

Illinois Auto Truck Co., Inc.'s website is dedicated to the education of heavy duty clutch users and installers. We improve our site and its content in order to provide our customers with real-time information and technical references. Because Illinois Auto Truck Co., Inc. is a customer driven company, our website is designed to provide the tools and resources needed to keep you informed of the latest in clutch technology and customer service advancements.

From historical reviews of purchases to on-line accessibility of product bulletins, and updated specifications of new product offerings, our website is designed with the end-users needs in mind. Technical bulletins are written and reviewed by our clutch experts with over 60 years of experience in manufacturing and the application of heavy duty clutches and their components. These website features as well as other elements are constantly updated with the latest information.

Please visit www.iatcoinc.com and remember our goal is to make our site the **"Best in the Clutch"**. We always welcome and encourage your feedback and suggestions.



Visit us at www.iatcoinc.com



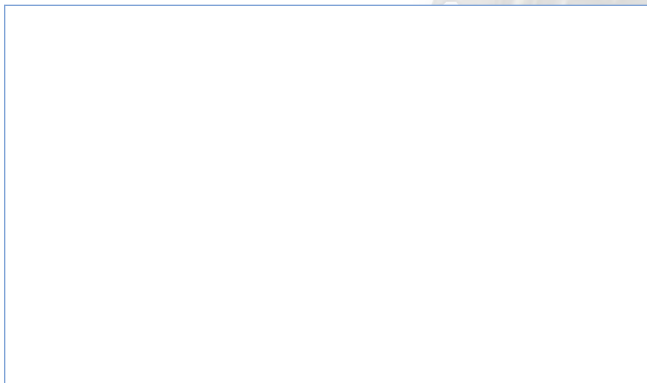
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New Clutch Assemblies

*Clutch Tools & Replacement
Clutch Components*

The most complete line of
new clutches for class
6-7 & 8 trucks available in
the aftermarket with 1 year
100,000 mileage warranty!

O.E.M. Quality

100% New Components



Strongest Packaging IN THE INDUSTRY!



With a reputation for quality since 1939, *Illinois Auto Truck Co., Inc.*'s commitment to excellence has enhanced our standing as the best in the industry.

As *Illinois Auto Truck Co., Inc.* has grown over the past years, so has the culture, environment and products that have made our growth possible.

The Illinois Auto Truck family is a unique blend of individuals working as team members to bring you the finest service and products at the most competitive prices in our industry. From being the first independent company in the United States to manufacture replacement truck clutch components, to becoming a company enjoying world-wide sales, we have come a long way, indeed.

At *Illinois Auto Truck Co., Inc.* our single, ongoing mission is to be the preferred provider of medium and heavy duty replacement clutch components and clutch assemblies. Throughout the world we are the **"Best in the Clutch"**.

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Illinois Auto Truck Co., Inc. recommends whenever possible to run the VIN (Vehicle Identification Number) of the truck to determine the manufacturer's clutch assembly part number of the original clutch assembly that the vehicle had when it left the factory. Using the manufacturer's clutch assembly part number to match up a replacement clutch will help ensure that a correct replacement clutch assembly is selected. If you do not see a manufacturer's part number listed in our catalog or the truck in question has an engine that was rated to put out more torque than stock, please call us to help ensure a correct replacement clutch assembly is selected.



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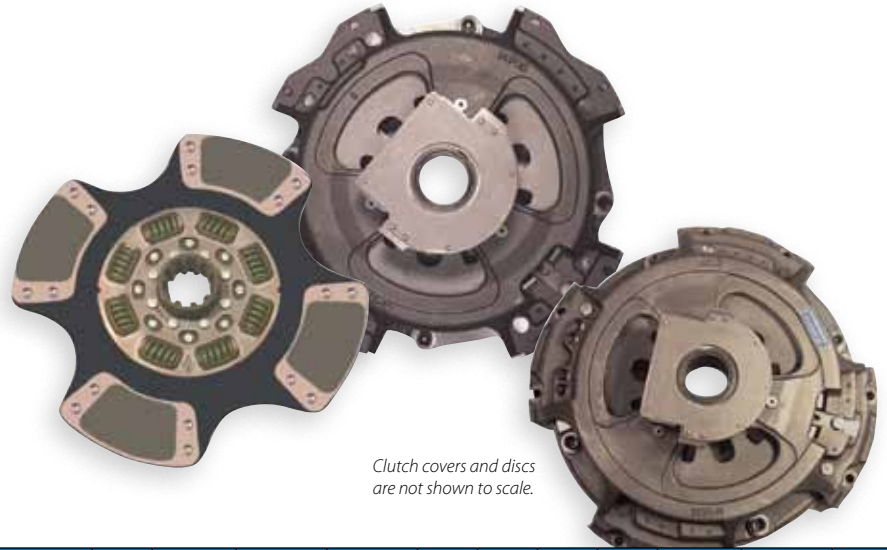
Clutch Assemblies

