

TRANSMISSION REMOVAL & INSTALLATION - M/T

1994 Mitsubishi 3000GT

1993-94 MANUAL TRANSMISSION REMOVAL & INSTALLATION
Chrysler/Mitsubishi

Chrysler Corp.: Stealth;
Mitsubishi: 3000GT

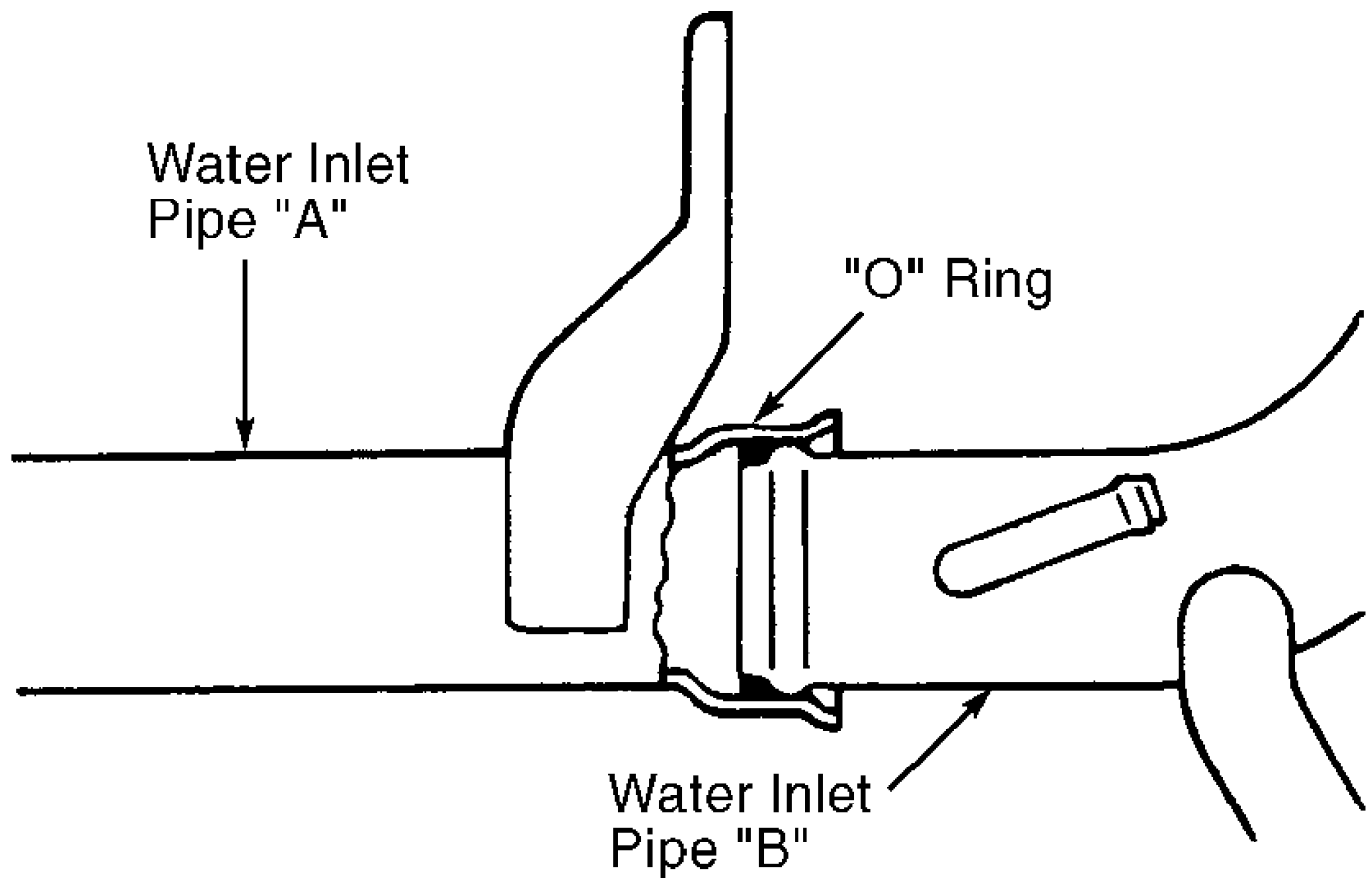
REMOVAL & INSTALLATION

TRANSAXLE

Removal

1) Remove both inner fender splash shields. On AWD models, remove air cleaner cover, air hoses and vacuum pipe. On all models, remove air cleaner, intake hose, battery, battery tray and washer tank.

2) On Stealth SOHC, disconnect lower radiator hose and water inlet pipe "B". See Fig. 1. On all models, disconnect transaxle control cables and speedometer cable.



