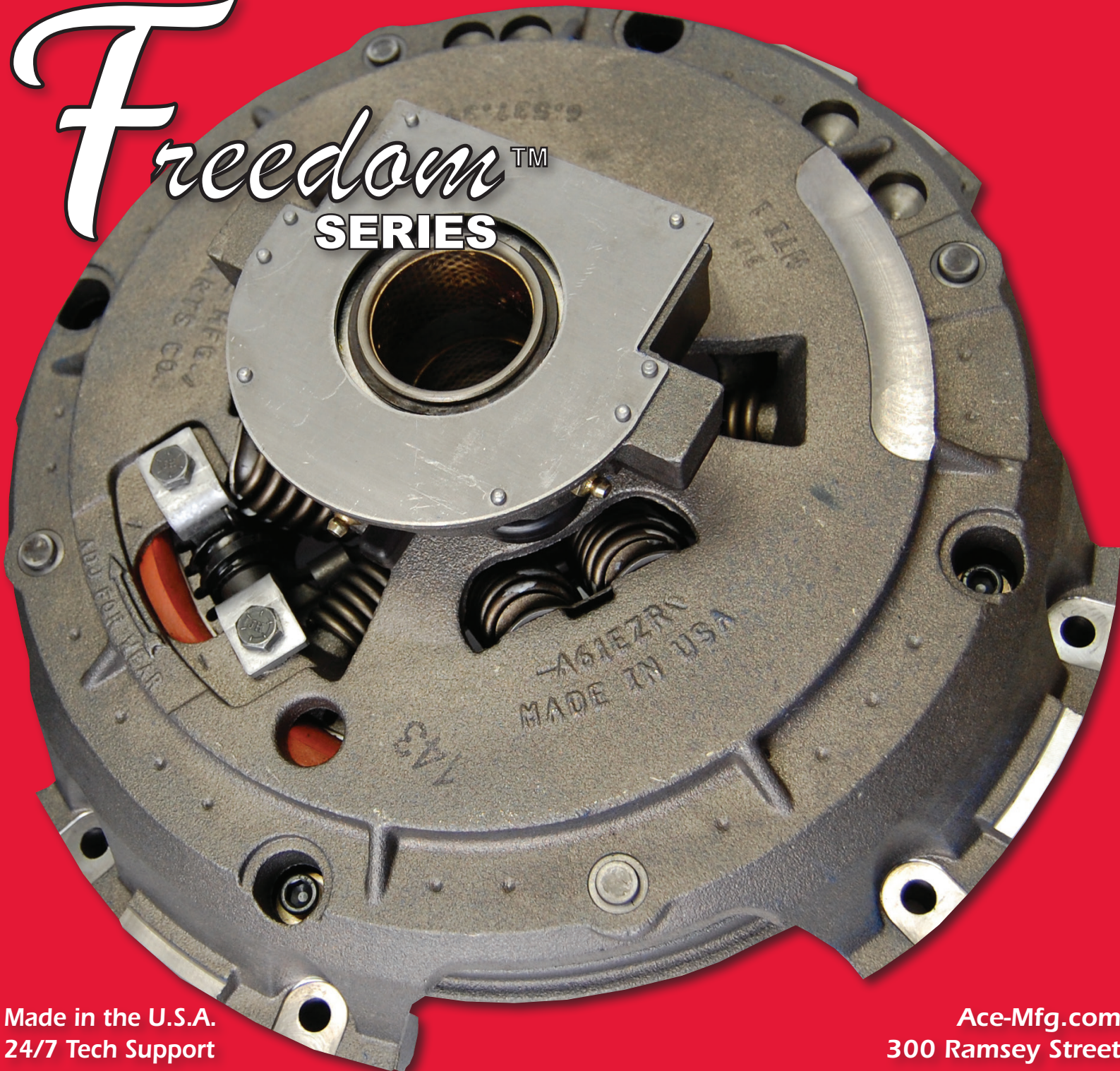


E-Z RIDER™

HEAVY DUTY CLUTCHES

By Ace Manufacturing & Parts Co.

