock XD60 are equipped with high strength, 38mm, 35-spline, alloy steel, full-floating, axle shafts

- The Pro60 and ProRock XD60 readily accept factory J8 rear brake assemblies and parking brake
- Both axles are fully compatible with JK and J8 ABS/ESP wheel sensors
- The width of the Pro 60 and ProRock XD60 axle is increased to 1746mm (68.75 inches)
- Both axles are equipped with 8 on 6.5-inch BC wheel pattern and 9/16-18 wheel studs, stock j8 thread
- The axle is supplied with a compatible JK/J8 driveshaft companion flange

