



ProROCK80®

The Dynatrac ProRock 80® is engineered to perform in the most abusive environments. This beam axle solution provides optimum strength and minimum size for vehicles up to 11,000 lbs. (4,990 Kg) GAWR.

The patented Dynatrac ProRock® design provides unbeatable ground clearance and reduces the frontal impact area by 30-percent. The smooth bottom of the ProRock 80 is engineered to take direct impacts from rocks.

The internals are just as robust as the housing, featuring an 11.25-inch (386 mm) ring gear and 40-spline (2 in./51 mm) axleshafts. The Dynatrac ProRock 80 accepts a number of differentials including limited-slip and selectable lockers.

The Dynatrac ProRock 80 is available as rear beam axle for multiple applications, including purpose-built vehicles.

All Dynatrac drivetrain systems are engineered to protect against field failures. These axles are cost-effective to deploy and they accept COTS service parts to make service around the world easy and cost-effective.

SPECIFICATIONS

- Highest strength-to-weight ratio in its class
- 40-spline chromoly axleshafts
- 11.25-inch (386 mm) ring gear
- Structurally-integrated nodular-iron differential cover engineered to take impact
- Aluminum differential cover is available for reduced-weight vehicle programs
- Low-pinion design
- Suitable for vehicles up to 11,000 lb. (4,990 Kg) GAWR
- Made in the USA



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DYNATRAC DEFENSE
THE PERFORMANCE AXLE SPECIALIST™

DYNATRAC® IS A FULL-SERVICE SOLUTIONS SUPPLIER

MILITARY EXPERIENCE

- Combat-proven drivetrain solutions
- 17 customers in the U.S. and abroad
- Dynatrac drivetrain solutions are in use in 22 different military vehicles deployed globally

ENGINEERING

- In-house, professional, system-level integration to component-level design
- Complete SME on drivetrain, suspension, vehicle dynamics, foundation brakes
- Maximize value and reduce cost with extensive leverage of COTS components
- Optimization of cost, weight, durability and performance
- Foundation brake program development that is cost-effective to deploy, uses COTS service parts and provides braking performance specifically engineered for combat vehicles

PRODUCTION

- All U.S. made castings, forgings and materials
- In-house machining, fabrication and assembly
- Scalable production rates from 1 to 1,000 units





TRAINING

- Drivetrain sustainment and reset processes
- Vehicle operations
- Off-road mobility and vehicle preservation skills

DYNATRAC VEHICLE-SPECIFIC DRIVETRAIN SOLUTIONS

- Custom designs that meet unique mission and packaging requirements
- Dynatrac serves vehicle requirements from 5K lbs. (2,270 kg) to 25K lbs. (11,340kg)
- Demanding vehicle packaging for internal air transport (CH/MH-47, V-22)
- Direct-fit and plug-in solutions for existing platforms
- Jeep JK and J8
- Land Rover Defender
- Toyota HiLux; Tacoma; Land Cruiser 76, 79 and 200
- Ford F-550, domestic and foreign vehicles
- Purpose-built vehicles

DYNATRAC DRIVETRAIN SOLUTIONS

	Dynatrac Axle	Front/Rear	Independent/ Beam
	ProRock 60-IFS/IRS™	Front and Rear	Independent
	ProRock XD60-IFS/IRS™	Front and Rear	Independent
	ProRock 80-IFS/IRS™	Front and Rear	Independent
	ProRock XD60™	Front and Rear	Beam
	ProRock 80®	Front and Rear	Beam
	ProRock 44™	Front	Beam

