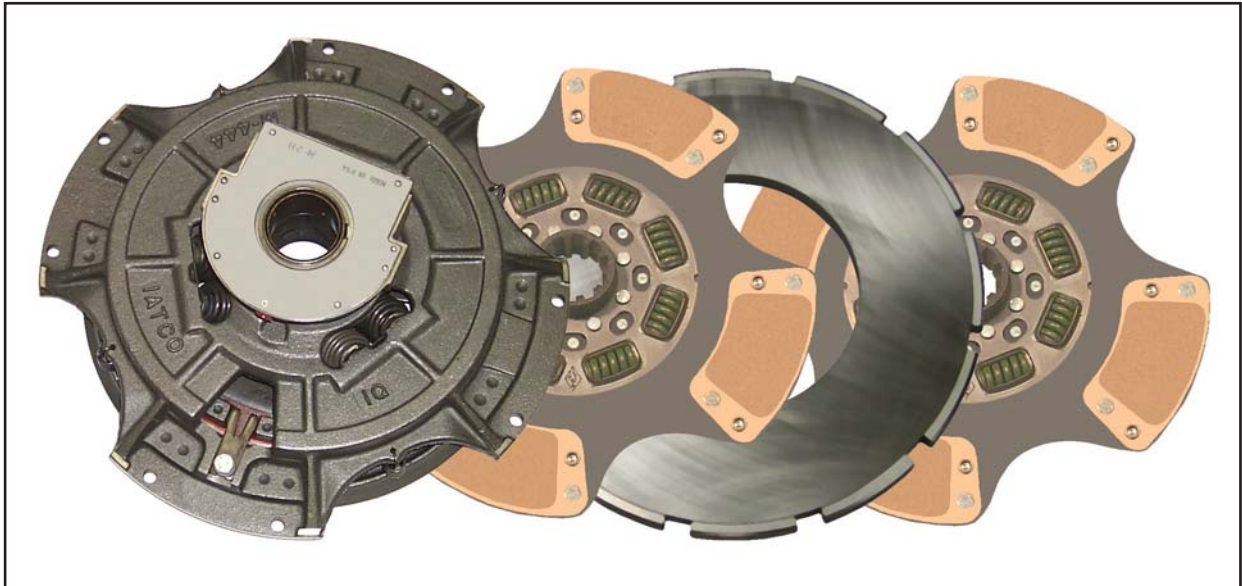


NEW CLUTCH ASSEMBLIES MADE IN THE U.S.A.



**THE MOST COMPLETE LINE OF NEW CLUTCHES FOR
CLASS 6, 7, AND 8 TRUCKS AVAILABLE IN THE AFTERMARKET.**

**MATCHED UNIT CONFIGURATIONS TO FIT YOUR NEEDS UP TO THE
HIGHEST TORQUE RATED ENGINES. ALL MAKES COVERAGE FOR
NORTH AMERICAN PRODUCED CLASS 6-7-8 VEHICLES.**

