

3. Remove all the asbestos clutch lining dust from the clutch pressure plate, the clutch disc and the flywheel.

WARNING: Asbestos dust is injurious to health and must not be inhaled. Do not blow the dust off with an air line. Use a suitable vacuum cleaner. If a vacuum cleaner is not available, use personal protective breathing equipment or a suitable face mask and remove the dust carefully with a brush or rag. Collect the dust in a sealable plastic bag or envelope for disposal.

4. Inspect the pressure plate assembly generally for damaged or worn parts. In particular check the friction surface for scoring, discolouration or cracks.
5. (a) On the axial spring clutch check the operating lever ends for wear. Check also for broken coil springs.
- (b) On the diaphragm spring clutch check the diaphragm spring for cracks or broken sectors and for excessive wear on the ends of the sectors at the centre.
- (c) If these or any other defects are present, replace with a new pressure plate assembly.
6. Inspect the clutch disc for wear on the friction linings, check to see if they are worn down near to the rivet heads. Check the linings as well for oil contamination. Check the buffer springs for cracks or breakage and also that they are not loose in the housings. If these or any other defects are present, replace with a new clutch disc.
7. Inspect the flywheel friction surface for scoring, discolouration or cracks. If the flywheel is unserviceable fit a new part as detailed in operation 21 582 4.

To install

8. Lightly grease the splines in the clutch disc hub.

CAUTION: Only the very slightest film of grease should be applied as any excess will be thrown out and may contaminate the friction linings.

9. Place the clutch disc in position on the flywheel with the shortest spigot of the splined hub towards the flywheel. Place the clutch disc/flywheel pilot bearing alignment tool in position. Select an alignment tool according to clutch disc diameter:

305 mm (12 in) diameter clutch: Tool No. C-7088
330 mm (13 in) diameter clutch: Tool No. 16515

10. Place the pressure plate in position and hold it against the clutch disc. On vehicles fitted with the 330 mm (13 in) diameter clutch disc or disc with a pilot bearing ensure that the dowels in the flywheel are aligned with the dowel holes in the pressure plate cover.
11. Enter all the securing bolts together with new lockwashers and screw them in until they are all just lightly clamping the pressure plate.
12. Screw in each bolt one turn at a time to carefully and evenly pull the pressure plate up to the flywheel and load the pressure plate springs. Ensure that the dowels engage correctly with the flywheel holes. Finally tighten the bolts to the specified torque (see specification).
13. Remove the disc alignment tool.

Ford and Quipline V8 Engines Models

To remove

1. Clutch housing removed, refer to operation 18 724 4.
2. Slacken and unscrew slowly and gradually the bolts securing the clutch pressure plate to the flywheel. Remove the bolts, the pressure plate, the first clutch disc, the intermediate plate and the second disc.
3. Remove all the asbestos clutch lining dust from the clutch pressure plate, the two discs, the intermediate plate and the flywheel.



Alignment Tool (see specification)

1. Alignment Tool.