

# TREMEC TR-2450™ Transmission

## 5-Speed RWD Manual Transmission

Designed for SUVs, pickup trucks, cross-over vehicles, delivery vans and commercial vehicles, the TREMEC TR-2450 5-speed rear-wheel transmission features aluminum die cast housing for lightweight, durable construction.

The helical, hobbled and shaved forward gears are fully synchronized with carbon and brass synchronizer, making the TR-2450 a reliable choice for moderate torque transfer applications.

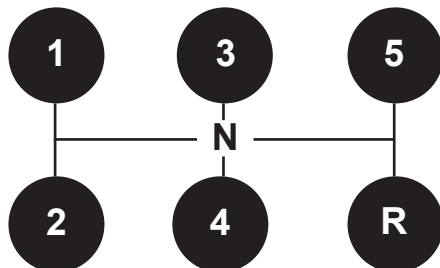
The TR-2450 features a single-rail shift system, aluminum shift forks, tapered roller bearings on the main countershafts and a lightweight aluminum case. This highly efficient design makes the TR-2450 one of the most power dense (torque-to-weight) transmissions available with excellent noise, vibration and harshness (NVH) characteristics.

The shifting mechanism can be specified as direct, semi-remote or remote cable.

### TR-2450 Features at a Glance:

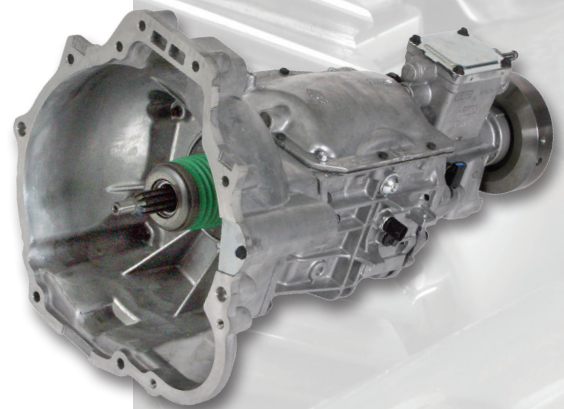
- Direct shift, semi-remote or cable shifting systems available
- Extremely lightweight at 35 kg (77 lb) dry
- Three-piece aluminum case, top-load design
- All gears synchronized, including reverse
- Hobbed and shaved gears, carbon and brass synchronizers
- Taper bearings at all positions
- All speed gears are supported by needle bearings
- Ideal for moderate horsepower builds where space is limited

### Shift Pattern



# TREMEC®

Torque Transfer Solutions®



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TREMEC TR-2450 Transmission Specifications								
Type:	Rear wheel drive, five-speed manual overdrive transmission							
Maximum gross vehicle weight:*	4,500 kg (9,900 lb) <i>*For reference only. Not applicable to a specific application</i>							
Case:	Three-piece die-cast aluminum alloy; top load design							
Center distance:	77 mm							
Overall length:	803 mm							
Clutch housing:	Integrated							
Synchronizer type:	Double and single cone							
Lubricant type:	ATF Dexron III / 15 W 30 Transmission Oil							
Lubricant capacity (approximate):	3.0 L (6.3 pt)							
Transmission weight:	Dry: 35 kg (77 lb)							
Power take off:	Not Available							
Available Gear Ratios <i>Alternative ratios available upon request; may result in different maximum input torque</i>	Gear	A	B	C	D	E	F	G
	1	4.20	3.35	3.97	4.03	4.03	4.47	4.62
	2	2.33	1.99	2.34	2.37	2.37	2.54	2.48
	3	1.42	1.33	1.46	1.49	1.49	1.48	1.51
	4	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	5	0.765	0.68	0.85	0.86	0.72	0.72	0.86
	R	3.76	3.15	3.71	3.76	3.76	3.79	4.00
Input Torque	260 Nm 192 lb-ft	420 Nm 310 lb-ft	340 Nm 250 lb-ft	340 Nm 250 lb-ft	340 Nm 250 lb-ft	350 Nm 258 lb-ft	217 Nm 160 lb-ft	