1 YEAR, 100,000 MILE WARRANTY.

CLUTCH ASSEMBLIES

CLUTCH

NEWSTAR NUMBER	-- REPLACEMENT FOR -- DANA® NUMBER	-- COVER ASSEMBLY NUMBER	ADJUSTMENT TYPE	BEARING TYPE	PLATE LOAD POUNDS	TORQUE RATING (FT/LBS)	CARRIER STYLE	FRICTION MATERIAL	CERAMIC CONFIG	NM OF SPRINGS	CONVENTIONAL	FREE TRAVEL	MIN. FLYWHEEL OPENING
14" X 1 3/4" CAST IRON TWO PLATE													
S-8307	107035-36	127400-1	MANUAL	GREASABLE	3200	600	ROUND	ORGANIC		R			7"
S-8308	107035-22	127400-1	MANUAL	GREASABLE	3200	800	ROUND	CERAMIC		R			7"
S-8309	107035-54	127400-1	MANUAL	GREASABLE	3200	900	ROUND	ORGANIC		8	X		7"
S-8310	107035-53	127400-1	MANUAL	GREASABLE	3200	1000	ROUND	CERAMIC	VTL	8	X		7"
S-E351	107035-82	127400-4	MANUAL	GREASABLE	3600	1100	ROUND	ORGANIC		8	X		7"
S-E352	107063-59	127400-1	MANUAL	GREASABLE	3200	1150	4-PADDLE	CERAMIC	VSR	8	X		7"
14" X 2" CAST IRON TWO PLATE													
S-8303	107034-30	127390-1	MANUAL	GREASABLE	3200	600	ROUND	ORGANIC		R			7"
S-8304	107034-19	127390-1	MANUAL	GREASABLE	3200	800	ROUND	CERAMIC	VTL	R			7"
S-8305	107034-32 107034-54B	127390-1	MANUAL	GREASABLE	3200	1000	ROUND	ORGANIC		8	X		7"
S-8306	107034-53	127390-1	MANUAL	GREASABLE	3200	1000	ROUND	CERAMIC	VTL	8	X		7"
S-E353	107050-59	127390-1	MANUAL	GREASABLE	3200	1400	4-PADDLE	CERAMIC	VSR	8		X	7"
S-E354	107950-59	127390-4-M	MANUAL	GREASABLE	3200	1400	4-PADDLE	CERAMIC	VSR	8		X	7"
15 1/2" X 1 3/4" CAST IRON TWO PLATE													
S-8311	107090-22	127476-1	MANUAL	GREASABLE	3200	1000	ROUND	ORGANIC		R			7"
S-8313	107090-56	127476-1	MANUAL	GREASABLE	3200	1100	ROUND	ORGANIC		8	X		7"
S-8314	107090-52	127476-1	MANUAL	GREASABLE	3200	1250	ROUND	CERAMIC	VTL	8	X		7"
15 1/2" X 2" CAST IRON TWO PLATE													
S-8315	107091-27	127597-1	MANUAL	GREASABLE	3200	1000	ROUND	ORGANIC		R			7"
S-8316	107091-3	127597-1	MANUAL	GREASABLE	3200	1100	ROUND	CERAMIC	VTL	R			7"
S-8317	107091-77	127597-4	MANUAL	GREASABLE	3600	1250	ROUND	ORGANIC		8		X	7"
S-8318	107091-52	127597-1	MANUAL	GREASABLE	3600	1150	ROUND	CERAMIC	VTL	8	X		7"
S-E355	107091-77	127597-4	MANUAL	GREASABLE	3600	1250	ROUND	ORGANIC		8		X	7"
S-E416	107391-93	127597-6	MANUAL	GREASABLE	4000	1850	6-PADDLE	CERAMIC	VSR	10	X		
S-E419	107935-51	150698-4-M	MANUAL	GREASABLE	3600	1650	4-PADDLE	CERAMIC	VSR	9	X		
S-E420	107935-82	150699-4-M	EASE-A-JUST	GREASABLE	3600	1700	4-PADDLE	CERAMIC	VSR	7		X	
S-E421	107935-51	150699-4-M	EASE-A-JUST	GREASABLE	3600	1650	4-PADDLE	CERAMIC	VSR	9	X		
S-E603	107091-81	---	MANUAL	GREASABLE	3600	1400	4-PADDLE	CERAMIC	VSR	8		X	7"
S-E606	107391-74	---	EASE-A-JUST	GREASABLE	3600	1650	4-PADDLE	CERAMIC	VSR	10	X		

