

# TRANSMISSION SERVICING - M/T

## Article Text

1992 Mitsubishi Mirage

For Dan's Transmission Service 10 Jefferson Place Fort Walton Beach FL 32548

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Monday, April 01, 2002 09:17AM

## ARTICLE BEGINNING

1992 MANUAL TRANSMISSION SERVICING

Mitsubishi

Eclipse, Expo/Expo LRV, Galant, Mirage, Montero, Pickup,  
Precis, 3000GT

## IDENTIFICATION

### MANUAL TRANSMISSION APPLICATIONS TABLE

Model	Transmission/Transaxle (Model)
Eclipse	
1.8L SOHC .....	5-Speed Transaxle (F5M22)
2.0L DOHC .....	5-Speed Transaxle (F5M22)
2.0L DOHC (Turbo) .....	5-Speed Transaxle (F5M33)
Expo/Expo LRV	
FWD	
1.8L .....	5-Speed Transaxle (F5M22)
2.4L .....	5-Speed Transaxle (F5M31)
AWD	
1.8L .....	5-Speed Transaxle (W5M31)
2.4L .....	5-Speed Transaxle (W5M33)
Galant	
FWD	
SOHC .....	5-Speed Transaxle (F5M22)
DOHC .....	5-Speed Transaxle (F5M31)
AWD	
DOHC .....	5-Speed Transaxle (W5M31)
DOHC (Turbo) .....	5-Speed Transaxle (W5M33)
Mirage	
1.5L .....	5-Speed Transaxle (F5M21 or (F5M22)
1.6L .....	5-Speed Transaxle (F5M22)
Montero .....	5-Speed Transmission (V5MT1)
Pickup	
RWD .....	5-Speed Transmission (R5M21)
4WD .....	5-Speed Transmission (V5MT1)
Precis	
4-Speed .....	4-Speed Transaxle (KM200)
5-Speed .....	5-Speed Transaxle (KM201)
3000GT	
FWD .....	5-Speed Transaxle (F5M33)
AWD .....	5-Speed Transaxle (W5MG1)

## LUBRICATION

### SERVICE INTERVALS

Check transaxle/transmission and transfer case fluid level every 30,000 miles. Change fluid at 30,000 miles if operated under severe conditions.

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### CHECKING FLUID LEVEL

Transaxle/Transmission

Check fluid level at fill hole on side of transaxle or transmission. Lubricant must be at bottom of fill hole.

Transfer Case (Stealth & 3000GT)

Transfer case contains separate drain and fill plugs. Lubricant should be .5" (13 mm) from bottom of fill hole.

Transfer Case (Except Stealth & 3000GT)

Transfer case contains separate drain and fill plugs. Lubricant must be at bottom of fill hole.

### RECOMMENDED FLUID

Transaxle/Transmission

Use API classification GL-4 or higher SAE 75W-85W gear oil.

Transfer Case

Use API classification GL-4 or higher SAE 75W-85W gear oil.

### FLUID CAPACITIES

#### TRANSMISSION REFILL CAPACITIES TABLE

Application	Pts. (L)
Eclipse (Non-Turbo), Galant (FWD) & Mirage (1.6L) .....	3.8 (1.8)
Eclipse (Turbo) .....	4.9 (2.3)
Expo/Expo LRV	
FWD	
1.8L .....	3.8 (1.8)
2.4L .....	5.0 (2.4)
AWD .....	5.0 (2.4)
Galant (AWD) .....	4.9 (2.3)
Mirage (1.5L)	
F4M21 .....	3.6 (1.7)
F5M21 .....	3.8 (1.8)
Montero .....	5.3 (2.5)
Pickup	
RWD .....	4.9 (2.3)
4WD .....	4.6 (2.2)
Precis	
KM200 .....	3.6 (1.7)
KM201 .....	3.8 (1.8)
3000GT	
FWD .....	4.9 (2.3)
AWD .....	5.0 (2.4)

#### TRANSFER CASE REFILL CAPACITIES TABLE

Application	Pts. (L)
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Eclipse	1.3 (0.6)
Expo/Expo LRV	1.3 (0.6)
Galant	1.3 (0.6)
Montero	4.9 (2.3)
Pickup	4.6 (2.2)
3000GT	.6 (.3)

## ADJUSTMENTS

### SELECT CABLE

- 1) Place transaxle side shift lever in Neutral. This will also place transaxle side select lever in Neutral. See Fig. 1.
- 2) Loosen selector cable adjuster nuts (inside of vehicle). See Fig. 2. With select lever in Neutral, adjust select cable end until eye fits easily over select lever pin. Tighten adjuster nuts.

