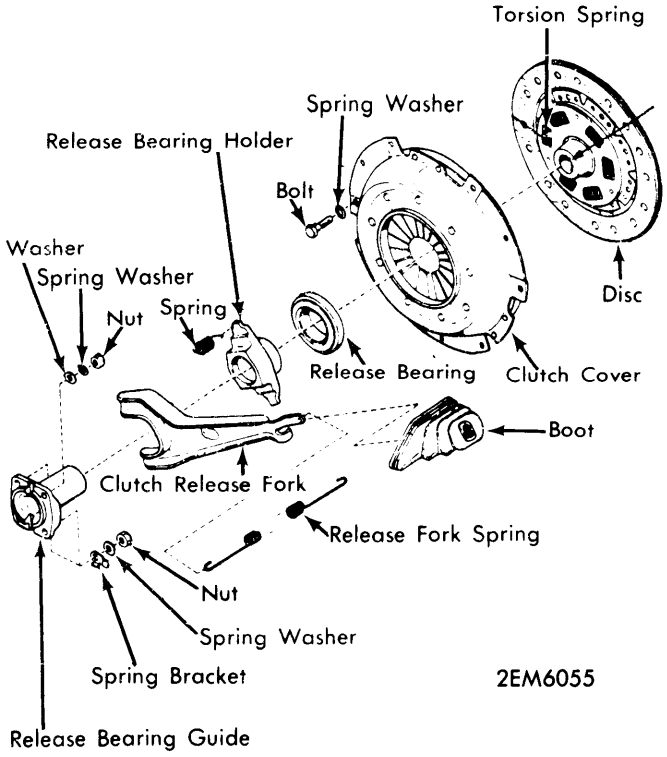
SUBARU

Subaru

DESCRIPTION

Clutch is a diaphragm spring, single dry disc type, with mechanical actuation through a clutch cable. Release bearing is a sealed unit and requires no lubrication.



CLUTCH COMPONENTS

REMOVAL & INSTALLATION

CLUTCH ASSEMBLY

Removal – 1) Disconnect battery and remove spare tire and air cleaner. Remove transmission stabilizer bar and disconnect wiring from starter and back-up light switch. Remove starter. Remove clutch return spring and loosen clutch release fork. Loosen adjusting nut and remove cable from lever.

2) Disconnect speedometer cable from transmission. Remove shift lever knob and console. Remove shift lever boot, loosen rod clamping nut and remove lever from rod. Raise and support front of vehicle. Disconnect exhaust pipe from manifold (sedan), or disconnect exhaust manifold from engine (coupe).

3) Remove nuts and bolts attaching transmission to engine. Loosen clamps and brace on gear shift rod, pull assembly rearward, and drive spring pin from hole. Disconnect gear shift from transmission and leave it attached to body. Remove axle shaft spring pin using a hammer and pin remover.

4) Remove nut, washer and bushing connecting stabilizer to transverse link. Place a jack under transmission and loosen bolts of hand brake cable mounting bracket. Remove bracket from crossmember. Loosen stabilizer bracket-to-rear crossmember bolts and pull stabilizer out of transverse link.

5) Loosen lock nut holding transverse link to crossmember and pull link to rear, out of crossmember. A lever may be used to ease removal. Pull axle shafts from transmission by pushing struts outward. Pull transmission out to rear.

6) *NOTE – Engine is tilted forward when transmission is removed. To aid in removal, a stop may be provided at front of engine.* Remove bolts attaching clutch assembly to flywheel and remove clutch pressure plate and disc.

Installation – To install, reverse removal procedure and note the following: Use a suitable aligning tool (399740100) to center clutch disc on flywheel. When installing pressure plate, make sure residual balance marks are placed at least 120° from each other. After installing transmission, adjust clutch cable.

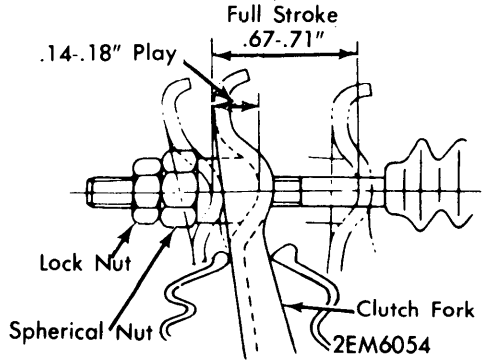
CLUTCH RELEASE BEARING & FORK

Removal & Installation – With transmission assembly removed, remove two springs retaining bearing assembly and fork, then remove bearing and fork from clutch housing. Remove and install bearing from holder using a suitable press. To install, reverse removal procedure.

ADJUSTMENT

CLUTCH CABLE

To adjust clutch play, remove release fork return spring and turn spherical nut to obtain a free play of .142-.181", measured at fork end (center spherical nut). Free play at clutch pedal should then be 1.18-1.46".



CLUTCH CABLE ADJUSTMENT

Adjustment Specifications

Application	Dimension
Clutch Pedal Stroke	5.04-5.43"
Release Fork Stroke	.67-.71"
Play at Release Fork Center	.14-.18"
Pedal Play	1.18-1.46"

TIGHTENING SPECIFICATIONS

Application	Ft. Lbs. (mkg)
Clutch Cover-to-Flywheel Bolts	7-9 (.97-1.2)
Transverse Link-to-Front Crossmember	72-87 (9.9-12.0)
Stabilizer-to-Transverse Link	72-87 (9.9-12.0)
Stabilizer Bracket-to-Rear Crossmember	22-33 (3.0-4.7)
Engine Mounts	15-22 (2.0-3.0)
Transmission Stabilizer Bar	5-9 (.69-1.2)