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Fig. 1: Identifying Water Inlet Pipes (Stealth SOHC)
Courtesy of Mitsubishi Motor Sales of America.

3) Remove clutch tube bracket and disconnect clutch release cylinder (including clutch damper assembly on FWD models) and wire

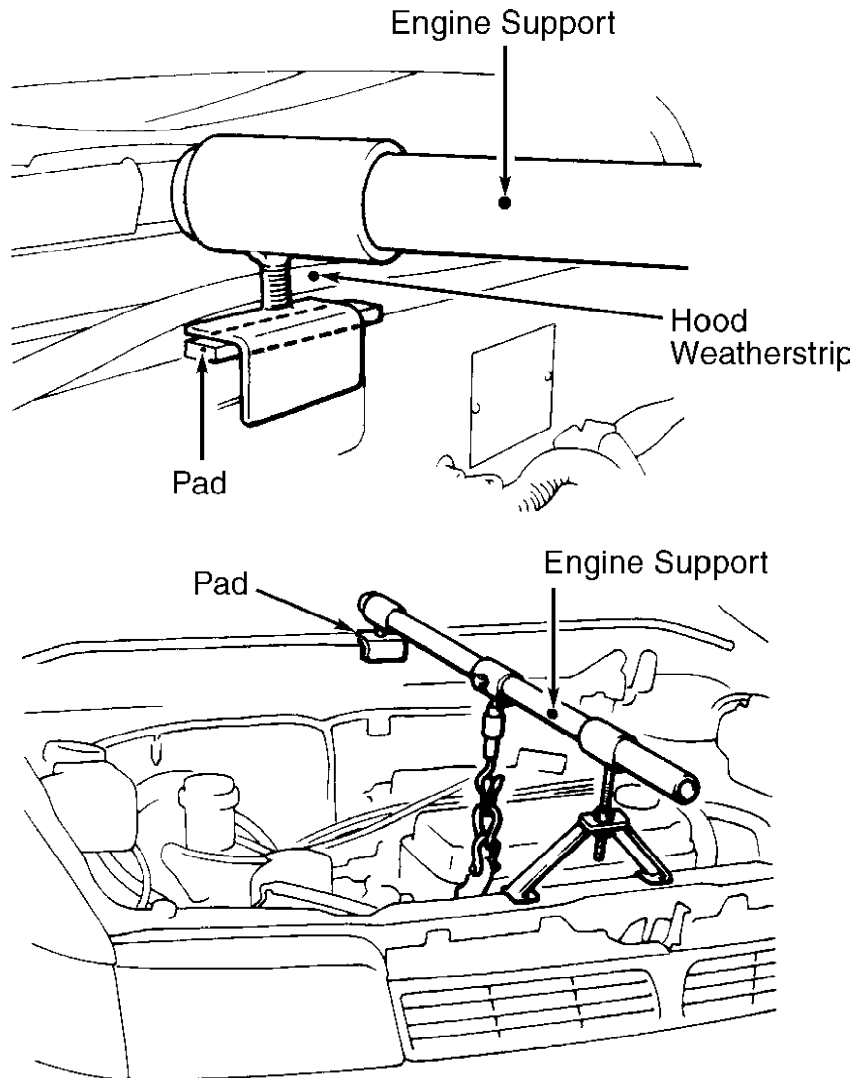
aside. Support transaxle assembly with jack and disconnect transaxle mount. Remove mount, bracket, plug and stoppers.

4) Remove transaxle assembly upper coupling bolts. Disconnect tie rod ends and lower arm ball joints. Remove right support member, starter cover (if equipped) and starter.

5) Remove left side bearing bracket mounting bolts and pry left axle shaft from transaxle. Wire left axle shaft and inner shaft assembly aside. Pry right axle shaft from transaxle and wire aside.

6) Remove front bank side and rear bank side transaxle stays. Support transaxle assembly with a transmission jack. Remove transaxle assembly lower coupling bolts and lower transaxle from vehicle.

7) Insert a clutch pilot to prevent pressure plate and clutch disc from falling. Loosen pressure plate bolts diagonally to avoid warping pressure plate flange. Remove pressure plate and clutch disc. See Fig. 3.



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Fig. 2: Supporting Engine For Clutch Removal
Courtesy of Mitsubishi Motor Sales of America.