CLUTCH ASSEMBLIES

NEWSTAR NUMBER	— REPLACEMENT FOR — DANA® NUMBER	COVER ASSEMBLY NUMBER	ADJUSTMENT TYPE	BEARING TYPE	PLATE LOAD POUNDS	TORQUE RATING (FT/LBS)	CARRIER STYLE	FRICTION MATERIAL	CERAMIC CONFIG	NM OF SPRINGS	CONVENTIONAL	FREE TRAVEL	MIN. FLYWHEEL OPENING
330MM X 1 1/4" & 1 3/8" & 1 1/2"													
S-8853	107606-1	330-1928	EXTERNAL	GREASABLE	2800	400	4-PADDLE	CERAMIC	VTL	8	X		7"
S-8868	107611-2	330-1938	EXTERNAL	GREASABLE	2400	400	ROUND	ORGANIC		8	X		7"
S-8869	107943-3	330-1938	EXTERNAL	GREASABLE	2400	400	4-PADDLE	CERAMIC	VTL	8	X		7"
S-E423	LP1937-134	330-1937	EXTERNAL	GREASABLE	2400	400	ROUND	ORGANIC		8	X		7"
	MU1266												
14" DLB X 1 1/2" & 1 3/4"													
S-E425	LP1047-134	14-1047	EXTERNAL	GREASABLE	3200	500	ROUND	ORGANIC		10	X		7"
S-E426	LP1067-144	14-1067	EXTERNAL	GREASABLE	2800	550	ROUND	ORGANIC		10	X		7"
S-E427	LP1072-134	14-1072	EXTERNAL	GREASABLE	2000	550	ROUND	ORGANIC		10	X		7"
350MM X 1 1/2" SINGLE PLATE PUSH TYPE													
S-C372	107620-1	102048	EXTERNAL	GREASABLE	2400	500	4-PADDLE	CERAMIC	VSR	8	X		7"
S-E429	107621-7	102048	EXTERNAL	GREASABLE	2400	500	4-PADDLE	CERAMIC	VSR	8	X		7"
14" X 1 1/2" STAMPED STEEL SINGLE PLATE													
S-8295	107688-7	129710-3	EASE-A-JUST	GREASABLE	2400	520	4-PADDLE	CERAMIC	VSR	8	X		7"
14" X 1 3/4" STAMPED STEEL SINGLE PLATE													
S-8296	107113-7	127747-2	MANUAL	GREASABLE	2800	445	ROUND	CERAMIC	VSR	8	X		7"
S-8297	107113-5	127747-2	MANUAL	GREASABLE	2800	650	4-PADDLE	CERAMIC	VSR	8	X		7"
S-E432	107683-5	127747-1	MANUAL	GREASABLE	3200	650	3-PADDLE	CERAMIC	VTL	8	X		7"
S-E433	107683-16	127747-1	MANUAL	GREASABLE	3200	445	ROUND	ORGANIC		8	X		7"
S-E434	107684-6	129044-1	EASE-A-JUST	GREASABLE	3200	650	3-PADDLE	CERAMIC	VTL	8	X		7"
14" X 1 3/4" STAMPED STEEL TWO PLATE													
S-8299	107137-5	129044-2	MANUAL	GREASABLE	2800	900	3-PADDLE	CERAMIC	VSR	8	X		7"
S-8298	107137-6	129044-2	MANUAL	GREASABLE	2800	800	ROUND	ORGANIC		8	X		7"
S-C580	107237-8	129060-5	EASE-A-JUST	GREASABLE	2000	900	3-PADDLE	CERAMIC	VTL	8		X	7"
S-E430	107137-8	129044-5	MANUAL	GREASABLE	2000	900	3-PADDLE	CERAMIC	VTL	8		X	7"
S-E599	107237-16	129060-2	EASE-A-JUST	GREASABLE	2800	800	ROUND	ORGANIC		8	X		7"
14" X 2" STAMPED STEEL TWO PLATE													
S-8301	107142-3	129055-2	MANUAL	GREASABLE	2800	800	ROUND	ORGANIC		8	X		7"
S-8302	107142-2	129055-2	MANUAL	GREASABLE	2800	900	3-PADDLE	CERAMIC	VSR	8	X		7"
S-E600	107342-11	129061-5	EASE-A-JUST	GREASABLE	2000	900	3-PADDLE	CERAMIC	VTL	8		X	7"

"SOFT PEDAL" CLUTCH ASSEMBLIES

- STATE-OF-THE-ART DIAPHRAGM SPRING DESIGN
- TRADITIONAL MANUAL ADJUSTMENT
- SMOOTHER ENGAGEMENT
- NO METAL WEAR TO CAUSE INTERNAL FRICTION

- STRAP DRIVE FOR SMOOTHER TRANSFER OF ENERGY
- 30% LESS BEARING LOAD WITH PEDAL PRESSURE REDUCTION
- LESS DRIVER FATIGUE AND IMPROVED PRODUCTIVITY
- INCREASED COVER VENTILATION FOR BETTER HEAT DISSIPATION

NEWSTAR NUMBER	-- REPLACEMENT FOR -- DANA® NUMBER	-- COVER ASSEMBLY NUMBER	ADJUSTMENT TYPE	BEARING TYPE	PLATE LOAD POUNDS	TORQUE RATING (FT/LBS)	CARRIER STYLE	FRICTION MATERIAL	CERAMIC CONFIG	NM OF SPRINGS	CONVENTIONAL	FREE TRAVEL	MIN. FLYWHEEL OPENING
14" X 1 3/4" SOFT PEDAL													
S-E437	108063-59	160051-1	MANUAL	GREASABLE	3200	1150	4-PADDLE	CERAMIC	VSR	8	X		7"
14" X 2" SOFT PEDAL													
S-D575	108034-61	160051-1	MANUAL	GREASABLE	3200	1150	3-PADDLE	CERAMIC	VSR	8	X		7"
S-D574	108050-59	160051-1	MANUAL	GREASABLE	3200	1400	4-PADDLE	CERAMIC	VSR	8		X	7"
S-E439	108950-59	160051-1-M	MANUAL	GREASABLE	3200	1400	4-PADDLE	CERAMIC	VSR	8		X	7"
15 1/2" X 2" SOFT PEDAL													
S-E440	108391-82	152705-6	MANUAL	GREASABLE	4000	1350	ROUND	ORGANIC		8		X	7"
S-C308	108391-78B	152705-6	MANUAL STK	GREASABLE	4000	1400	ROUND	ORGANIC		10	X		8.5"
S-C309	108391-81B	152705-4	MANUAL	GREASABLE	3600	1450	4-PADDLE	CERAMIC	VSR	8		X	7"
S-C310	108391-74B	152705-4	MANUAL	GREASABLE	3600	1650	4-PADDLE	CERAMIC	VSR	10	X		8.5"
S-E441	108391-93B	152705-6	MANUAL	GREASABLE	4000	1850	6-PADDLE	CERAMIC	VSR	10	X		8.5"
S-C311	108925-82B	151455-4	MANUAL	GREASABLE	3600	1700	4-PADDLE	CERAMIC	VSR	7		X	10"
S-E442	108935-51	151455-4-M	MANUAL	GREASABLE	3600	1650	4-PADDLE	CERAMIC	VSR	9	X		10"
S-C697	108935-91	151455-4-M	MANUAL	GREASABLE	3600	1700	6-PADDLE	CERAMIC	VSR	9	X		10"
S-E443	108935-94	151455-6-M	MANUAL	GREASABLE	4000	1850	6-PADDLE	CERAMIC	VSR	9	X		10"