Freedom™
SERIES



Made in the U.S.A.
24/7 Tech Support
800-325-6138

Ace-Mfg.com
300 Ramsey Street
Sullivan, MO 63080

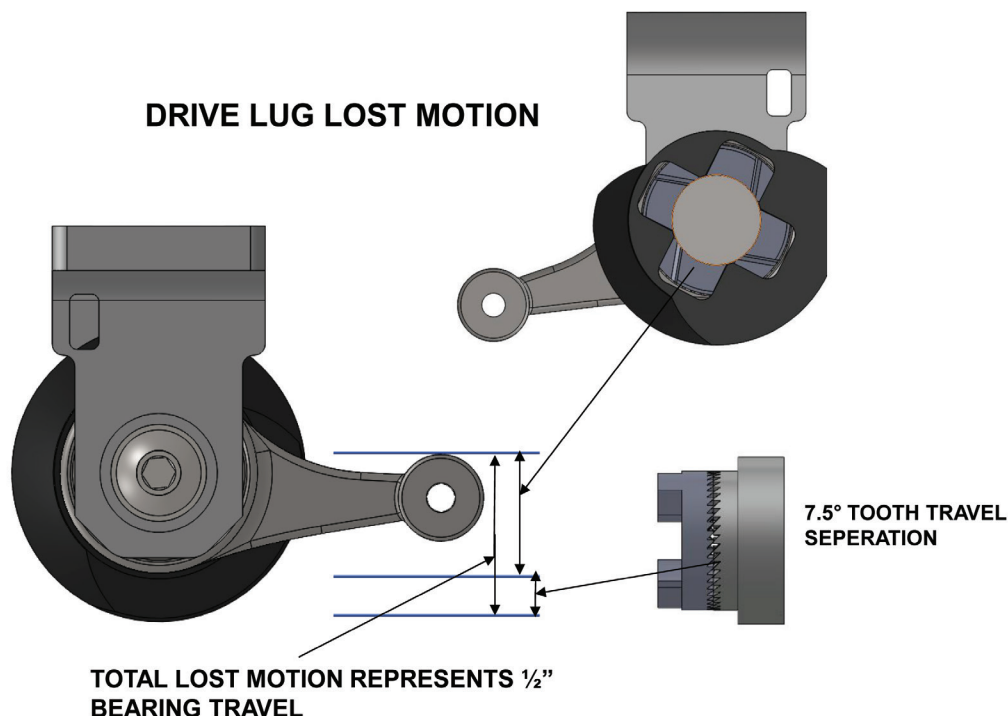
Freedom™ from manual adjustment.

How it works

During clutch disengagement, if release bearing travel is 1/2" or less, no adjustment is necessary and the built-in lost motion window ensures optimal release bearing position.

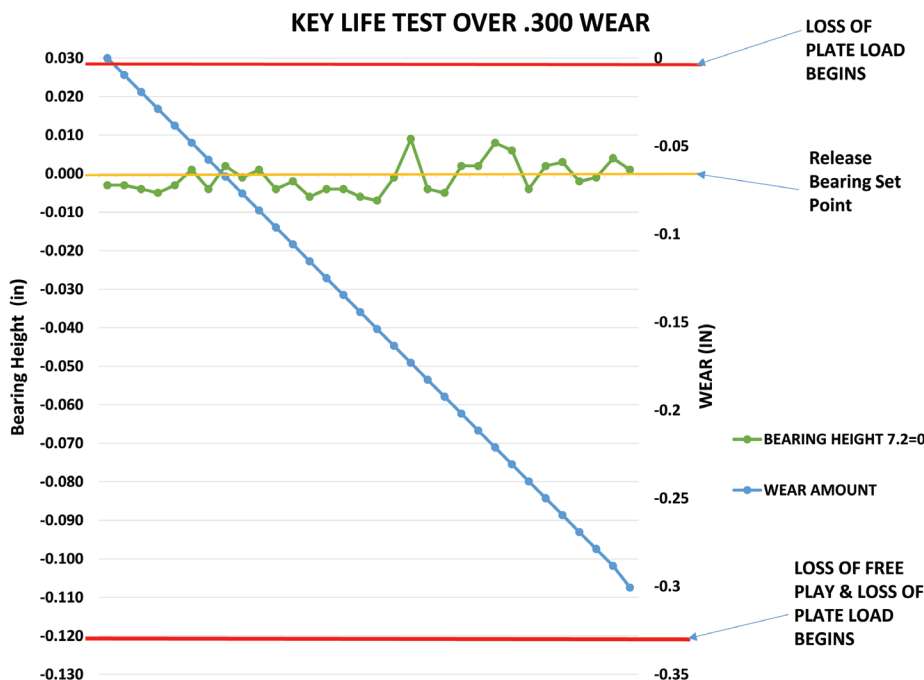
When the clutch wears, release bearing travel increases beyond lost motion window and advances worm gear. The worm gear then turns the adjusting ring to compensate for wear, repositioning the release bearing.