Heavy Duty – **SOFT PEDAL**®



SOFT PEDAL® clutches have state-of-the-art diaphragm spring technology resulting in smoother engagement. Clutches incorporate the still popular manual adjustment feature. Drive strap design provides a smoother transfer of energy and avoids the internal friction causing metal wear.

Improved heat dissipation is achieved through enlarged cover ventilation. The 30% pedal effort reduction resulting from the diaphragm design lowers driver fatigue.



Clutch covers and discs are not shown to scale.

Part Number	Replaces Manufacturer's Part Number	Cover Assembly Number	Adjustment Type	Bearing Type	Plate Load, lb	Torque Rating (ft/lb)	Carrier Style	Friction Material	Ceramic Configuration	No. of Springs	Conventional	Free Travel	Intermediate Plate	Rear Disc Front Disc	Min. Flywheel Opening
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14" x 1³/₄" **SOFT PEDAL**®

NMU054-020-1	108035-32	NCA-160054-1	Manual	Greaseable	3200	1000	Round	Organic		8	X		S-1412	M-0534 M-0535	7"
NMU054-084-1	108063-59	NCA-160054-1	Manual	Greaseable	3200	1150	4-Paddle	Ceramic	VSR	8	X		S-1413	M-1077 M-1078	7"

14" x 2" **SOFT PEDAL**®

NMU051-023-1	108034-61	NCA-160051-1	Manual	Greaseable	3200	1150	3-Paddle	Ceramic	VSR	8	X		S-1412	M-0974 M-0975	7"
NMU051-020-4	108034-82	NCA-160051-4	Manual	Greaseable	3600	1100	Round	Organic		8	X		S-1412	M-0554 M-0555	7"
NMU051-184-1	108050-59	NCA-160051-1	Manual	Greaseable	3200	1400	4-Paddle	Ceramic	VSR	8		X	S-1413	M-1625 M-1626	7"
NMU051-184-1-M (MACK)	108950-59	NCA-160051-1-M	Manual	Greaseable Dual Zerk	3200	1400	4-Paddle	Ceramic	VSR	8		X	S-1413	M-1625 M-1626	7"

