

TREMEC

Torque Transfer Solutions™

TREMEC TR-2450™ Transmission 5-Speed RWD Manual Transmission

TREMEC TR-2450 manual transmissions are highly versatile and have been installed as original equipment in numerous vehicle brands over the years.

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.

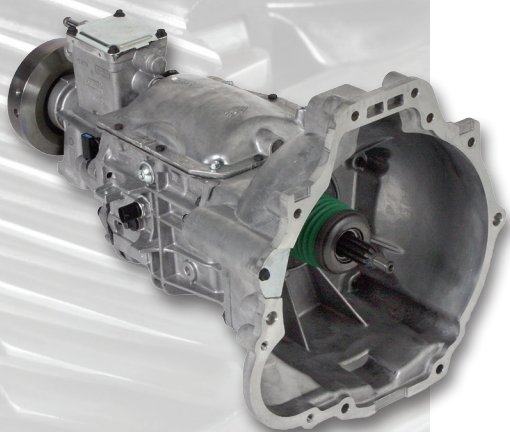
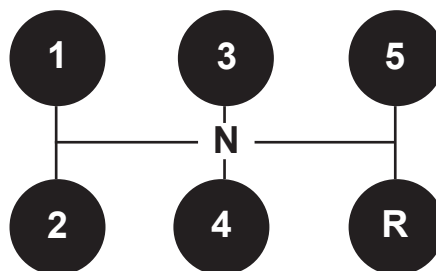
The TR-2450 features a single-rail shift system, aluminum shift forks, tapered roller bearings on the main countershafts and a lightweight aluminum case. This highly efficient design makes the TR-2450 one of the most power dense (torque-to-weight) transmissions available with excellent noise, vibration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





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TREMEC TR-2450™ Transmission

5-Speed RWD Manual Transmission

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:	Separate							
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	