

RAM CLUTCHES POWERGRIP DIESEL KITS

SPECIAL PRODUCT NOTES

HDX SETS

The RAM diesel pressure plate features a pressure increase to 3300# static clamp load. (A 20% to 35% increase over stock, depending on application.) This feature is *designed in* and not a modification to an existing product. The release travel is exactly the same as the factory pressure plate. Also, the design features a wider pressure ring casting with more mass, which provides increased heat absorption capability which resulting in longer service life.

The disc was designed around the Spicer type hub assembly, which has proven its durability in over the road trucks and will provide unlimited heavy haul capability in the diesel pickup category. The disc also features an exclusive RAM designed marcel spring cushioning system between the friction facings that provides smooth engagement and driveability.

Although this clutch package will handle 150 horsepower over stock, it retains the smooth driving characteristics of the factory clutch.

Note: This product is not intended for or recommended for truck pull applications.

POWERGRIP HD SETS

Powergrip HD sets feature the same high clamp pressure plate plus an all-metallic friction disc also built with the durable Spicer type hub. The high coefficient friction material increases the clutch capacity into the 400 – 450 horsepower range and will provide exceptionally long service.

WHAT TO CHECK WITH THIS INSTALLATION

Be sure the hydraulics provides full travel of the slave cylinder. This is a minimum of ½ inch travel at the release bearing.

Check that the fork has adequate free play and the release bearing is not in contact with the clutch fingers prior to reinstallation of the slave cylinder.

After installation and operation of the hydraulic system the bearing will normally be in contact with the clutch release fingers.

Special Note: If adequate release is not achieved, it is necessary to remove the clutch and flywheel assembly from the vehicle. Bolt the pressure plate to the flywheel with the disc in

place and torque to 35 ft. lbs. Place the complete assembly in a hydraulic press and depress the clutch fingers 0.450". This will provide complete release of the disc and confirm proper operation of the clutch assembly.

Failure to release upon reinstallation will indicate a problem in the hydraulic release system.

WARRANTY INFORMATION

Due to the intended use of this product, warranty is limited to manufacturing defects found prior to installation for a period of 30 days. There is no provision for labor costs. Any alleged warranty must be returned to the factory freight prepaid for inspection and determination using the repair order form under "repair/return" on our website. Broken or damaged parts will not qualify for warranty and may not be returned for inspection.

Proper application, installation, and operation of this product is the full responsibility of the purchaser.