On clutch engagement, one way ratchet advances and restores the ideal lost motion window.



ACE PART NUMBER	DESCRIPTION	EATON CROSS REFERENCE
EZ209925-82B	15.5 x 2, 4 paddle, 7 spring, 1700 Ft*Lbs	209701-82*
EZ209925-82H	15.5 x 2, 6 paddle, 7 spring, 2050 Ft*Lbs	209701-25*
EZ209935-51	15.5 x 2, 4 paddle, 9 spring, 1700 Ft*Lbs	209701-51*
EZ209935-51H	15.5 x 2, 6 paddle, 9 spring, 2050 Ft*Lbs	209701-92*

*References to manufacturers' trade names and part numbers are for identification only



Testimonials

"We have been using this clutch for a year and half in a heavy haul daily driver without having to adjust the clutch one time where a truck under this type of load typically is adjusted every three to six months."

Wes Gahr,
Gahr Truck and Equipment

"We at Jackson Ready Mix Concrete are running the new ACE self adjusting clutch. We are pleased with the results so far. We have had it in service for six months, with no issues. That is what we have hoped for."

K. Fritz,
Jackson Ready Mix Concrete

Features and Benefits Contamination Prevention

Serviceability

- No complicated reset procedure
- Resets with Manual Adjuster
- Same procedure as manual adjust clutch

Installation

- No need to retrain technicians
- Same installation procedure as manual adjust clutch

Will NOT over adjust

- Not susceptible to outside forces (i.e. backing into dock or hitting potholes during disengagement)

Contamination Prevention Technology

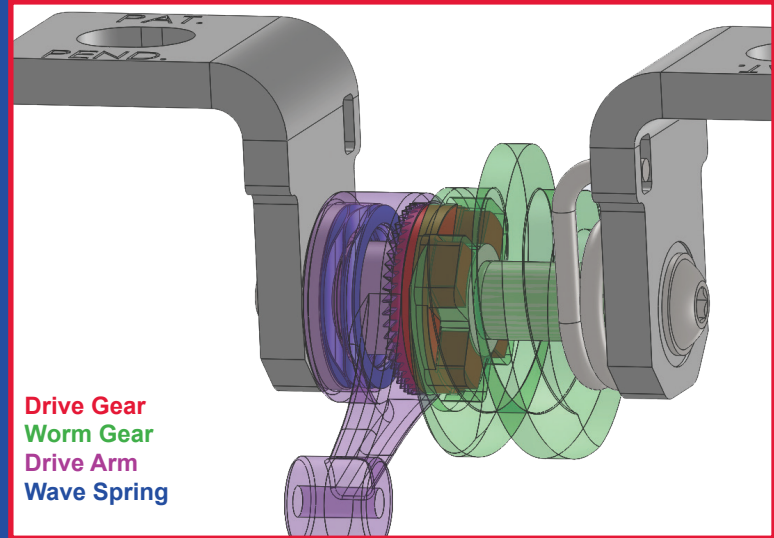
- Self-contained components in adjuster maintain optimal adjusting function
- Patent Pending Actively Expanding Seal (A.E.S.) creates an industry first anti-contamination enclosure
- Specialized lubrication ensures optimal adjustments throughout the life of the clutch

Robust Adjuster Design

- Positively engaged ratchet system
- 4-lug drive gear has the capability to deliver over 50 ft*lbs of torque to the adjusting ring
- Self-locking worm gear ensures positive adjustment

