



Clutch Industries ABN 81 101 284 548

## Clutch Kit Installation Notes

Doc. No: CF\_11-002

Issue: 2

# TBC08

### Relates to: **INSTALLATION OF TWIN PLATE CLUTCH KIT USING FLYWHEEL WITH INTEGRAL DRIVE BLOCKS**

**Contact us:** Clutch Industries is Australia's only manufacturer with full Engineering and Test support services. Call us on 1300 369 787 if you require further technical support.

#### **ATTENTION:**

The twin clips on each lug of the Intermediate Plate are a critical part of the twin plate clutch system and are precision set. If the setting of the clips is altered or damaged, the Intermediate Plate and Cover Assembly should be returned to Clutch Industries for resetting or repair.

#### **INSTALLATION:**

1. Bolt flywheel onto crankshaft. Ensure that bolts are torqued correctly.  
(this flywheel has 6 off drive blocks on the drive face)
2. Ensure that the face of the flywheel is free of grease and contamination.
3. Place the clutch plate disc (Part # R9634W) that has "FLYWHEEL SIDE" stamped on it, into position on the face of the flywheel with "flywheel side" towards the flywheel.
4. Take care not to alter the setting heights of the clips on the Intermediate Plate. Remove anti-rust coating and clean faces of Intermediate Plate with Methylated Spirit or other suitable solvent, and ensure that a light coat of high temperature lubricant is present on the inside surfaces of the drive slots.  
Place the Intermediate Plate in place with flywheel drive blocks in the drive slots, and the stepped face away from the flywheel. ( Refer to Fig.1 )
5. Place the clutch plate disc (Part # R9635W) that has "PRESSURE PLATE SIDE" stamped on it, into position with "pressure plate side" away from the flywheel.  
Place splined aligning tool through the two clutch plate discs and into the flywheel spigot bearing to align the splines and the flywheel.
6. Ensure that the face of the Cover Assembly has anti-rust coating removed and is clean and dry.  
Place Cover Assembly into place with feet of the cover resting over the drive blocks and with white paint balance marks on Cover Assembly and Intermediate Plate aligned. ( Refer to Fig.2 )
7. Insert bolt and washer into each of the six holes finger tight. When cover is located centrally, manually tighten the bolts evenly in a diametral manner until fully inserted. After bolts are fully inserted, torque to 26 – 29 Nm (19 to 21 ft.lbs. )
8. Remove aligning tool.
9. Continue with installation of gearbox.
  - Ensure that the surfaces of the gearbox and motor are clean, and that locating dowels are in place.
  - Ensure that gearbox is square to motor before sliding input shaft through the clutch plates and into the flywheel bush.. Do not let the gearbox hang or droop.



