



PRODUCT SPOTLIGHT
 This bulletin contains valuable product related information.
NOVEDADES DEL PRODUCTO
 Este boletín contiene información valiosa relacionada a este producto.
ACCENT PRODUCT
 Ce bulletin contient de l'information utile sur les produits.



Heavy-Duty Vehicle Replacement Components



"Sell The System"

In addition to the industry's most wide-ranging line up of alignment tools, pilot bearings, release bearings, clutch brakes, new no-core flywheels and bell housing inspection cover kits, AMS Automotive also offers a variety of additional individually-packaged wear components, many of which are contained in our heavy-duty installation kits. All are produced in compliance with TS16949, ISO9001, and ISO14001 standards using the highest quality materials. These wear components should be replaced during each clutch/flywheel replacement for the following reasons:

Clutch Fork: Worn release fingers shorten release bearing travel and create wear on the cross shaft and cross shaft bushing wears, resulting in excessive clutch pedal effort from linkage and clutch binding during engagement.

Cross Shaft and Bushings: Excessive wear at the pivot points can cause side loading on the cross shaft bushings, producing sporadic changes in the amount of free play in the cab, erratic clutch engagement, and binding of the linkage system.

Front Bearing Cover: Front bearing covers with a worn clutch brake surface will result in poor clutch brake performance and premature clutch brake service life. Replacing the front cover eliminates oil leaks produced from warped or pitted front bearing cover gasket surfaces.

Input Shaft: Even the slightest input shaft spline wear can prevent the driven discs from sliding freely, causing poor clutch release or clutch drag.

Input Shaft Support Bearing: Damage to this bearing increases rotational friction resulting in excessive noise and a seized support bearing. This will result in catastrophic damage to the input shaft.

Clutch Fork

Part Number	Ref. Number	Description	Bridge Width
CF200	105C-137	Most popular style	4.88"

Cross Shaft/Bushings

Part Number	Ref. Number	Description	Length	OD
CS1047	106C-1047	Cross shaft (Long) – 20 splines	9.47"	1.00"
CS1498	106C-1498	Cross shaft (Short) – no splines	6.50"	1.00"
CS1499	2005406C1	Cross shaft (Long) – no splines (Intl Harvester / Navistar)	9.75"	1.00"
CS1500	06-01093	Cross shaft (Long) – threaded (Peterbilt Model 387 Trk)	9.62"	1.00"
CS1501	K210-883	Cross shaft (Long) – no splines (Kenworth)	9"	1.00"
CSB1616	12815	Cross shaft bushing qty. of 1	1.00"	1.13"
CSB1616/4X	12815	Cross shaft bushing qty. of 4	1.00"	1.13"

Front Bearing Cover

Part Number	Ref. Number	Description	Thickness
FBC100	20550	Fits pull style apps. with 2.00" input shaft	1.04"

Input Shaft

Part Number	Ref. Number	Description	Teeth	Gears	Length
IS1659	S-1659	2.00" spline	10T	18	11.94"
IS2822	S-2822	2.00" spline	10T	26	12.17"

Input Shaft Support Bearing

Part Number	Ref. Number	Description	ID	OD
6212-S	81504	1-side shielded ball style (incl. snap ring)	4.33"	2.35"
N1907	4301417	Heavy duty roller style (incl. snap ring)	4.33"	2.35"

New items are shown in shaded text