



ROYAL ENFIELD AND AMAL SPARES

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Fitting Guide for 90056A Cast Alloy Type Clutch



Kit Includes:

- Clutch basket (alloy)
- Friction plates x 4
- Steel plates x 4

Useful special tools:

Clutch holding tool (ST25104), Engine sprocket extractor (ST25098) and Alternator Clearance gauge (98240)

Note: We recommend that these instructions are used in conjunction with an appropriate workshop manual.

1. Using a container to catch oil – remove the primary chain case cover.
2. Back-off the primary chain tensioner
3. Remove the alternator, engine sprocket, clutch plates and clutch basket
4. Check primary chain for wear and if necessary replace
5. Lightly oil the plain metal bearing in the clutch drum
6. NOTE: the new clutch assembly does NOT use the large retaining circlip
7. Re-fit engine sprocket, primary chain, and new clutch drum
8. Refit the alternator – taking care that the air gap around the alternator is correct. Tighten alternator nut to 40 ft/lb

9. Before fitting the clutch plates soak the friction plates in primary lubrication – we recommend Automatic Transmission Fluid (ATF)



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10. Locate one plain metal clutch plate in the clutch drum, followed by a friction plate – fit the remaining plates in this same alternating sequence (**Note:** The new clutch assembly does **NOT** use the two dished plates from the old style clutch)
11. Fit the clutch pad
12. Fit the clutch springs
13. Fit the clutch cap, 3 screws and 3 washers – at first tighten only finger tight, then fully tighten screws a little at a time with a ring or socket spanner
14. Adjust primary chain with the primary chain tensioner
15. Refit the primary chain case with the seal or the gasket as required – using new components if necessary
16. Refit the primary chain case, tighten centre nut to no more than 10 ft/lb
17. Replenish primary drive with 420 ml of ATF
18. Adjust clutch cable as required