CLUTCH

CLUTCH ASSEMBLIES - HEAVY DUTY - EASY EFFORT

EASY EFFORT CLUTCHES FOLLOW THE LATEST PRODUCTION DESIGN INCORPORATING COIL SPRING TECHNOLOGY. THREE ASSIST SPRINGS SERVE TO LOWER BEARING LOAD, AND THEREFORE, LOWER PEDAL EFFORT. ADJUSTMENT IS ACHIEVED THROUGH THE RELIABLE "EASE-A-JUST" SYSTEM.

NEWSTAR NUMBER	— REPLACEMENT FOR — DANA® NUMBER	COVER ASSEMBLY NUMBER	ADJUSTMENT TYPE	BEARING TYPE	PLATE LOAD POUNDS	TORQUE RATING (FT/LBS)	CARRIER STYLE	FRICTION MATERIAL	CERAMIC CONFIG	NM OF SPRINGS	CONVENTIONAL	FREE TRAVEL	MIN. FLYWHEEL OPENING
14" X 1 3/4" EASY EFFORT													
S-18594	108035-82EE	NCA-147800-4	EASE-A-JUST	GREASABLE	3600	1000	ROUND	ORGANIC		8	X		7"
S-18595	108063-59EE	NCA-147800-1	EASE-A-JUST	GREASABLE	3200	1150	4-PADDLE	CERAMIC	VSR	8	X		7"
14" X 2" EASY EFFORT													
S-18596	108034-57EE	NCA-147890-1	EASE-A-JUST	GREASABLE	3200	1000	ROUND	ORGANIC		8		X	7"
S-18597	108034-61EE	NCA-147890-1	EASE-A-JUST	GREASABLE	3200	1150	3-PADDLE	CERAMIC	VSR	8	X		7"
S-18598	108034-82EE	NCA-147890-4	EASE-A-JUST	GREASABLE	3600	1100	ROUND	ORGANIC		8	X		7"
S-18599	108050-59EE	NCA-147890-1	EASE-A-JUST	GREASABLE	3200	1400	4-PADDLE	CERAMIC	VSR	8		X	7"
S-18600	108334-22EE	NCA-147890-1	EASE-A-JUST	GREASABLE	3200	1150	3-PADDLE	CERAMIC	VSR	8	X		7"
S-18601	108950-59EE	NCA-147890-1M	EASE-A-JUST	GREASABLE DUAL ZERK	3200	1400	4-PADDLE	ORGANIC	VSR	8		X	7"
14 1/2" X 1 3/4" EASY EFFORT													
S-18602	108390-77EE	NCA-157477-4	EASE-A-JUST	GREASABLE	3600	1250	ROUND	ORGANIC		8	X		7"
15 1/2" X 2" EASY EFFORT													
S-18603	108391-74EE	NCA-157898-4	EASE-A-JUST	GREASABLE	3600	1650	4-PADDLE	CERAMIC	VSR	10	X		8.5"
S-18604	108391-77EE	NCA-157898-4	EASE-A-JUST	GREASABLE	3600	1250	ROUND	ORGANIC		8		X	7"
S-18605	108391-78EE	NCA-157898-6	EASE-A-JUST	GREASABLE	4000	1400	ROUND	ORGANIC		10	X		8.5"
S-18606	108391-81EE	NCA-157898-4	EASE-A-JUST	GREASABLE	3600	1450	4-PADDLE	CERAMIC	VSR	8		X	7"
S-18607	108391-82EE	NCA-157898-6	EASE-A-JUST	GREASABLE	4000	1350	ROUND	ORGANIC		8		X	7"
S-18608	108391-83EE	NCA-157898-1	EASE-A-JUST	GREASABLE	3200	1070	ROUND	ORGANIC		8		X	7"
S-18609	108391-93EE	NCA-157898-6	EASE-A-JUST	GREASABLE	4000	1850	6-PADDLE	CERAMIC	VSR	10	X		8.5"
S-18611	108925-20EE	NCA-157898-6	EASE-A-JUST	GREASABLE	4000	2050	6-PADDLE	CERAMIC	VSR	6	X		10"
S-18611	108925-25EE	NCA-157898-6	EASE-A-JUST	GREASABLE	4000	2050	6-PADDLE	CERAMIC	VSR	6	X		10"
S-18612	108925-70EE	NCA-157898-6	EASE-A-JUST	GREASABLE	4000	1750	6-PADDLE	CERAMIC	VSR	7		X	10"
S-18613	108925-82EE	NCA-157898-4	EASE-A-JUST	GREASABLE	3600	1700	4-PADDLE	CERAMIC	VSR	7		X	10"
S-18614	108935-25EE	NCA-157898-6M	EASE-A-JUST	GREASABLE DUAL ZERK	4000	2050	6-PADDLE	CERAMIC	VSR	6	X		10"
S-18615	108935-51EE	NCA-157898-4M	EASE-A-JUST	GREASABLE DUAL ZERK	3600	1700	4-PADDLE	CERAMIC	VSR	9	X		10"
S-18616	108935-82EE	NCA-157898-4M	EASE-A-JUST	GREASABLE DUAL ZERK	3600	1700	4-PADDLE	CERAMIC	VSR	7		X	10"
S-18617	108935-91EE	NCA-157898-4M	EASE-A-JUST	GREASABLE DUAL ZERK	3600	1700	6-PADDLE	CERAMIC	VSR	9	X		10"
S-18618	108935-94EE	NCA-157898-6M	EASE-A-JUST	GREASABLE DUAL ZERK	4000	1850	6-PADDLE	CERAMIC	VSR	9	X		10"