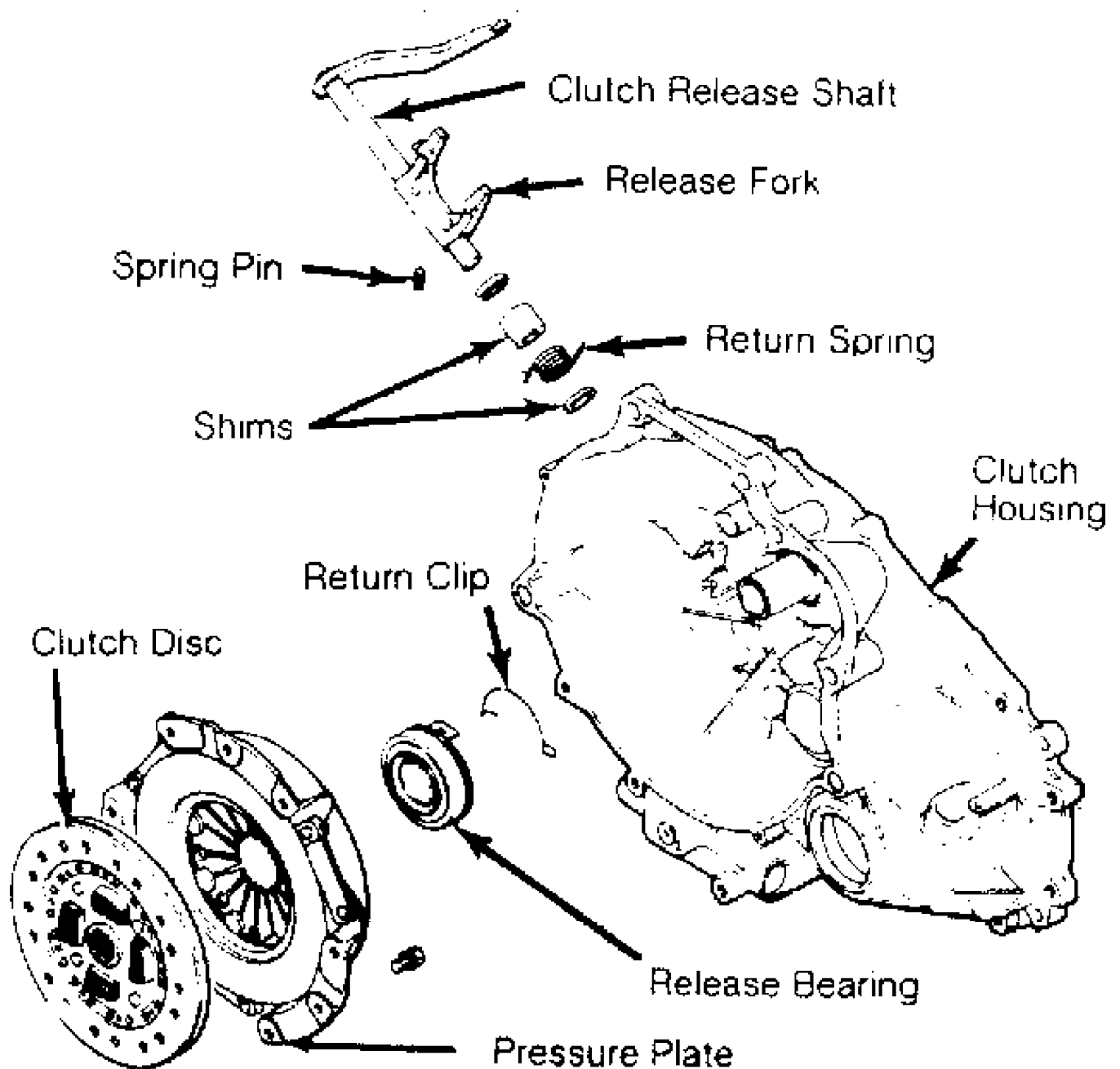


Fig. 3: Exploded View Of Clutch Assembly (Typical)
 Courtesy of Mitsubishi Motor Sales of America.

CAUTION: Install clutch disc with manufacturer's stamp mark (located near hub of clutch disc) toward pressure plate.

