VOLKSWAGEN DASHER

Dasher

DESCRIPTION

Clutch is single plate dry disc type, using a diaphragm type pressure plate and a pre-lubricated clutch release bearing. Clutch is cable actuated.

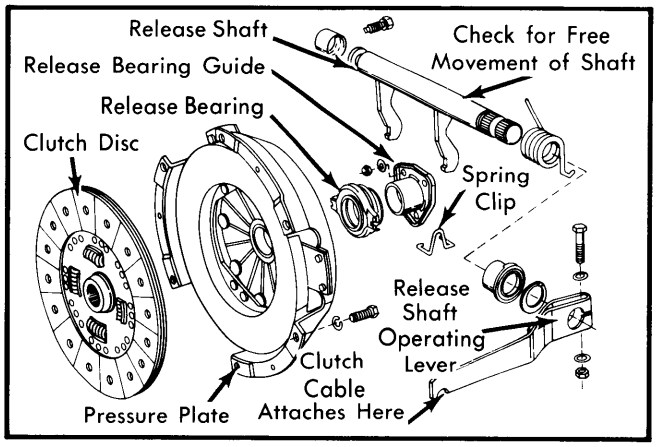

Fig. 1 Exploded View of Clutch Assembly

REMOVAL & INSTALLATION

TRANSAXLE & CLUTCH ASSEMBLIES

Removal – **1)** Disconnect battery ground cable from battery. Disconnect exhaust pipe at manifold. Disconnect exhaust pipe bracket from rear of transaxle.

2) Disconnect gear shift lever and shift linkage. Disconnect back-up light wires. On some models there is a bolt mounting gear shift linkage to transaxle that must be removed.

3) Loosen clutch cable adjustment nut and disengage clutch housing from left side engine mount. Separate clutch cable from operating lever. Disconnect speedometer cable.

4) Disconnect front wheel axle drive shafts at transaxle. Suspend drive shafts with wire out of way. Remove starter.

5) Remove clutch housing front cover plate. Remove bolts mounting transaxle-to-engine. Place a jack under transaxle for support. Unbolt transaxle carrier from body. Slide transaxle to rear until input shaft is clear of clutch assembly. Lower out transaxle.

6) Lock flywheel to prevent rotation and index mark pressure plate and flywheel. Loosen pressure plate bolts ¼ turn at a time, working in a diagonal pattern. Slide pressure plate off dowels on flywheel.

Installation – **1)** Using a clutch alignment tool, fit pressure plate with clutch. Make sure alignment marks are observed. Loosely attach assembly with 6 bolts.

NOTE – *If replacement pressure plate has white paint spot, it is a balance mark and should be 180° from countersunk hole or 180° from white paint mark on flywheel.*

2) Tighten pressure plate bolts in criss-cross pattern about 2 turns at a time.

3) Position transaxle to engine. Loosely fit bolts holding transaxle carrier to body. Reverse removal procedure to install remaining components.

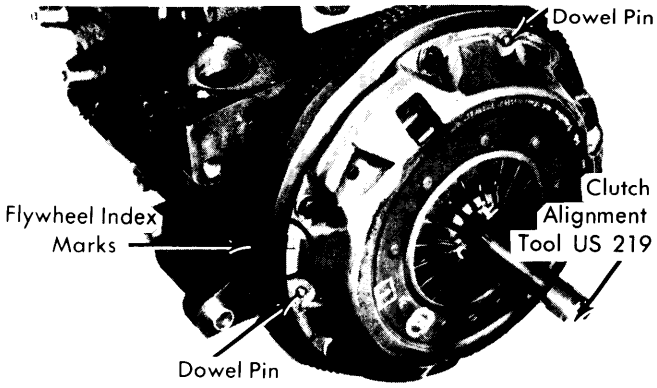

Fig. 2 View Showing Clutch Assembly Alignment on Flywheel

CLUTCH RELEASE BEARING

Removal & Installation – With transaxle removed, remove spring clips without removing bearing from release shaft. Slide bearing off bearing guide. To install, roughen plastic guide sleeve with emery cloth, but do not lubricate. Lubricate metal guide sleeve with molybdenum disulphide paste. Coat pivoting points between bearing and operating shaft with multi-purpose grease. Position bearing to shaft and install spring clips.

NOTE – *Bearing is pre-lubricated, DO NOT wash in solvent.*

CLUTCH CABLE

Removal & Installation – Loosen cable adjusting nuts and free clutch cable housing from support bracket. Separate cable from clutch operating lever (mounted on side of clutch housing). Disconnect cable at pedal and force cable and housing into passenger compartment and remove. To install new cable, reverse removal procedure and adjust pedal free play.

NOTE – *If new clutch cable has been installed, make sure to recheck clutch pedal free play after 300 miles.*

PILOT BEARING

Removal & Installation – Lock flywheel to prevent rotation. Install suitable remover (10-202) and remove pilot bearing. Install bearing with suitable installer (VW207C) and seat bearing until distance from flywheel recess to bushing edge is 1/16" (1.5 mm). Lubricate bearing.

ADJUSTMENT

CLUTCH PEDAL FREE PLAY

Clutch pedal free play (measured at pedal pad) should be 5/8" (16 mm). To increase measurement, loosen top adjusting nut until specification is obtained. Tighten bottom nut until locked against bracket. To decrease measurement, loosen bottom adjusting nut until specification is obtained. Tighten top nut until locked against bracket.

TIGHTENING SPECIFICATIONS

Application	Ft. Lbs. (mkg)
Clutch Assembly-to-Flywheel	18 (2.5)
Transmission-to-Engine	40 (5.5)
Clutch Lever-to-Transmission	18 (2.5)
Drive Shaft-to-Transmission	33 (4.5)