LATEST ADDITIONS TO OUR CATALOG

EXCEPT WHERE SPECIFIED, ALL PARTS SUPPLIED ARE S&S/NEWSTAR. USE OF OTHER MANUFACTURERS' NAMES, PART NUMBERS, OR TRADEMARKS ARE FOR INFORMATIONAL AND IDENTIFICATION PURPOSES ONLY.



CLUTCH INSTALLATION KITS

SUITABLE FOR HEAVY DUTY FULLER APPLICATIONS



FEATURES:

NEW KITS NOW AVAILABLE FOR FULLER FR SERIES. ALSO CONTAINS MACK APPLICATION PILOT BEARING

NEW IDLET SHAFT DESIGN ENGINEERED TO ELIMINATE IDLE GEAR RATTLE

LATEST DESIGN SHIFT TOWER AND CLUTCH HOUSING GASKETS - INCLUDES BEADED SURFACE TO ELIMINATE LEAK PATHS.

INCLUDES LATEST DESIGN FRONT BEARING COVER ENGINEERED FOR SMOOTHER CLUTCH BRAKE SURFACE WITH OIL RETURN GROOVES ON THE INPUT SHAFT FOR MAXIMUM LUBE RETENTION.

MANY KITS CONTAIN LONG LIFE FLYWHEEL PILOT BEARING WITH HIGH TEMPERATURE GREASE AND VITON SEALS TO RESIST THE TEMPERATURES OF TODAY'S HOTTER RUNNING ENGINES.

SOME KITS INCLUDE THE CROSS SHAFT BUSHINGS FOR IMPROVED THROW-OUT BEARING LIFE, SMOOTHER SHIFTING, EASIER OPERATION AND PROTECTION AGAINST COSTLY CLUTCH HOUSING REPAIRS OR REPLACEMENTS.

NEWSTAR NUMBER	REPLACEMENT FOR PART NUMBER	APPLICATION
S-9971	K-2468	RT SERIES
S-18620	K-3599	RT SERIES W/ MACK STYLE PILOT BEARING
S-15476	K-3600	FR SERIES
S-18621	K-3601	FR SERIES W/ MACK STYLE PILOT BEARING
S-16703	K-3762	RT SERIES SEVERE DUTY

CONSISTS OF INPUT SHAFT, GASKET SET, FRONT BEARING RETAINER, CLUTCH BRAKE, CLUTCH FORK AND BEARINGS

CLUTCH

CLUTCH ALIGNMENT TOOLS

NOW OFFERING TOOLS TO HELP ELIMINATE IMPROPER CLUTCH ALIGNMENT



MADE IN THE U.S.A.

NEWSTAR CLUTCH ALIGNMENT TOOLS ALLOW DISC SPLINES TO BE EASILY ALIGNED TO THE PILOT BEARING.

THE SHAPE OF THE CLUTCH ALIGNMENT TOOLS FOLLOW THE PROFILE OF THE ACTUAL INPUT SHAFT.

