

Tips to ensure trouble-free clutch installation and maximize clutch life.

Haldex

1. Make sure you use the proper replacement clutch.

One common mistake is to replace high-torque clutches with standard duty clutches (ie. 8 spring disc for 7 spring disc). Flywheel counter-bore sizes are a good indicator of the type of clutch that should be used.

Flywheel Counter Bore	Typical Clutch Type
7.250"	RC597 (8 spring disc)
8.625"	RC018 (10 spring disc)
10.125"	RC698/RC700/RC892 (7 or 9 spring disc)

Information listed is for a 15.5" clutch. Always refer to an engine application guide while choosing the proper clutch.

2. Flywheel – The flywheel must be reground or replaced every time the clutch is replaced. Grooves, dishing or cracks of any kind are not acceptable. Caution: Removing more than .060 from the flywheel surface will likely cause adjustment installation issues.
3. Input Shaft – Any burrs must be removed from the input shaft. Any excessive damage that keeps the discs from moving freely on the shaft indicates that shaft replacement is necessary.

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4. Cross Shaft – Ensure that there is no play in the bushing area of the cross shaft. Replace bushings if any play is present.
5. Release Yoke Fingers (Fork) – Ensure there is no excessive wear on the fingers of the release yoke. Replace, if necessary.
6. Pilot Bearing – Always replace at clutch installation.
7. Transmission Bearing – Check for oblong movement and excessive wear. Replace, if necessary.
8. Clutch Linkage – Inspect linkage and return to original operating condition.
9. Disc Orientation – All discs are marked as to how they are to be placed in relation to the flywheel or intermediate plate. Ensure that all discs, adapter rings and intermediate plates are oriented properly.

MOST IMPORTANT: A clutch should never be adjusted to compensate for worn or damaged linkage or other driveline components. Clutches should only be adjusted to compensate for wear within the clutch itself. It is very possible to “run out” of clutch adjustment, even at installation with a brand new clutch, when trying to compensate for worn components.

Contact the Haldex Technical Services Department if you have further questions: 800-643-2374.