IMPORTANT

Please follow these instructions to maintain the warranty of your Centerforce® product!

Flywheels: All Centerforce® clutches need to be installed on a clean, properly resurfaced or brand new flywheel. Flywheels must be within original equipment specifications. Centerforce clutches are designed to be used on flywheels made of cast iron, steel, or aluminum with steel inserts.

Break-In: All Centerforce clutches require a break-in period of 450-500 miles of stop-and-go street driving before applying full engine power. This period is required to properly seat the disc with the pressure plate and flywheel.

Balance: All Centerforce clutches are balanced from the factory to meet or exceed Original Equipment (O.E.) specifications. Balancing with the Centerforce weights installed on the clutch assembly may cause an out-of-balance condition. Removing the weights without permission from Centerforce may void the warranty.

Centrifugal Weight System: If your new Centerforce clutch is equipped with the patented centrifugal weight system, do not remove the ring, weights, or spring wire retaining the weight system to the diaphragm fingers. If your Centerforce clutch does not include the centrifugal weight system, it is because there is not sufficient clearance for Centerforce to safely & effectively install the centrifugal weight system.

Aftermarket Hydraulic Release Bearings: When using an aftermarket hydraulic release bearing it is important to check for proper clearance between the bearing and the centrifugal weight system. Some aftermarket hydraulic bearings have an anti-rotator pin that may come into contact with the centrifugal weight system.

Failure to follow the above procedures will void your warranty and may result in decreased performance and/or premature wear!

Questions? Please contact the Tech Department at Centerforce

CENTERFORCE THE PERFORMANCE CLUTCH®

CENTERFORCE DUAL FRICTION®

"NOTE" Centerforce tip sheets are for general reference only. Please refer to your owners manual for vehicle specifications.

IMPORTANT

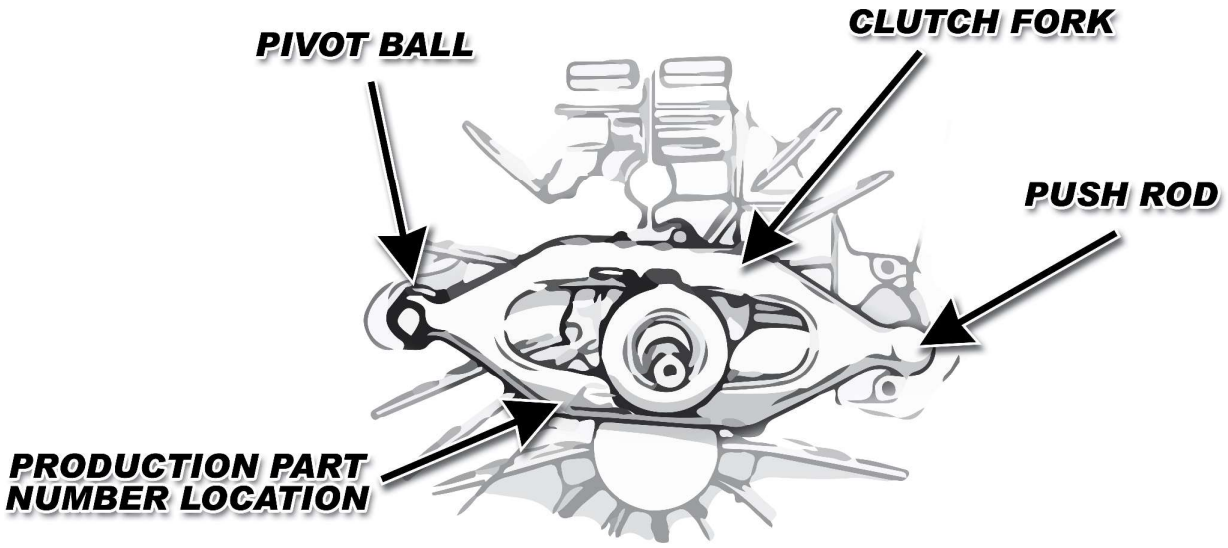
Dodge Trucks

When converting 1988-93 diesel trucks from the OEM 13'' clutch to Centerforce® P/N DF989966 or 315989966, use the supplied pressure plate mounting hardware.

On 1994-04, diesel trucks reuse the stock pressure plate bolts.

Note: 5.9L/6.7L Cummins Turbo diesel & 8.0L gas trucks. When servicing the release fork, be sure to install the clutch release fork properly. To ensure proper installation, the clutch fork production part number should be near the pivot ball (see diagram).

Failure to properly install the clutch release fork may cause a growling sound coming through the clutch pedal when depressed.



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IMPORTANT

5/16" Pressure Plate Bolts

Centerforce does not require you to use any type of thread locking compound for the Pressure Plate bolts. If you decide to use a thread locking compound on the Pressure Plate bolts, just one SINGLE drop is adequate.
DO NOT use a washer with this pressure plate bolt.
Tighten all bolts evenly, ¼ turn at a time in a crisscross pattern until pressure plate is completely drawn-up to the flywheel.

Final torque to: 25 - 28 ft/lbs.

Note: These specifications apply only to the fasteners supplied by Centerforce.

I01MI008 **CENTERFORCE TECH. LINE (928) 771-8422**

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IMPORTANT

Dodge Truck Clutch Sets

Intermittent transmission issues are known to exist on some Dodge trucks. Hard shifting may occur from Neutral to 1st, 2nd or reverse gears. This is primarily due to the large diameter and heavy-duty nature of the transmission and clutch components. Normal operation calls for a 3 to 4 second “spin down time” in which the clutch pedal needs to be depressed and held before attempting to shift the transmission out of Neutral and into gear. This spin down time is NOT usually necessary when the vehicle is in motion (shifting from gear to gear). In order to minimize this hard shifting issue, we recommend customers to check/do following during the clutch change procedure:

1. Always install a new release bearing and new pilot bearing.
2. Properly resurface or replace the flywheel.
3. Check the transmission input shaft spline and pilot bearing surfaces – replace the input shaft if it is questionable.
4. Check the transmission input shaft for excessive “play” or wobble – this could signal a worn input shaft bearing.
5. Inspect the transmission release bearing collar, release bearing arm and pivot ball stud. Replace any questionable items.
6. Use only O.E. approved transmission and hydraulic clutch fluid.
7. Follow all other Centerforce supplied tech sheets and suggested procedures.

Also, please be advised; when upgrading from an O.E. Dual-Mass type flywheel and/or to a heavy-duty clutch set, it is not uncommon to experience increased transmission gear rattle (or “roll over noise”) when idling in Neutral.

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IMPORTANT

Dodge Flywheel Installation Tips

A small amount of Threadlocking compound is recommended on the enclosed flywheel bolts.

DO NOT use a washer with these flywheel bolts.

Tighten all bolts evenly, 1/4 turn at a time in a crisscross pattern until the flywheel is completely drawn-up to the crankshaft.

Torque all bolts in 3 steps:

First to 30 ft/lbs. Then 70 ft/lbs.

FINAL TORQUE TO 105 ft/lbs.

Note: M12 x 1.25 Threads