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# TRANSMISSION REMOVAL & INSTALLATION - M/T

## Article Text

1983 Mazda RX7

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Sunday, August 26, 2001 06:31PM

### ARTICLE BEGINNING

Manual Transmission Removal

1983 RX7

### REMOVAL & INSTALLATION

#### Removal

1) Disconnect negative battery cable. Place gearshift lever in neutral position, and remove gearshift knob. Remove console box (if equipped) and gearshift lever.

2) On RX7, remove air cleaner and upper transmission-to-engine bolts. Raise and support vehicle and drain transmission. Disconnect and remove drive shaft. Disconnect and/or remove under cover, exhaust components and emission control components as required.

3) Remove clutch slave cylinder and place out of the way without removing hydraulic line. Disconnect and remove starter, speedometer cable, back-up light wires and other electrical connections.

4) Place jack under rear of engine, protecting oil pan with wooden block. Position transmission jack under transmission and remove transmission-to-engine mounting bolts. If equipped, remove transmission-to-crossmember bolts, crossmember-to-frame bolts and crossmember. Slide transmission back until input shaft is cleared. Remove from vehicle.

#### Installation

To install, reverse removal procedure, ensuring that splines in input shaft align with those in clutch disc.

### END OF ARTICLE

**TRANSMISSION SERVICING - M/T**

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**ARTICLE BEGINNING**

Manual Transmission Servicing

1983 B2000 & B2200 Pickups, GLC, GLC Wagon, RX7 & 626

**LUBRICATION**

**SERVICE INTERVALS**

Replace lubricant every 30,000 miles and check lubricant level every 7,500 miles.

**FLUID LEVEL**

GLC & 626

Remove speedometer cable and driven gear from transaxle case. Use "L" and "F" marks on speedometer gear housing to check lubricant level. If necessary, add oil through this opening.

All Others

Check lubricant level at fill hole. Lubricant level should be to bottom of fill hole.

**FLUID TYPE**

Hypoid SAE 80W/90 (API GL-4 or GL-5)

**FLUID CAPACITY**

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| Application   | Capacity        |
|---------------|-----------------|
| B2000 & B2200 |                 |
| 4-Speed ..... | 1.6 qts. (1.5L) |
| 5-Speed ..... | 1.8 qts. (1.7L) |
| GLC .....     | 3.4 qts. (3.2L) |
| GLC Wagon     |                 |
| 4-Speed ..... | 1.4 qts. (1.3L) |
| 5-Speed ..... | 1.8 qts. (1.7L) |
| RX7 .....     | 2.1 qts. (2.0L) |
| 626 .....     | 3.6 qts. (3.4L) |

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**ADJUSTMENT**

**LINKAGE**

No external linkage adjustment is required.

**END OF ARTICLE**