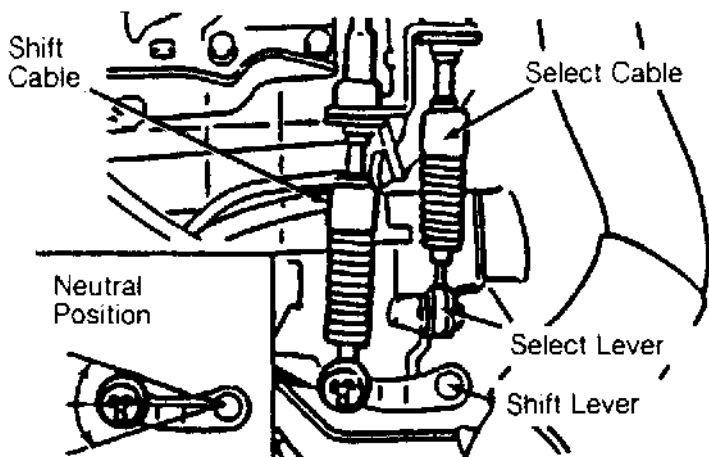


Fig. 1: Transaxle Control Cables (Typical)  
Courtesy of Mitsubishi Motor Sales of America.

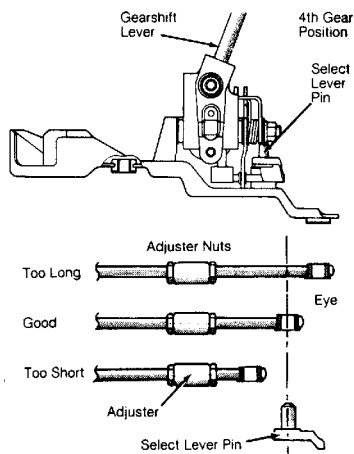


Fig. 2: Adjusting Select Cable (Typical)  
Courtesy of Mitsubishi Motor Sales of America.

### SHIFT CABLE & GEARSHIFT LEVER

- 1) With transaxle select lever in Neutral, move gearshift

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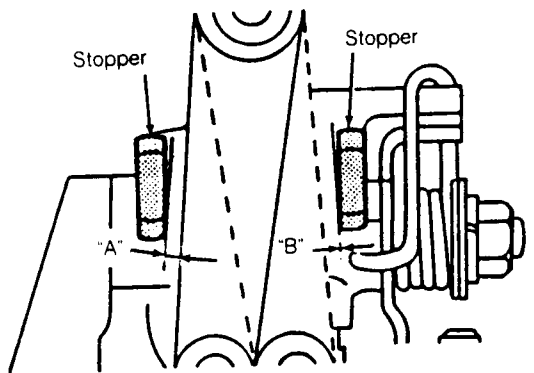
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lever into 4th gear. It may be necessary to depress clutch pedal.

2) Loosen shift cable adjuster nuts (inside of vehicle). Disconnect cable end from shift lever pin. Tilt gearshift lever into 4th gear position until it touches stopper. See Fig. 3. Hold lever in this position, and adjust shift lever cable until it aligns with shift lever pin.

3) Move shift lever between 3rd, Neutral and 4th gear positions. Shift lever-to-stopper clearances should be equal on both sides of lever. See Fig. 3. If clearances "A" and "B" are not equal, readjust shift cable. Road test vehicle to ensure proper adjustment and smooth shifting.



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Fig. 3: Adjusting Shift Cable (Typical)  
Courtesy of Mitsubishi Motor Sales of America.

## TORQUE SPECIFICATIONS

### TORQUE SPECIFICATIONS TABLE

Application	Ft. Lbs. (N.m)
Drain Plug & Filler Plug	
Except Montero & Pickup .....	22-25 (30-34)
Montero & Pickup	
RWD .....	22-25 (30-34)
4WD .....	40-61 (54-83)

END OF ARTICLE