



OVERVIEW

The new AxleTech T1224 transfer case is specifically designed to meet the rugged demands of high-mobility utility trucks. Our transfer case has a low-profile height which allows for a higher ground clearance, as well as shift-on-the-fly capabilities from low to high, or high to low speeds. Additional features include front axle pneumatic lockable for all wheel drive, forced lubrication, ribbed aluminum housings, and a wide variety of yokes and flanges. In addition to complete assemblies, we also offer components and remanufacturing of transfer cases.

FEATURES AND BENEFITS

Strength in design	Forged gears, ribbed aluminum housings, induction-hardened shafts, and tapered roller bearings ensure the transfer case is high-strength and lightweight while also prolonging product life.
Functionality	<ul style="list-style-type: none">– Low profile height allows for a higher ground clearance– Park brake available– Integral air actuated– Shift-on-the-fly capabilities from low to high, or high to low speeds using a synchromesh provides reliable and controllable shifting
Input speeds up to 4,000 RPM	Compatible to many engine / transmission powertrain combinations to meet OEM requirements
Internal lubrication system	<ul style="list-style-type: none">– Forced lubrication– External cooler not required

TECHNICAL SPECIFICATIONS

Transfer case model	T1224
Engine power HP (kW)	450 (336)
Maximum input speed RPM	4,000
Torque capacity - high range ft/lbs. (Nm)	13,000 (17,630)
High speed ratio	1.00
Low speed ratio	2.02
Differential	None; Front axle pneumatic lockable
Housing type	Aluminum
Drop sizes in (mm)	7.05 (179) vertical drop, 11.02 (280) horizontal offset to right
Weight lb (kg)	605 (275)
Options	<ul style="list-style-type: none">– Speed sensor– Stand-alone version– Park brake available

HEADQUARTERS

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