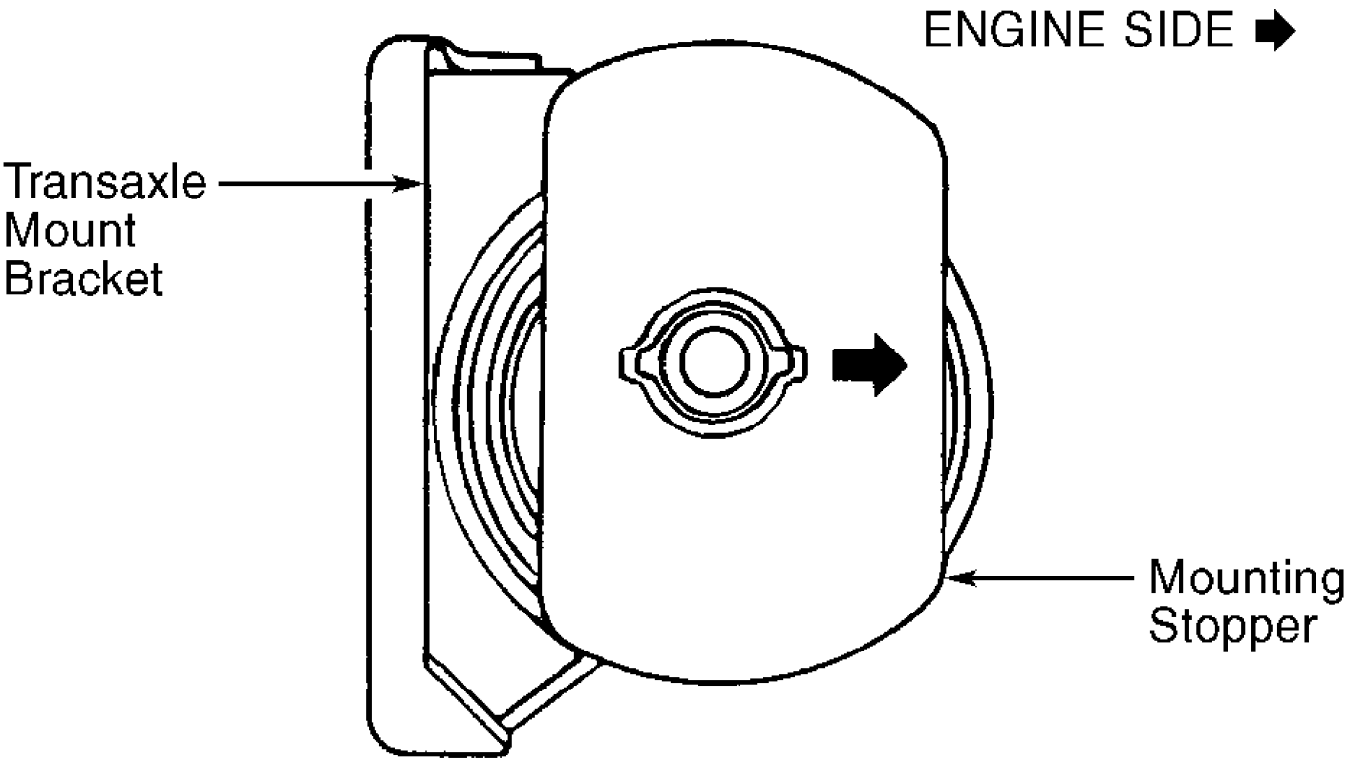
Installation

1) Using clutch pilot, install pressure plate and clutch disc. Tighten bolts evenly in a crisscross pattern to specification. See the TORQUE SPECIFICATIONS table.

2) Clean release bearing sliding surface. Apply multipurpose grease to release bearing sliding surface. Apply a light amount of grease to input shaft splines. DO NOT allow grease or dirt on clutch

disc or pressure plate surfaces.

3) To install remaining components, reverse removal procedure. Install mounting stoppers as shown in illustration. See Fig. 4.



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Fig. 4: Installing Transaxle Assembly Mounting Stopper
Courtesy of Mitsubishi Motor Sales of America.

- 4) When reconnecting water inlet pipe on Stealth SOHC, apply water to outer circumference of "O" ring and connect pipe "B" to pipe "A". See Fig. 1. DO NOT allow engine oil to contaminate "O" ring.
- 5) Reverse removal procedure for remaining components. Refill all fluids to proper levels. Adjust all control cables, clutch pedal height and free play. See CLUTCH PEDAL FREE PLAY under ADJUSTMENTS in the CLUTCH article. Recheck transaxle fluid level.

TORQUE SPECIFICATIONS

TORQUE SPECIFICATIONS TABLE

Application	Ft. Lbs. (N.m)
Clutch Booster Mounting Nuts AWD	(1)
Engine Mount-To-Transaxle	
Upper Mounting Bolt	54 (73)
Lower Mounting Bolt	65 (88)
Flywheel-To-Crankshaft Bolt	55 (75)
Fulcrum Bolt	25-30 (34-41)
Pressure Plate-To-Flywheel Bolt	11-15 (15-20)
Transfer Case-To-Transaxle Bolt	64 (87)
Wheel Lug Nut	89-103 (120-140)

(1) - Tighten to 84-108 INCH lbs. (9.5-12.2 N.m) .
