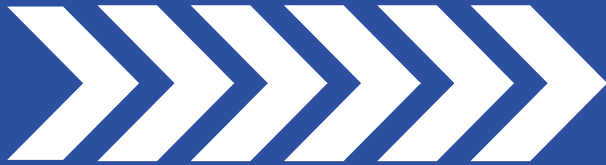


E-Z RIDER®

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



Technical Hot Sheet



CLUTCH SETUP

- The Basics •*
- Dimensional Settings •*
- Troubleshooting Variances •*

For Immediate Assistance

1-800-325-6138

24/7 TECHNICAL SUPPORT

CLUTCH SETUP

The Basics

Clutch setup consists of assuring certain dimensional settings and troubleshooting unacceptable variances.

Note: The clutch is pre-adjusted at the factory for maximum performance and longevity. Internal adjustment is only used to compensate for wear. When the clutch is new there is no wear in the clutch so adjustment is not the solution.

Dimension 1: Distance between clutch cover and release bearing

Recommended Range 1/2" - 5/8"

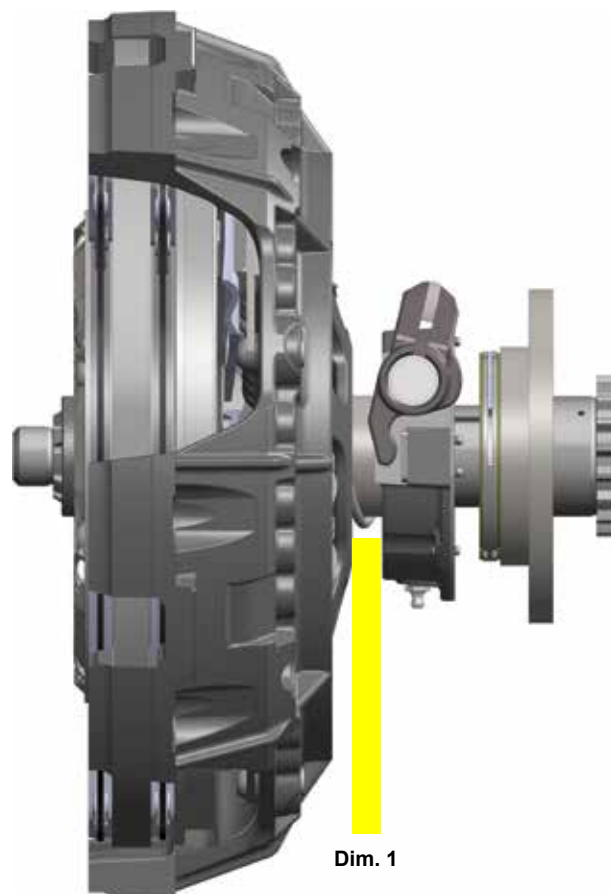
Verify the following conditions

- Clutch mounted on flywheel per installation instructions
- Caging forks/blocks are removed
- Alignment tool or clutch jack removed
- Transmission not installed

If correct - install transmission.

If incorrect - verify the following before preceding

1. Distance too large ($>5/8$ "); possible causes are:
 - Disc in backwards
 - 5/16" Flywheel dimension is too small and disc is hitting crank bolts
 - Flywheel bore is smaller than clutch disc
 - 14" Pot flywheel 2.937 dimension is not correct
2. Distance too small ($<1/2$ "); possible causes are:
 - Flywheel not resurfaced
 - Flywheel clutch pilot is more than 3/16"
 - Forgot to install a disc
 - 14" Pot flywheel 2.937 dimension is not correct



CLUTCH SETUP

Dimension 2: Distance between clutch brake and release bearing

Recommended Range 1/2" - 9/16"

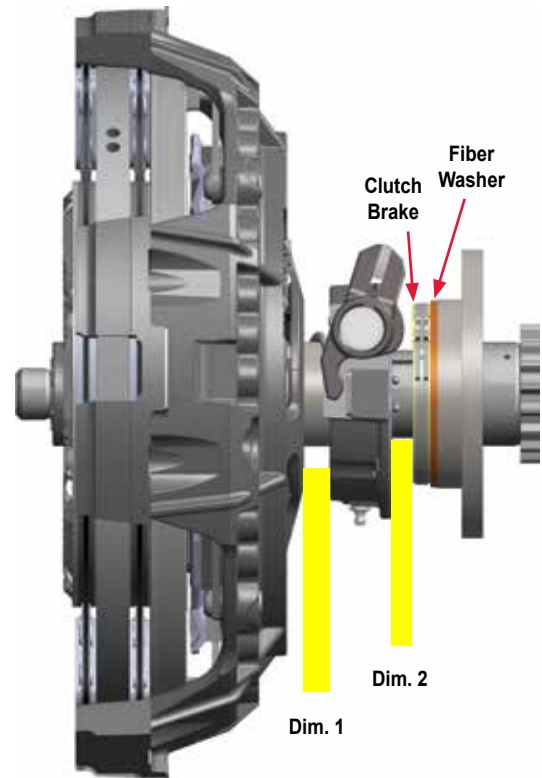
Verify the following conditions

- Clutch properly installed on flywheel (Dim. 1)
- Transmission is installed properly

If correct - proceed.

If incorrect - verify the following before preceding

1. Dim. 2 is too large ($>9/16$ "); possible causes are:
 - Dim. 1 is incorrect
 - Input shaft measurement is too long/excessive wear on input shaft bearing retainer
 - Did not use fiber spacer or oversized clutch brake
2. Dim. 2 is too small ($<1/2$ "); possible causes are:
 - Dim. 1 is incorrect
 - Used oversized clutch brake instead of standard size
 - Have fiber spacer but do not need it



Dimension 3: Distance between the fork and the release bearing

Recommended distance 1/8"

Note: Free travel is present on mechanical linkage only

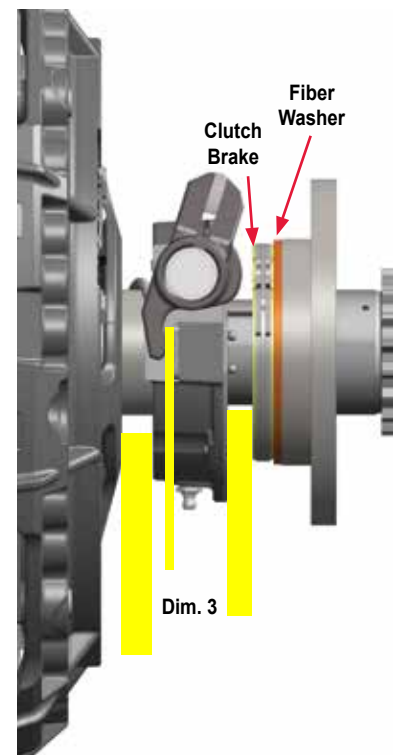
Verify the following conditions

- Dim. 1, 2 and 3 are correct

If correct - clutch is properly setup.

If Dim. 3 is incorrect - verify the following before preceding

- Release system linkage components are worn; need to be adjusted or replaced



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