



Vehicle Specific Clutch Kit Installation Notes

TBC23

Relates to:

The following kit numbers R379N, R1076N, R1136N, R1137N and R1112N

Holden Astra LD 1.6 & 1.8 Ltr 87-89

Nissan Pulsar N13 1.6 & 1.8 Ltr 87-91

Nissan Pulsar N14 2.0 Ltr 6/92-95

Nissan EXA N13 1.8 Ltr 88-91

Nissan Pulsar N13 and EXA 1.6Ltr 2/87-12/87

Nissan Pulsar N15 2.0 Ltr 10-95 – on

1) PROBLEM:

Excessive Free Travel & Clutch Non-Release

ISSUE:

The actuation system may have worn or the clutch pedal support may be deformed to the point where it cannot actuate the clutch. (Fig 1)

ANSWER:

Check for indications of deformed supports and for worn components i.e.

- Excessive firewall flexing or cracking.
- Excessive Cable Bracket flexing or Cracking.
- Bearing nose cone slide wear – front of gearbox.

Repair or replace worn or cracked parts

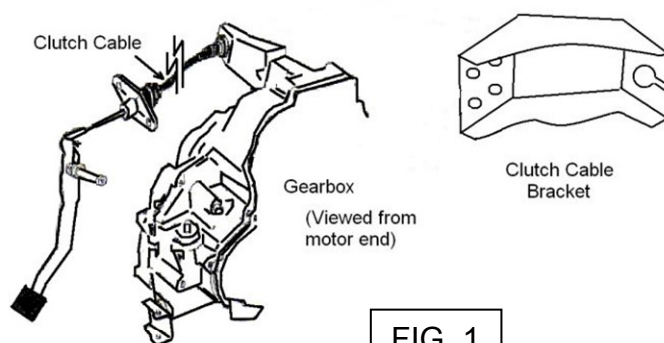


FIG. 1

2) PROBLEM:

Premature Clutch Failure Caused By Misalignment (Fig-2)

ANSWER:

The tin plate located between the motor and gearbox surfaces can be overlooked or improperly located during installation. If so it may interfere in the correct alignment of the drive train, loads on the clutch components will be uneven and damage of side plate, springs and hub will occur. The clutch will slip and ultimately fail prematurely. ***The tin plate located between the motor and the gearbox surfaces must be cleaned and aligned perfectly on the dowel pins and bolts when mating gearbox to motor.***

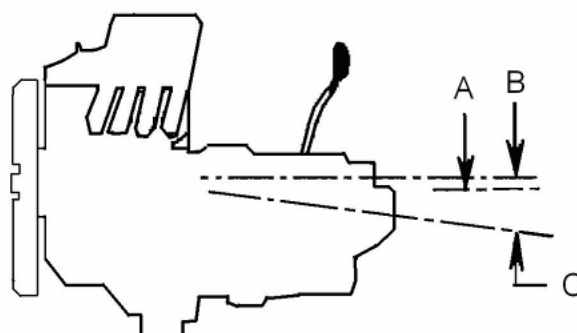


FIG. 2

- A - Aligned perfectly
B - Parallel offset misalignment
C - Angular offset misalignment