DUE TO A SPECIALLY MOLDED PLASTIC MATERIAL, CLUTCH ALIGNMENT TOOLS CAN BE USED OVER AND OVER AGAIN.

NEWSTAR NUMBER	DESCRIPTION
S-E343	1 3/8" SPLINE X 1" PILOT
S-E344	1 1/2" SPLINE X 1" PILOT
S-E345	1 1/2" SPLINE X 3/4" PILOT
S-E346	1 1/2" SPLINE X 1.18" PILOT
S-E347	1 3/4" SPLINE X 1" PILOT
S-E348	1 3/4" SPLINE X 1.18" PILOT
S-E349	2" SPLINE X 1.18" PILOT

ENSURE CORRECT ADJUSTMENT FOR PROPER CLUTCH OPERATION



**NEWSTAR
NUMBER**

S-E337

1/8" GAUGE

CHECKS THE 1/8" CLUTCH PEDAL FREE PLAY BETWEEN THE YOKE AND BEARING WEAR PAD



**NEWSTAR
NUMBER**

S-E338

1/2" GAUGE

VERIFIES THE 1/2" RELEASE TRAVEL BETWEEN THE RELEASE BEARING AND THE TRANSMISSION BEARING CAP



**NEWSTAR
NUMBER**

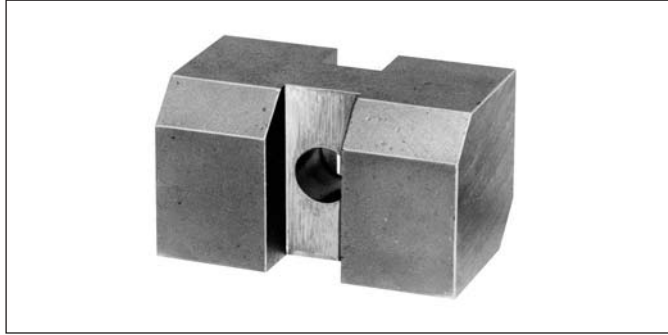
S-E339

TOOL KIT FOR BOTH GAUGES

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CLUTCH ALIGNMENT TOOLS



**NEWSTAR
NUMBER**

S-A362

DRIVE LUG ALIGNMENT TOOL



**NEWSTAR
NUMBER**

S-A356

**REPLACEMENT FOR
PART NUMBER:**

7028

CLUTCH ADJUSTING TOOL

ENSURE CORRECT ADJUSTMENT FOR PROPER CLUTCH OPERATION

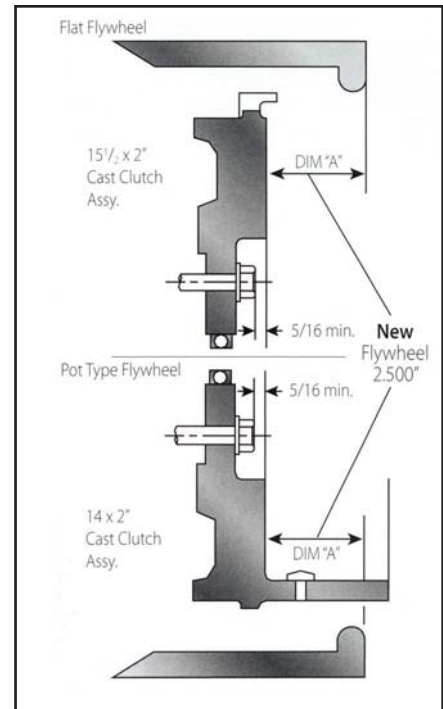
CLUTCH

OVERSIZED CLUTCH BRAKES AND WASHERS

WHEN TO USE AN OVERSIZED CLUTCH BRAKE OR WASHER:

EVERY CLUTCH REPLACEMENT REQUIRES FLYWHEEL RESURFACING AT THE TIME OF INSTALLATION. THE USE OF CERAMIC FRICTION MATERIALS OVER THE PAST YEARS REQUIRES MORE MATERIAL BE REMOVED IN THE RESURFACING PROCESS. THIS RESULTS IN THE CLUTCH ASSEMBLY BEING MOVED CLOSER TO THE ENGINE AND AWAY FROM THE TRANSMISSION. PRE-ADJUSTMENT OF THE CLUTCH TO COMPENSATE FOR A LARGER "CLUTCH ENVELOPE" RESULTS IN DIMINISHED ADJUSTMENT DURING THE LIFE OF THE CLUTCH OR CAN EVEN CAUSE MALFUNCTION WITHIN THE CLUTCH ASSEMBLY.

