

TRANSMISSION SERVICING - M/T

MANUAL TRANSMISSION SERVICING Ford Motor Co.

LUBRICATION

SERVICE INTERVALS

Transmission & Transfer Case

Check fluid level whenever underhood maintenance is performed, leakage is detected or malfunction is suspected. Under normal driving conditions, replace transmission fluid every 60,000 miles. Under severe driving conditions, replace fluid more frequently.

CHECKING FLUID LEVEL

Transmission

Check lubricant level at filler plug hole on side of transmission. It should be level with bottom of filler hole. Add lubricant as needed.

Transfer Case

Remove filler plug. Transfer case is full if fluid drains out or is level with opening. Add lubricant as needed.

RECOMMENDED FLUID

TRANSMISSION

Refer to TRANSMISSION RECOMMENDED FLUID . For capacities, see TRANSMISSION REFILL CAPACITIES .

TRANSMISSION RECOMMENDED FLUID

Application	Fluid Type
Borg-Warner T-18 4-Speed	SAE 80W
Ford S5-42 ZF 5-Speed	Mercon ATF
Mazda M5OD 5-Speed Overdrive	(1)
Mitsubishi FM132, FM146 5-Speed Overdrive	SAE 80W
(1) Motorcraft Mercon ATF (XT-2-QDX or EAZ-19582).	

TRANSFER CASE

Motorcraft Mercon ATF (XT-2-QDX or EAZ-19582) should be used. For capacities, see TRANSFER CASE REFILL CAPACITIES .

FLUID CAPACITY

TRANSMISSION REFILL CAPACITIES

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Application	Capacity
Borg-Warner T-18 4-Speed	3.5 qts. (3.3L)
Ford S5-42 ZF 5-Speed	3.5 qts. (3.3L)
Mazda M5OD 5-Speed Overdrive	3.8 qts. (3.6L)
Mitsubishi FM132 5-Speed Overdrive	3.4 qts. (3.2L)
Mitsubishi FM146 5-Speed Overdrive	3.4 qts. (3.2L)

NOTE: Capacities given are approximate. Correct fluid level should be determined by level at filler plug hole.

TRANSFER CASE REFILL CAPACITIES

Application	Capacity
Borg-Warner 1345	3.3 qts. (3.0L)
Borg-Warner 1350	1.5 qts. (1.4L)
Borg-Warner 1354	1.3 qts. (1.2L)
Borg-Warner 1356	2.0 qts. (1.9L)
Borg-Warner 1359	1.5 qts. (1.4L)
Spicer TC-28	N/A