

1971-72 PEUGEOT 304

304 Models (1971-72)

DESCRIPTION

Clutch is a dry, single disc type. All models utilize a diaphragm spring type clutch. Clutch is actuated by a hydraulic system. Clutch release bearing is of pre-lubricated design.

REMOVAL & INSTALLATION

CLUTCH ASSEMBLY

NOTE — It is not necessary to remove engine-transmission unit in order to remove clutch.

- 1) To remove clutch assembly, disconnect battery and drain engine coolant. Remove radiator and disengage fan belt. Remove bolt securing belt tensioner to clutch housing and move tensioner. Remove the generator and regulator.
- 2) Disconnect clutch release fork return spring and loosen, but do not remove, the two left hand front tie-link studs. Remove screws securing left hand front tie-link fork to generator bracket and position tie-link and fork assembly against inner fender panel.
- 3) Disconnect heating system hose from water pump and remove air cleaner housing. Rotate crankshaft until lock tab for pulley screw faces downwards and unlock pulley attaching screw using suitable tool (0.0134). While holding crankshaft pulley, loosen pulley attaching screw.
- 4) Remove the crankshaft pulley, clutch housing and clutch thrust bearing. Align the clutch cover notch with the pin hole in the clutch housing. Remove clutch using suitable puller (8.0206 A).
- 5) To reinstall clutch, clean engine output shaft carefully and lubricate using Molykote 321 aerosol spray. Ensure that reference hole in output shaft is aligned with top of cylinders. This will ensure that cylinders one and four are at TDC.
- 6) Position clutch against crankshaft, making sure that notch on clutch cover faces pin hole in clutch housing. Rotate clutch back and forth slightly to engage driven disc over pinion. Temporarily install crankshaft pulley and tighten attachment screw slightly.
- 7) Torque the six clutch cover screws to specifications. Remove crankshaft pulley and pack clutch hub extractor groove with Esso Multipurpose Grease H. Now assemble remainder of components in reverse order of disassembly, ensuring that all fasteners are torqued to specifications. Also, use a new tab lock on crankshaft pulley screw. Finally, adjust fan belt tension and clutch free travel.

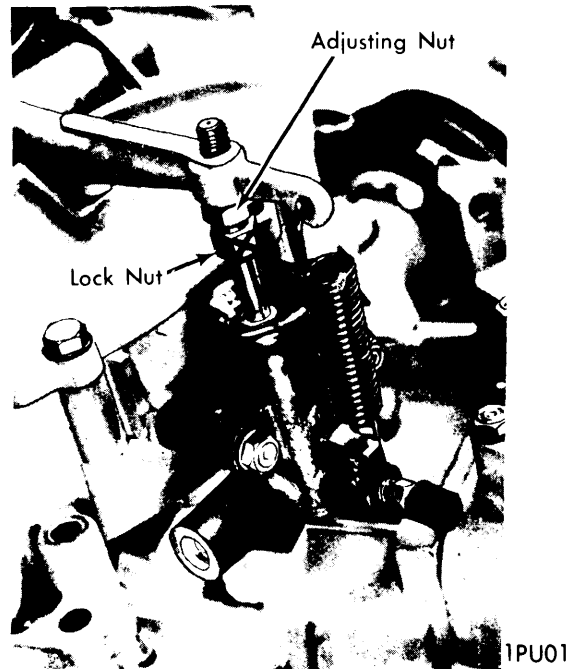
CLUTCH RELEASE BEARING

To remove and install clutch release bearing, refer to *Clutch Assembly Removal & Installation*.

ADJUSTMENT

CLUTCH FREE PLAY

To adjust clutch free play, loosen adjusting screw locknut and adjusting screw until clutch release fork bears on its stop. Now tighten adjusting nut 2 1/2 turns to obtain .05" (2 mm) free play at thrust bearing. Tighten adjusting screw lock nut to specifications.



CLUTCH FREE PLAY ADJUSTMENT

TIGHTENING SPECIFICATIONS

Application	Ft. Lbs. (mkg)
Clutch Cover Screws	20 (2.8)
Clutch Housing Screws	7.2 (1.0)
Crankshaft Pulley Screw	47 (6.5)
Free Play Adjustment Locknut	11-18 (1.5-2.5)
Tie-Link Studs	12.7 (1.8)