AFTER INSTALLING THE RESURFACED FLYWHEEL, DETERMINE DIMENSION "A" AS SHOWN IN THE ADJACENT DRAWING. THEN SELECT THE CORRESPONDING CLUTCH BRAKE (HINGED OR TORQUE LIMITING) AND/OR WASHER FROM A TABLE BELOW. INSTALLING A THICKER CLUTCH BRAKE WILL MINIMIZE THE AMOUNT OF CLUTCH PREADJUSTMENT AND MAXIMIZE THE LIFE OF BOTH THE CLUTCH AND THE FLYWHEEL.



HINGED CLUTCH BRAKES		
DIM "A"	NEWSTAR NUMBER	DESCRIPTION
2.500" - 2.570"	S-15475	2" (.380" THICK)
2.570" - 2.660"	S-16422	2" (.450" THICK)
2.660" - 2.725"	S-16423	2" (.500" THICK)
2.725" - 2.775"	S-16424	2" (.550" THICK)
2.500" - 2.570"	S-16425	1 3/4" (.380" THICK)



TORQUE LIMITING CLUTCH BRAKE		
DIM "A"	NEWSTAR NUMBER	DESCRIPTION
2.500" - 2.570"	S-B038	1 3/4" (.380" THICK)
2.660" - 2.725"	S-17669	1 3/4" (.500" THICK)
2.500" - 2.570"	S-B039	2" (.380" THICK)
2.570" - 2.660"	S-17670	2" (.450" THICK)
2.660" - 2.725"	S-17671	2" (.500" THICK)



CLUTCH BRAKE WASHERS		
DIM "A"	NEWSTAR NUMBER	DESCRIPTION
2.570" - 2.660"	S-17672	2" (.125" THICK)
2.660" - 2.725"	S-17673	2" (.1875" THICK)



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CLUTCH BELL HOUSING COVER KITS AND HOSES

STOP THE INTRODUCTION OF DANGEROUS CONTAMINANTS INTO THE CLUTCH BELL HOUSING. **NEWSTAR** OFFERS A VARIETY OF BELL HOUSING COVER KITS AND HOSES TO MEET THE SPECIFIC NEEDS OF YOUR CUSTOMERS. **NEWSTAR** HAS CREATED A RUBBER PLUG THAT ALLOWS THE PASSAGE OF THE GREASE HOSE WHILE SEALING THE OVERSIZE HOLE IN THE BELL HOUSING COVER. THE SEALING DISCOURAGES THE ENTRY OF CONTAMINANTS.

THESE ASSEMBLIES REPLACE THE OE NUMBER 4305230 AND INCLUDE THE COVER, PLUG, MOUNTING SCREW, LOCK WASHERS AND VARYING HOSE LENGTHS FROM 6" TO 12".



NEWSTAR NUMBER	REPLACEMENT FOR PART NUMBER	
S-13196	4305230	NO HOSE INCLUDED
S-16426	4305230A6P	6" HOSE
S-16427	4305230A7P	7" HOSE
S-16429	4305230A9P	9" HOSE
S-16430	4305230A12P	12" HOSE



NEWSTAR NUMBER	REPLACEMENT FOR PART NUMBER	
S-16431	CLT006P	6" HOSE
S-16432	CLT007P	7" HOSE
S-16433	CLT008P	8" HOSE
S-16434	CLT009P	9" HOSE
S-16435	CLT0012P	12" HOSE

CLUTCH

CLUTCH PARTS - SLEEVE & BEARING ASSEMBLIES



FREIGHTLINER APPLICATION
SUITABLE FOR USE DANA® PART NUMBER: 107621-1
NEWSTAR NUMBER: S-9208
REPLACEMENT FOR FREIGHTLINER NUMBERS:
187140 / SP187140



INTERNATIONAL TRUCK APPLICATION
SUITABLE FOR USE DANA® PART NUMBER: 107621-7
NEWSTAR NUMBER: S-D802
REPLACEMENT FOR INTERNATIONAL TRUCK NUMBER:
572107C91



MACK MIDLINER APPLICATION
SUITABLE FOR USE DANA® PART NUMBER: 107350-4
NEWSTAR NUMBER: S-D801
REPLACEMENT FOR MACK NUMBERS:
187144 / 2104-187144

CLUTCH PARTS

HIGH TEMPERATURE PILOT BEARING

HIGH TEMPERATURE “FLOURINE” SEALS ARE AN IMPROVED VERSION OF VITON MATERIAL.

