

# 1997 Mazda MX-5 Miata

1997-98 MANUAL TRANSMISSION SERVICING Mazda

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### Mazda

## APPLICATION

### TRANSMISSION APPLICATIONS

Vehicle Application	Transmission/Transaxle Model
B2300, B2500, B3000 & B4000	M50D-R1
Miata	M15M-D
MX-6 & 626	G25M-R
Protege	F25M-R

**NOTE:** Mazda B2300, B2500, B3000 and B4000 are referred to as B-Series throughout this article.

## LUBRICATION

### SERVICE INTERVALS

#### Fluid Inspection & Replacement

Check fluid level(s) at least once a year. Change transmission/transaxle and transfer case fluids every 60,000 miles for normal driving conditions and every 30,000 miles for severe driving conditions.

### CHECKING FLUID LEVEL

#### Transaxle Fluid

Remove fill plug from transaxle. Fluid should be up to bottom of fill hole on side of case.

#### Transmission Fluid (RWD Models)

Remove fill plug from transmission. Fluid should be up to bottom of fill hole on side of case.

#### Transfer Case Fluid (4WD)

Remove fill plug from transfer case. Fluid should be up to bottom of fill hole on side of transfer case.

## RECOMMENDED FLUID

### FLUID SPECIFICATIONS

Application	Recommended Fluid
Transmission	

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B-Series	MERCON Or M-III ATF
All Other Models	
All-Season Usage	(1) SAE 75W-90
Temp. Greater Than 50°F (10°C)	(1) SAE 80W-90
Transfer Case	
B-Series	Dexron-II Or MERCON ATF
(1) API GL-4 or GL-5.	

### FLUID CAPACITIES

#### TRANSMISSION/TRANSAXLE REFILL CAPACITIES

Application	Qts. (L)
B-Series	2.8 (2.6)
Miata	2.1 (2.0)
MX-6 & 626	2.9 (2.7)
Protege	2.9 (2.7)

#### TRANSFER CASE REFILL CAPACITY

Application	Qts. (L)
B-Series	1.3 (1.2)

### ADJUSTMENTS

#### GEARSHIFT LINKAGE

No external linkage adjustment is required.

### TORQUE SPECIFICATIONS

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Application	Ft. Lbs. (N.m)
Drain Plug <sup>(1)</sup>	
B-Series	30-43 (40-58)
Miata, MX-6, Protege & 626	30-43 (40-58)
Fill Plug	
B-Series	30-43 (40-58)
Miata	18-29 (24-39)
MX-6, Protege & 626	30-43 (40-58)
Transfer Case Plug (B-Series)	14-22 (19-30)

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	<b>INCH Lbs. (N.m)</b>
Speedometer Gear Bolt (FWD)	69-95 (8-11)
(1) Install NEW washer.	