

Clutches

FIAT SPIDER 2000 & 2000 Turbo

DESCRIPTION

Clutch is a dry, single-disc, diaphragm spring type. Clutch is engaged or disengaged through a cable which is actuated by the clutch pedal. Pedal free play is adjusted by means of an adjustment nut located on the clutch fork end of the clutch cable.

REMOVAL & INSTALLATION

CLUTCH ASSEMBLY

Removal

1) From inside driver's compartment, press down on gearshift lever and pry out retaining ring with screwdriver. Remove transmission cover. Raise and support vehicle.

2) From under vehicle, disconnect propeller shaft from transmission and remove safety cross strap. Remove propeller shaft center pillow block.

3) Disconnect speedometer drive from transmission. Disconnect all electrical leads from transmission case. Disconnect clutch fork return spring and remove adjusting rod.

4) Remove inspection cover from bottom of clutch housing. Disconnect exhaust pipe support bracket from rear of transmission and remove starter from clutch housing. Position transmission holding fixture (A.70509) to a floor jack and position under transmission.

5) Remove bolts securing transmission to engine and remove rear crossmember. With transmission supported by jack, pull to rear until input shaft clears release bearing.

6) Lower jack when transmission is clear and remove from under vehicle. Mark all parts for reassembly and remove clutch assembly from flywheel.

Inspection

1) The maximum clutch disc runout is .006" (.15 mm). Check that the surface of the friction material is not less than 1/16" (1.58 mm) from rivet heads.

2) Minor imperfections on pressure plate and flywheel may be dressed with medium duty emery cloth. If severely damaged, replace pressure plate or flywheel.

Installation

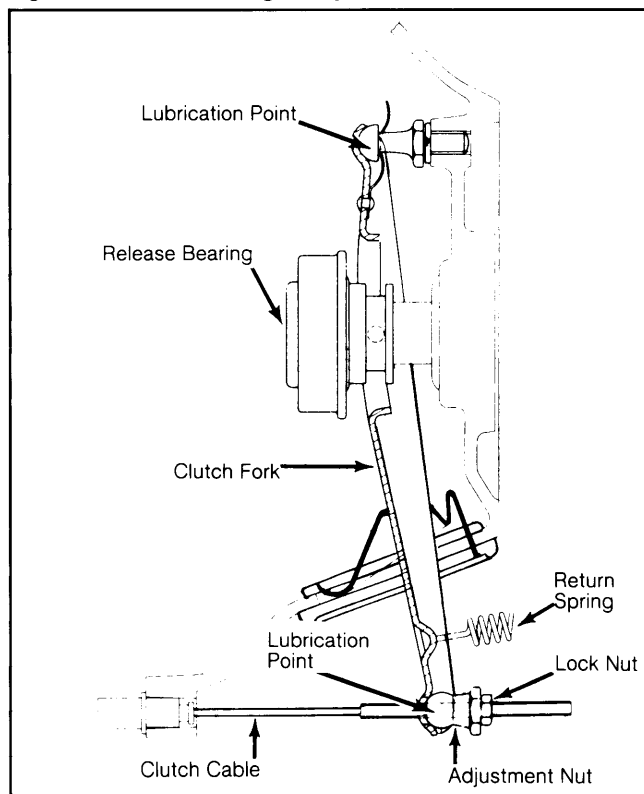
To install transmission and clutch assembly, reverse removal procedure. Use a centering tool to align clutch and flywheel. Lubricate transmission input shaft splines sparingly.

ADJUSTMENT

CLUTCH PEDAL FREE PLAY

Loosen lock nut and rotate adjustment nut until clutch pedal has a free play of 1" (25 mm).

Fig. 1: Clutch Actuating Components



TIGHTENING SPECIFICATIONS

Application	Ft. Lbs. (N.m)
Clutch-to-Flywheel Bolts	22 (30)
Transmission-to-Engine Bolts	61 (83)