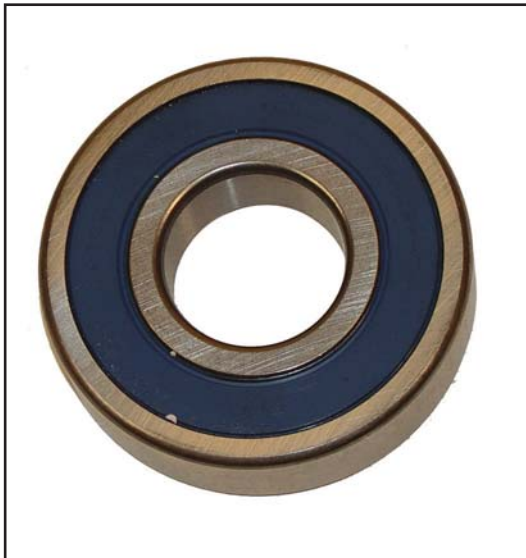
HIGH TEMPERATURE GREASE IS SPECIALLY FORMULATED TO INCREASE PRODUCT LIFE, EXCEEDING THE ENGINE MANUFACTURER’S REQUIREMENTS

C5 INTERNAL CLEARANCE ACCOMMODATES THE NEW GUIDELINES FROM ENGINE MANUFACTURERS AND INCREASES PRODUCT LIFE.

LARGE BALL DIAMETERS RESULTS IN LARGER DYNAMIC RADIAL LOAD RATING THAN SIMILAR PRODUCTS ON THE MARKET.

IDEAL FOR TODAY’S HIGH TORQUE ENGINES THAT OPERATE AT A LOWER RPM AND HAVE A HIGHER OPERATING TEMPERATURE.

CLUTCH



NEWSTAR NUMBER	REPLACEMENT FOR PART NUMBER	
S-18591	6205-2RS2	2.046" x .983"
S-11672	6305-2RS	2.4409" X .9843"
S-17762	6306-2RSNR	2.833" X 1.179" (MACK)
S-10463	6206-2RS	2.4409" X 1.1811"
S-16421	6306-2RS2/C5-HT	2.833" X 1.179"

REPLACEMENT FLYWHEEL

APPLICATION: INTERNATIONAL TRUCK AND MACK TRUCKS

NEWSTAR NUMBER	REPLACEMENT FOR PART NUMBER	ENGINE - MODEL
S-A856	1809144C91	7.3 LITER ENGINES
S-A608	1810855C93	DT 466 14" CLUTCH ONLY
S-10006	1818214C91	7.3 LITER ENGINES / 444E
S-10005	1821915C91	DT 466E
S-10010	530-GB-3142	675 / 676



CLUTCH PARTS

SUITABLE FOR 14" AND 15 1/2" 2 PLATE CLUTCH ASSEMBLIES

NEWSTAR NUMBER	REPLACEMENT FOR DANA® NUMBER	DESCRIPTION
S-7440	105C-137	FORK
S-9110	106C-939	RELEASE SHAFT 10"
S-5910	106C-1047	RELEASE SHAFT 9 1/2"
S-5911	106C-1094	RELEASE SHAFT 8 1/2"
S-4221	106C-1185	RELEASE SHAFT 5 3/4"
S-3347	106C-1498	RELEASE SHAFT 6 1/2"
S-7660	274C-6	DRIVE PIN
S-16199	125243	15 1/2" CLUTCHES
S-A357	127859	2"- 2 PLATE SLEEVE WITH BEARING
S-A358	127860	1 3/4"- 2 PLATE SLEEVE WITH BEARING
S-A405	127889	1 3/4"- 1 PLATE SLEEVE WITH BEARING
S-A359	127389	1 3/4"- 2 PLATE SLEEVE
S-A360	127393	2"- 2 PLATE SLEEVE
S-A361	127857	1 3/4"- 1 PLATE SLEEVE



REPLACEMENT CLUTCH HOUSING BRACKET PARTS

APPLICATION: MACK TRUCKS

NEWSTAR NUMBER	REPLACEMENT FOR MACK NUMBER	DESCRIPTION	REPLACEMENT FOR PAI NUMBER
S-D517	1-AX-127	BOLT,CLUTCH HOUSING	9597
S-8408	1-AX-503	BOLT	4601
S-7622	21-AX-440	NUT	4605
S-8410	15-QD-1132	WASHER	4595
S-8056	20-QL-1118-A	INSULATOR	4670
S-8750	36-RU-171	LUBE HOSE 15" LONG	4159
S-9711	36-RU-171-KIT	LUBE HOSE KIT	—
S-8473	204-SX-216	INSULATOR KIT	4603
S-D521	204-SX-389	INSULATOR KIT	5069

LATEST ADDITIONS TO OUR CATALOG

EXCEPT WHERE SPECIFIED, ALL PARTS SUPPLIED ARE S&S/NEWSTAR. USE OF OTHER MANUFACTURERS' NAMES, PART NUMBERS, OR TRADEMARKS ARE FOR INFORMATIONAL AND IDENTIFICATION PURPOSES ONLY.