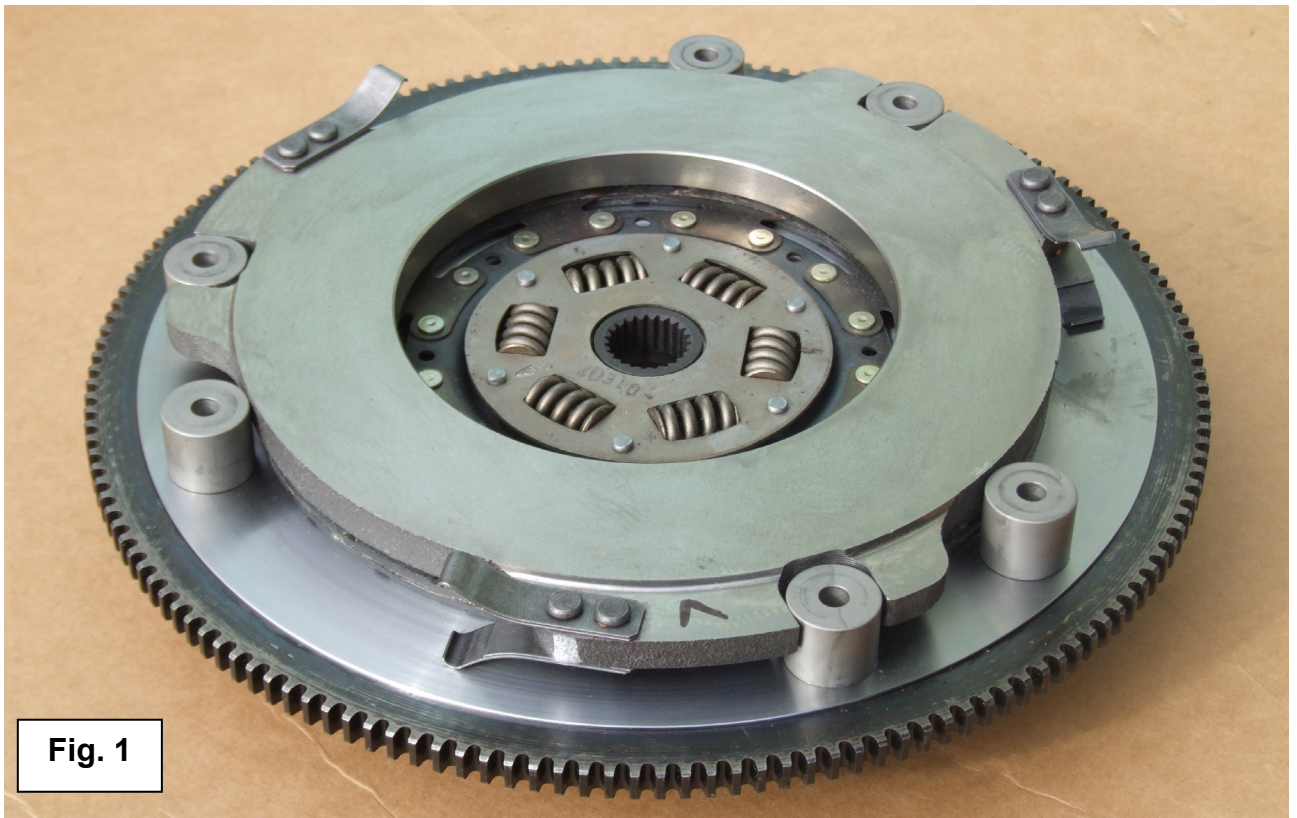
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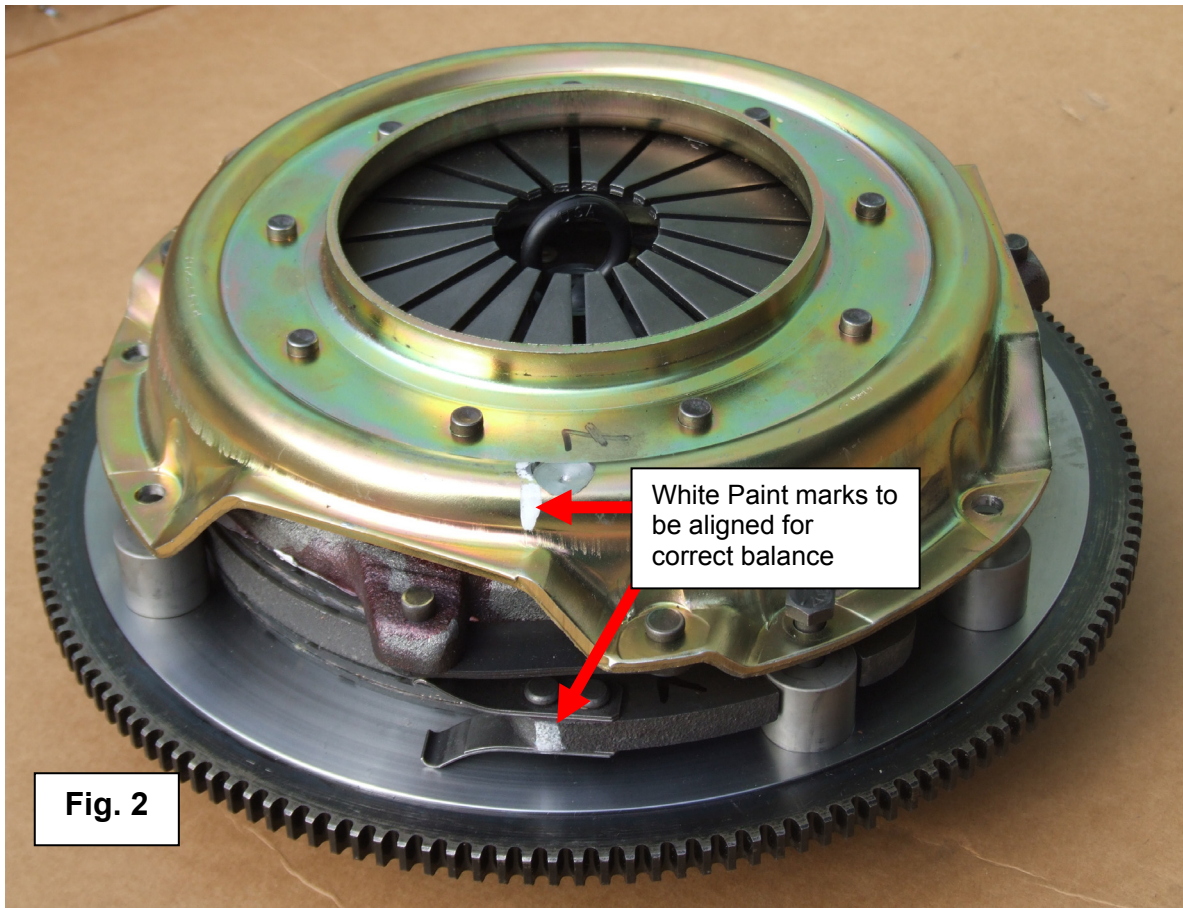
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**Fig. 1**



**Fig. 2**



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**Fig. 2**

