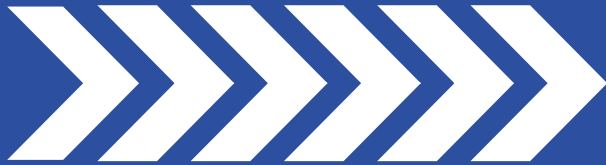


E-Z RIDER®

Heavy Duty Clutches
Made in the U.S.A.



Technical Hot Sheet

CLUTCH APPLICATION



- Clutch Size •*
- Flywheel Bore •*
- Torque Rating •*
- Linkage Systems •*

For Immediate Assistance

1-800-325-6138

24/7 TECHNICAL SUPPORT

CLUTCH APPLICATION

4 E-Z STEPS TO SELECTING THE PROPER CLUTCH

NOTE: Don't assume that the clutch removed was correct. Always be sure to check application before installing.

Step ①

Determine Clutch Size

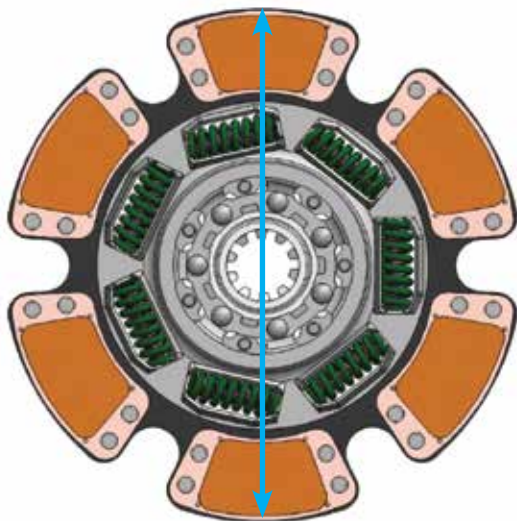
Input Shaft Diameter

1.75" or 2"



Clutch Disc Diameter

14" or 15.5"



Step ②

Determine Flywheel Bore

For 14" Clutch Size:

1. All 14" clutches use 8 spring disc assemblies and can be used only with 7" flywheel bore sized regardless of flat or pot style flywheels.

Flat

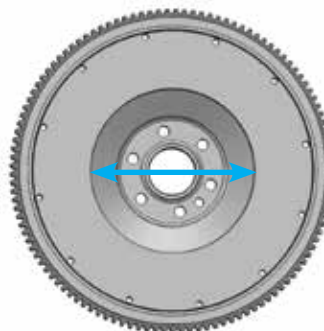


Pot



For 15.5" Clutch Size:

1. If flywheel bore is 7", ONLY use an 8 spring disc.
2. If flywheel Bore is 8.5", use a 10 spring disc.
3. If Flywheel bore is 10", use a 7 spring or 9 spring (Mack) disc.



CLUTCH APPLICATION

Step ③

Determine Clutch Torque Rating

Note: A torque rating chart may be found in the E-Z Rider catalog.

1. Correctly identify engine model and horsepower setting.
EXAMPLE: Cummins ISX15 rated at 425HP
2. Determine torque rating.
EXAMPLE: Cummins ISX15 (425HP) has a torque rating of 1650 ft*lbs

The conclusion is that a clutch with a torque rating greater than 1650 ft*lbs is needed.

Note: Only match clutch and engine torque ratings when necessary. When possible, choose a clutch with higher torque rating than the engine.

Step ④

Types of Linkage Systems

The type of linkage will determine if a manual or self-adjust clutch should be installed.

For a mechanical linkage system (rods and cables), install either a manual or self-adjust clutch.

For a hydraulic linkage system (hydraulic fluid and cylinders) ONLY a self-adjust clutch may be installed. This is due to the release fork contacting the release bearing at all times and the absence of free travel.

One quick way to determine which kind of linkage system you have is to check the release fork:

Hydraulic



Mechanical



Ace-Mfg.com



ACE

Manufacturing & Parts Co.

American Made Clutches Since 1967

300 Ramsey Street
Sullivan, MO 63080
U.S.A.

Toll Free: 800-325-6138

Fax: 573-468-5584

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