

Drive Unit Fitting Instructions (Cloud and SI Only)

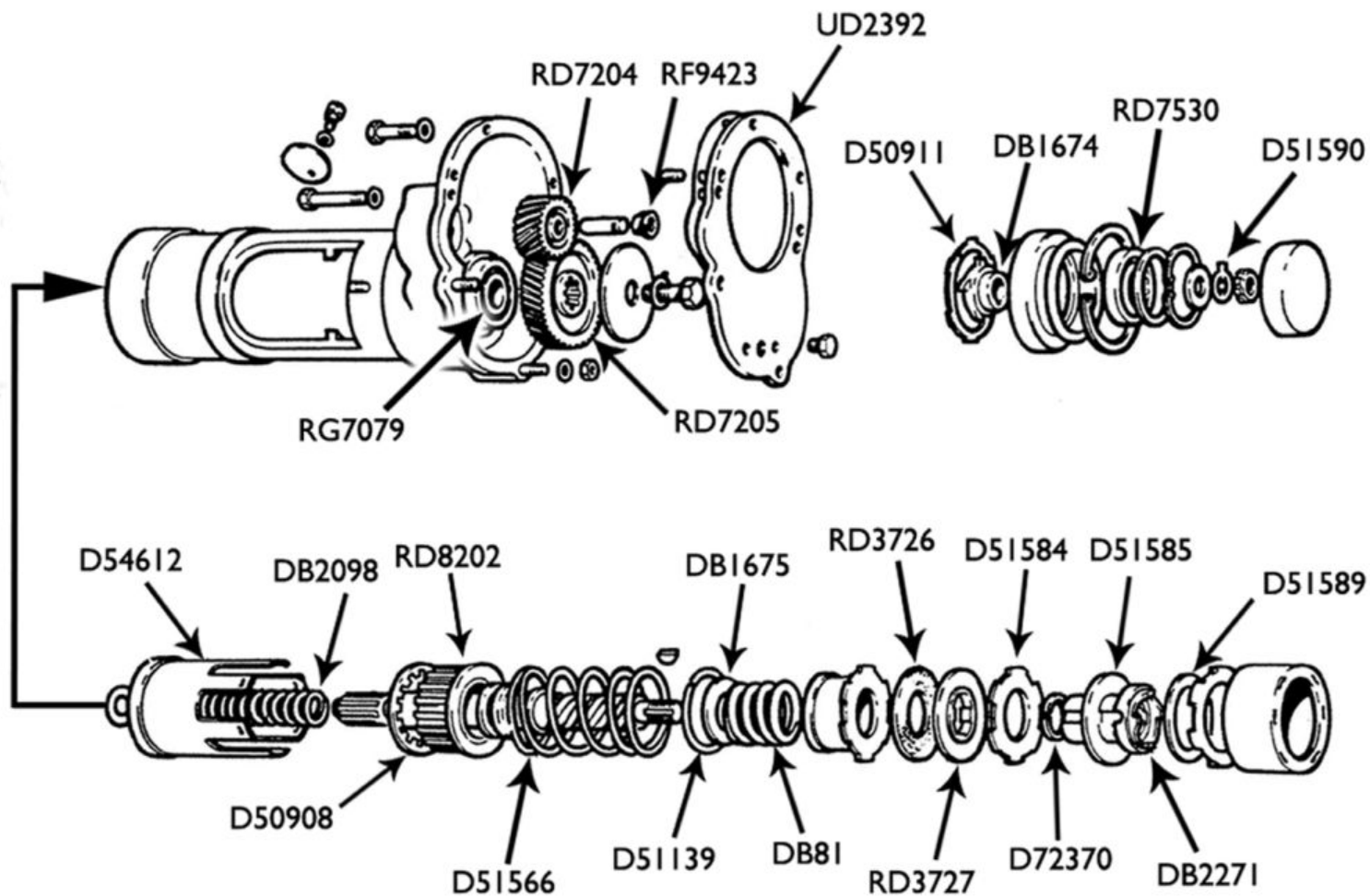
The clutch incorporated in the drive unit reduces shock and prevents overloading of the starter motor.

When overhauling the drive unit, the total thickness of the clutch discs must be maintained at 1.070 in. to 1.080 in. (27.178 mm. to 27.432 mm.). The thickness of the Ferodo disc is 0.086 in. to 0.090 in. (2.184 mm. to 2.286 mm.) and selective assembly will usually permit the correct overall thickness to be obtained. If necessary, light rubbing on medium grade glass paper will reduce the thickness.

Before assembly, the Ferodo discs should be soaked in S.A.E.30 engine oil for 30 minutes. Care should be taken to assemble in the precise order shown in the exploded view (see Fig. M23) but do not lock the slotted ring before obtaining the correct slip torque. Pack the ball race with high melting point grease.

The slip torque, which is that required to maintain steady slip, should be 20 to 25 lb.ft. (2.76 to 3.45 kg.m.); the high break-away figure should be ignored. The test for the slip torque may be carried out as illustrated in Figure M24 by substituting a standard nut in place of the slotted ring nut, and utilising a spring balance, box spanner and bar.

Several readings should be taken and the clutch disc overall thickness should be adjusted to obtain the correct values.



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