

Fuller® Solo® Self-Adjusting Clutch Family



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Roadranger®

More time on the road™



WARNING:
A "will-fit" clutch
may turn your truck
into an off-road vehicle.

Fuller® Solo® self-adjusting clutches give you OEM spec'd quality for less downtime with big savings.

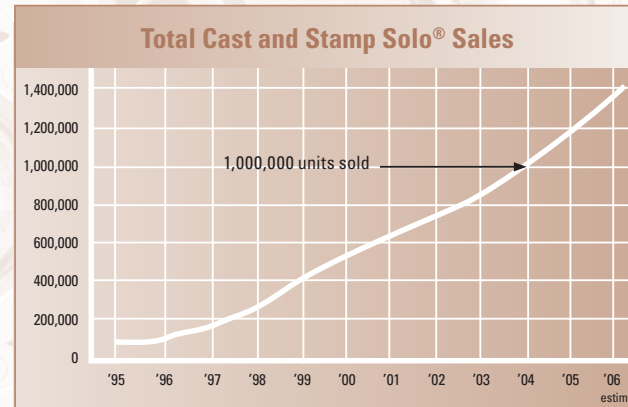
"Will-fit" clutches can result in excessive flywheel wear and broken input shafts, gear teeth or U-joints. Solo® clutches feature Eaton's exclusive OEM-approved friction materials, vibration dampening technologies, and torque management solutions designed to prevent expensive breakdowns. And because Solo clutches are self-adjusting, you save even more time and money by eliminating manual clutch adjustments. Fewer breakdowns and minimal adjustment costs. If you're looking for quality, performance, and less downtime, Solo clutches are a win-win-win for your fleet.

Solo® Self-Adjusting Clutches: The clutch that thinks it's a mechanic.

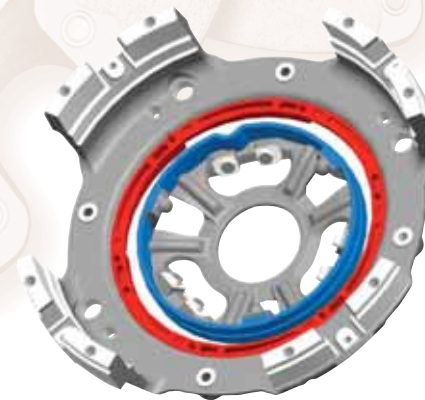
The best way to maximize clutch life is to minimize wear. And the best way to minimize wear is to maintain optimal adjustment. Solo self-adjusting clutches take care of that for you – automatically. Exclusive Solo technology keeps the clutch in constant adjustment by maintaining the bearing release position. That means smoother shifting for your drivers and fewer manual clutch adjustments for your trucks – so they spend less time in the shop and more time on the highway. When it comes to value, Solo self-adjusting clutches are in a class by themselves.

At Eaton®, our wheels are always turning so our clutch performance is always improving.

Eaton is constantly working to enhance superior Solo clutch performance by addressing common industry concerns such as over-adjust or seized cams. Through the use of design changes to consistently maintain bearing position, a continuous full baffle, and bearing improvements, the Fuller Solo family continues to be the top specification choice of OEMs, with over 1 million sold.



Using Fuller® Solo® genuine clutches can help avoid unscheduled downtime.



Common industry concerns such as over-adjust and seized cams are addressed in Solo® clutches with a continuous full baffle and bearing improvements.

Solo® Clutches: Say goodbye to manual adjustments.

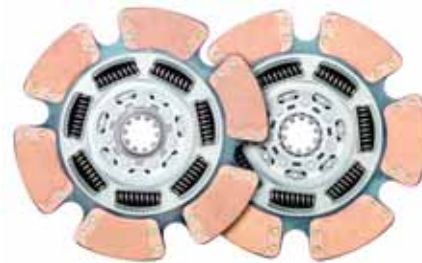
Half of all North American fleets specify Solo self-adjusting clutches for commercial vehicle operations. They know it's important to keep trucks on the highway and out of the repair shop. Solo clutches are ideal for heavy- and medium-duty applications. And with a normal lube interval of 25,000 miles, you can keep your fleet on the job – eliminating an average of 13 repair shop visits over the life of every clutch.

Solo® Extended Lube Option: Go 50,000 miles between lube jobs.

Want to cut heavy-duty maintenance costs even more? The Solo Clutch XL eliminates 13 manual clutch adjustments and 28 lubrications by extending lube intervals to 50,000 miles. That can save you hours of downtime.

Vibration Control Technology Plus for a smoother, quieter ride.