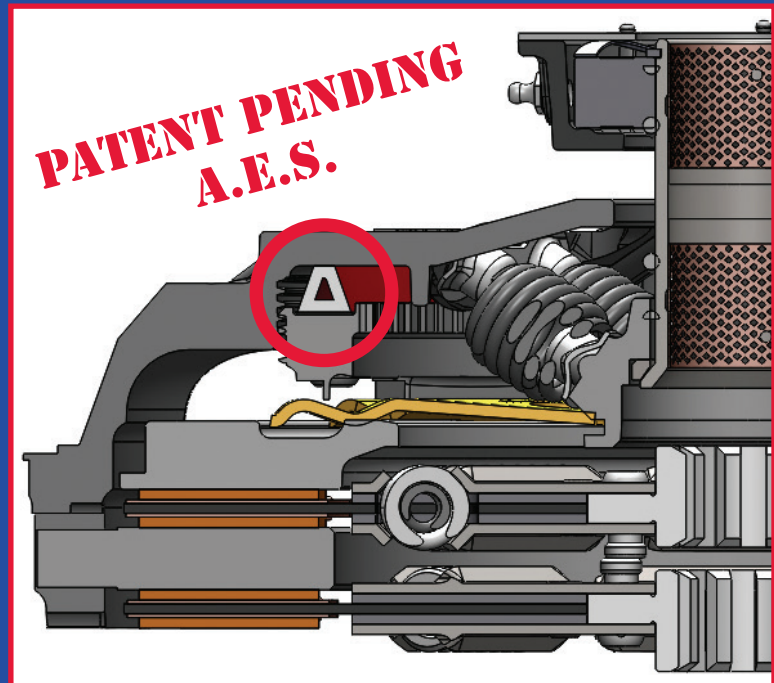
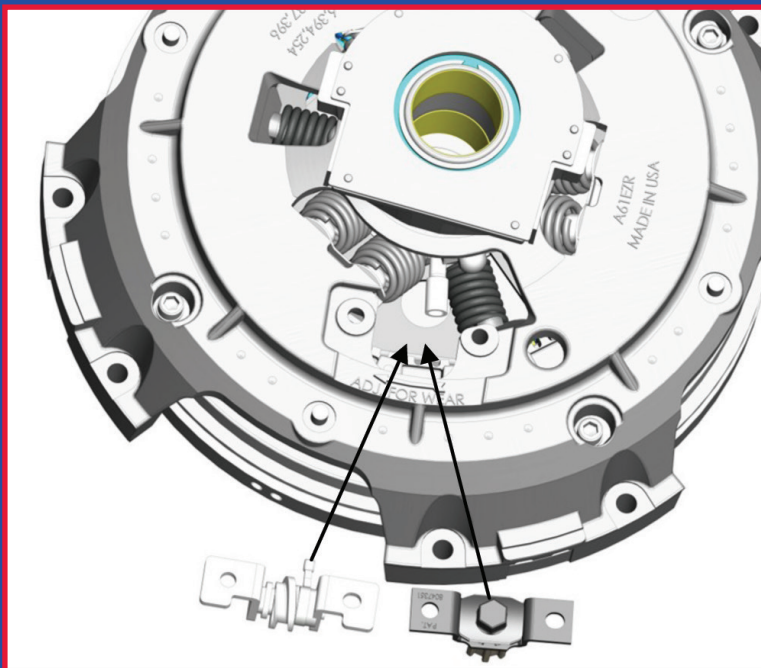
Drive Gear is contained within the Worm Gear to keep contaminants out of the Drive Lugs.

Wave Spring is contained within Drive Arm to keep out contaminants so that the spring can flex during ratchet function.



Patent Pending Actively Expanding Seal is housed in the adjusting ring to eliminate contamination related failures caused by road grime, dust, and other contaminants.

Specialized thread lube is used to reduce friction in adjusting ring/cover threads and also to prevent rusting or other corrosion that causes premature failure.





Manufacturing & Parts Co.

“An Innovative Leader in Clutch Technology”

Est. 1967

1-800-325-6138

Fax: 1-573-468-5584

Ace-Mfg.com

sales@ace-mfg.com