

“Take a good look before, during and after service. Find the root cause to ensure no combacks!”

Diagnose the Reason for a Clutch Failure...



Worn Guide Quill

CLUTCH DOES NOT ENGAGE:

1. Before removing the clutch, inspect the **release system** (adjustment, cable, hydraulics and pivot points).

Specific Conditions:

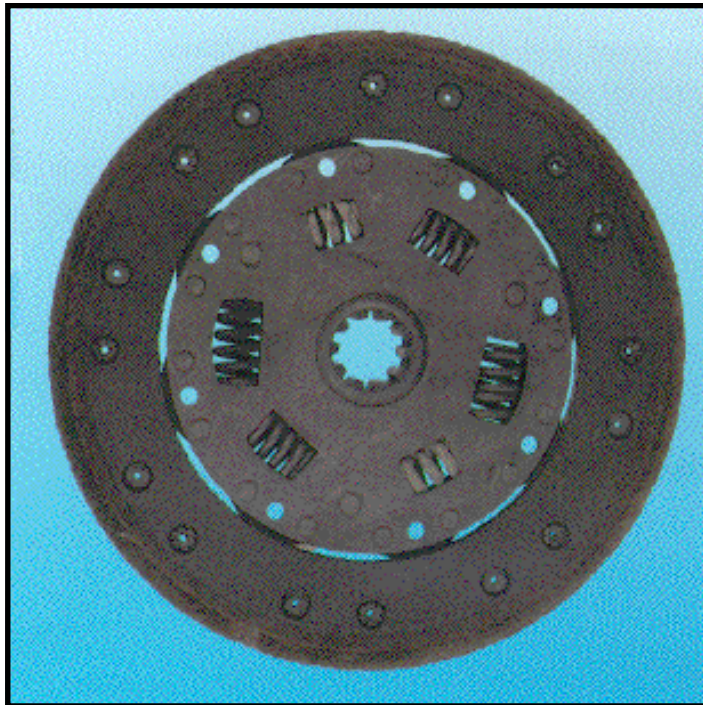
- Air in the system
- Jammed release bearing
- Improper installation
- Guide quill worn
- Mechanical linkage

CLUTCH SLIPS:

1. Inspect the **release system** (wear, free movement and adjustments).

Specific Conditions:

- Clutch worn out (burned, disintegrated)
- Clutch facings contaminated with oil or grease
- Release systems
 - Overfill of hydraulic system



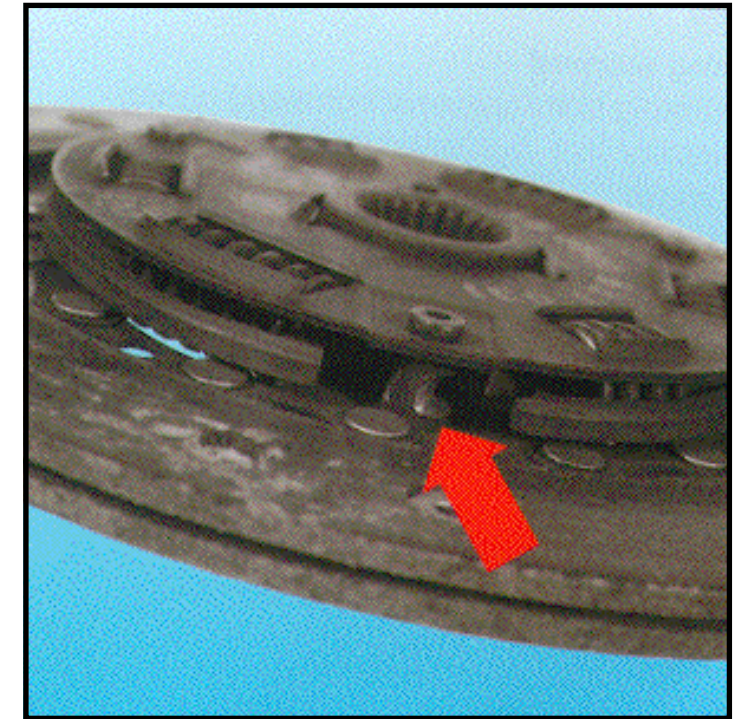
Worn Clutch Facing

CLUTCH NOISY

1. Verify **correct parts** are used and properly installed.

Specific Conditions:

- The pilot bearing is noisy (only with the clutch disengaged)
- The torsional damper in the clutch disc is worn out
- Gears grind due to drag
- The releaser fouls the diaphragm spring offset



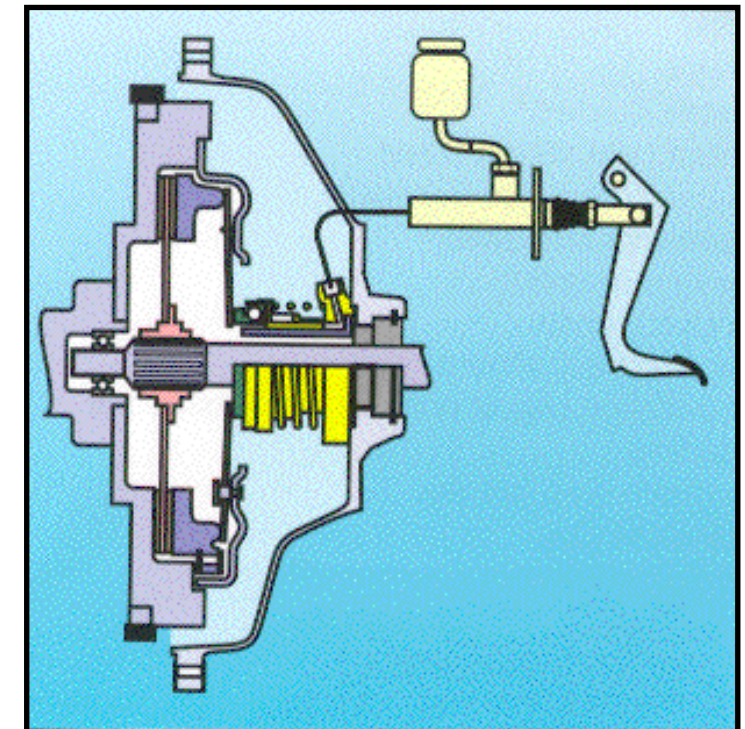
Worn Torsional Damper

CLUTCH PEDAL HARD TO PUSH:

1. Check **release system** and hydraulics.

Specific Conditions:

- Hydraulic line pinched or kinked
- Mechanical linkage bound or not properly lubricated
- Release bearing not properly sliding on guide quill
- Incorrect pressure plate installed



Hydraulic Release System

... Fix It Right the First Time!

ACDelco Clutch Kits with NEW (not rebuilt) components.