Exclusive Vibration Control Technology Plus (VCT™ Plus) dampers significantly reduce severe vibration for longer component life and smoother, more reliable operation. VCT™ Plus predampers immediately quiet neutral gear idle rattle. Both features give you world-class soft rate damper performance – pioneered in the trucking industry by Eaton engineers.



Fuller® Solo® Self-Adjusting Clutches

- *Maintain release bearing position to eliminate cost of adjustments*
- *Decrease wear to release fork, bearing, bushing, and truck linkage*
- *Wear indicator tab provides visual reading of remaining clutch life*
- *Stainless steel cam spring delivers increased durability and long life*
- *Eliminate 13 manual clutch adjustments for every truck, on average*
- *25,000-mile normal lube interval in medium- and heavy-duty use*
- *Eliminate emergency service calls, wasted driver time, and late charges*



The VCT™ Plus soft rate damper is the most innovative damper design on the market. It significantly reduces severe vibration, cuts maintenance costs and downtime, and extends drivetrain component life. The VCT Plus upgrade incorporates predamper technology to reduce torsional rate and idle gear rattle noise.

How to Maximize Your Clutch Life

- **Select the right clutch for the engine and application**
- **Maintain proper clutch adjustment to minimize wear**
- **Follow manufacturer's recommended lube guidelines**
- **When driving, always start trucks in the lowest gear**



Fuller® Solo® self-adjusting clutches

**Solo® saves time and money
on every truck.**

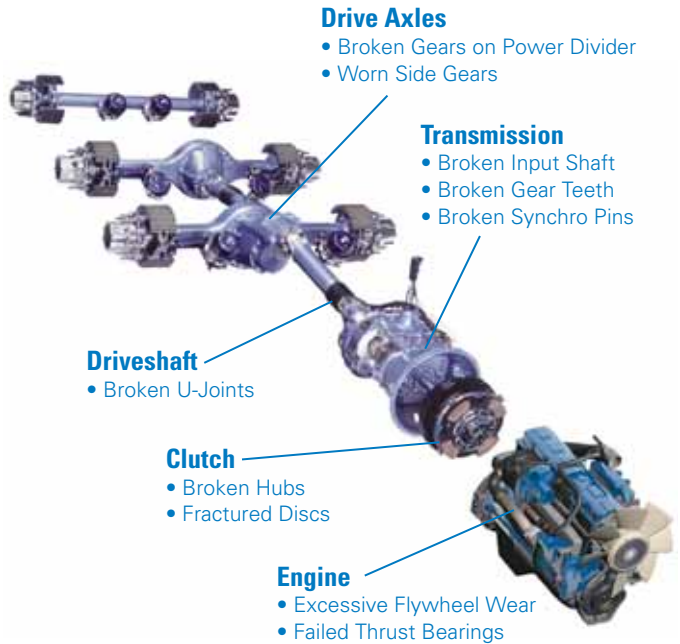
On-Highway Clutch Adjustment Interval of 30,000 Miles			
Miles driven with this clutch	Avoided adjustments	Avoided downtime (minutes)	Maintenance savings per Solo clutch
100,000	3	180	\$210
200,000	6	360	\$420
300,000	9	540	\$630
400,000	12	720	\$840
500,000	15	900	\$1,050
600,000	18	1,080	\$1,260

On-/Off-Highway Clutch Adjustment Interval of 20,000 Miles			
Miles driven with this clutch	Avoided adjustments	Avoided downtime (minutes)	Maintenance savings per Solo clutch
100,000	5	300	\$350
200,000	10	600	\$700
300,000	15	900	\$1,050
400,000	20	1,200	\$1,400
500,000	25	1,500	\$1,750
600,000	30	1,800	\$2,100



give you mile after mile of trouble-free trucking.

What Can Excessive Vibration Do To Your Drivetrain?



Eaton® engineers collaborate with engine manufacturers to design, test, and validate premium vibration dampening technology.

AVOID
TROUBLE.
GO SOLO.

How much
can you save?
(lift the flap to see)



The Roadranger® Promise

The Roadranger® System is an unbeatable combination of the best products from Eaton Corporation and Dana Corporation, backed by the Roadrangers – the most experienced, expert, and accessible drivetrain consultants in the business. The Roadranger mission is to provide the most comprehensive customer support offerings available. This begins with a 24-hour-a-day technical support call center network, an excellent source of information on warranty coverage, parts and vehicle specifications, parts and service literature, repair strategies, and warranty claim decisions.

Visit us on the Web at www.roadranger.com to see how much you can save.

**Specify Fuller® Solo® Self-Adjusting Clutches to
Minimize Breakdowns and High Maintenance Costs**

Roadranger®



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Roadranger: Eaton, Dana, and other trusted partners providing the best products and services in the industry, ensuring more time on the road.

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