



# Technical Service Bulletin

## Solid Flywheel Conversion

Due to a high volume of vibration and noise concerns associated with the OE Dual-Mass flywheels for the 2005-2018 Dodge Ram Cummins 5.9L/6.7L, Platinum Driveline, Inc. offers a solid flywheel conversion clutch kit (Item # 05-101) and matching flywheel (Item # FW438) that are engineered to replace the OE clutch kit and dual-mass flywheel.



**PDL Kit 05-101**



**PDL Flywheel FW438**

Using the PDL conversion kit will offer the following advantage:

- The solid flywheel conversion is an improvement over competitive systems in that the flywheel is designed to function without the OE engine adaptor plate. This piece has been machined into the flywheel for proper fitment and function
- To providing additional torque capacity, the pressure plate and disc outside diameter have been increased from 12-5/8" to 13"
- The PDL pressure plate has 12% more heat sink capacity than the OE system and 20% more heat sink capacity than competitive conversion systems.
- Flywheel to crank torque specs: 85 ft. lbs
- Clutch/pressure plate to flywheel torque specs: 40 ft. lbs.

### **Affected Applications:**

Year	Make	Model	Engine
2005-11	Dodge	Ram	6 cyl 5.9L 360" 6-Speed
2007-11	Dodge	Ram	6 cyl 6.7L 408" 6-Speed
2011-18	Ram	Full Sized Truck	6 cyl 6.7L 408" 6-Speed

\*Please note that the OEM hydraulic system does not provide adequate slave cylinder travel. For proper engagement, use PDL item # [PSC0523-2](#). This system offers an additional .125" of hydraulic rod travel.

\* Please be sure to replace the flywheel mounting bolts with the bolts included with the flywheel.

\* Due to the dual mass flywheel to solid flywheel conversion, some gear rattle may occur. This is a normal characteristic due to the lack of shock absorption from the new solid flywheel.