15¹/₂" x 2" **SOFT PEDAL**®

NMU705-064-4	108391-74	NCA-152705-4	Manual	Greaseable	3600	1650	4-Paddle	Ceramic	VSR	10	X		S-1507	M-1128 M-1129	8.5"
NMU705-090-4	108391-77	NCA-152705-4	Manual	Greaseable	3600	1250	Round	Organic		8		X	S-1506	M-1629 M-1630	7"
NMU705-060-6	108391-78	NCA-152705-6	Manual	Greaseable	4000	1400	Round	Organic		10	X		S-1506	M-1120 M-1121	8.5"
NMU705-094-4	108391-81	NCA-152705-4	Manual	Greaseable	3600	1450	4-Paddle	Ceramic	VSR	8		X	S-1507	M-1637 M-1638	7"
NMU705-090-6	108391-82	NCA-152705-6	Manual	Greaseable	4000	1350	Round	Organic		8		X	S-1506	M-1629 M-1630	7"
NMU705-067-6	108391-93	NCA-152705-6	Manual	Greaseable	4000	1810	6-Paddle	Ceramic	VSR	10	X		S-1507	M-1590 M-1591	8.5"
NMU455-147-6	108925-20	NCA-151455-6	Manual	Greaseable	4000	2050	6-Paddle	Ceramic	VSR	6	X		S-1507	M-1614 M-1614	10"
NMU455-147-6	108925-25	NCA-151455-6	Manual	Greaseable	4000	2050	6-Paddle	Ceramic	VSR	6	X		S-1507	M-1614 M-1614	10"
NMU455-047-6	108925-70	NCA-151455-6	Manual	Greaseable	4000	1750	6-Paddle	Ceramic	VSR	7		X	S-1507	M-1583 M-1583	10"
NMU455-044-4	108925-82	NCA-151455-4	Manual	Greaseable	3600	1700	4-Paddle	Ceramic	VSR	7		X	S-1507	M-1489 M-1489	10"
NMU455-147-6-M (MACK)	108935-26	NCA-151455-6-M	Manual	Greaseable Dual Zerk	4000	2050	6-Paddle	Ceramic	VSR	6	X		S-1507	M-1614 M-1614	10"
NMU455-054-4-M (MACK)	108935-51	NCA-151455-4-M	Manual	Greaseable Dual Zerk	3600	1700	4-Paddle	Ceramic	VSR	9	X		S-1507	M-1197 M-1198	10"
NMU455-044-4-M (MACK)	108935-82	NCA-151455-4-M	Manual	Greaseable Dual Zerk	3600	1700	4-Paddle	Ceramic	VSR	7		X	S-1507	M-1489 M-1489	10"
NMU455-057-4-M (MACK)	108935-91	NCA-151455-4-M	Manual	Greaseable Dual Zerk	3600	1700	6-Paddle	Ceramic	VSR	9	X		S-1507	M-1586 M-1587	10"
NMU455-057-6-M (MACK)	108935-94	NCA-151455-6-M	Manual	Greaseable Dual Zerk	4000	1850	6-Paddle	Ceramic	VSR	9	X		S-1507	M-1586 M-1587	10"

SOFT PEDAL® is a Registered Trademark of Illinois Auto Truck Co., Inc.

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 “Spring-A-Just” system.



Part Number	Replaces Manufacturer's Part Number	Cover Assembly Number	Adjustment Type	Bearing Type	Plate Load, lb	Torque Rating (ft/lb)	Carrier Style	Friction Material	Ceramic Configuration	No. of Springs	Conventional	Free Travel	Intermediate Plate	Rear Disc Front Disc	Min. Flywheel Opening
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14" x 1 3/4" EASY EFFORT®

NMU800-020-4	108035-82	NCA-147800-4	Spring-A-Just	Greaseable	3600	1100	Round	Organic		8	X		S-1412	M-0534 M-0535	7"
NMU800-084-1	108063-59	NCA-147800-1	Spring-A-Just	Greaseable	3200	1150	4-Paddle	Ceramic	VSR	8	X		S-1413	M-1077 M-1078	7"

14" x 2" EASY EFFORT®

NMU890-090-1	108034-57	NCA-147890-1	Spring-A-Just	Greaseable	3200	1000	Round	Organic		8		X	S-1412	M-1724 M-1725	7"
NMU890-023-1	108034-61	NCA-147890-1	Spring-A-Just	Greaseable	3200	1150	3-Paddle	Ceramic	VSR	8	X		S-1412	M-0974 M-0975	7"
NMU890-020-4	108034-82	NCA-147890-4	Spring-A-Just	Greaseable	3600	1100	Round	Organic		8	X		S-1412	M-0554 M-0555	7"
NMU890-184-1	108050-59	NCA-147890-1	Spring-A-Just	Greaseable	3200	1400	4-Paddle	Ceramic	VSR	8		X	S-1413	M-1625 M-1626	7"
NMU890-023-1	108334-22	NCA-147890-1	Spring-A-Just	Greaseable	3200	1150	3-Paddle	Ceramic	VSR	8	X		S-1412	M-0974 M-0975	7"
NMU890-184-1-M (MACK)	108950-59	NCA-147890-1-M	Spring-A-Just	Greaseable Dual Zerk	3200	1400	4-Paddle	Ceramic	VSR	8		X	S-1413	M-1625 M-1626	7"

15 1/2" x 1 3/4" EASY EFFORT®

NMU477-090-4	108390-77	NCA-157477-4	Spring-A-Just	Greaseable	3600	1250	Round	Organic		8	X		S-1506	M-0574 M-0575	7"
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15 1/2" x 2" EASY EFFORT®

NMU898-064-4	108391-74	NCA-157898-4	Spring-A-Just	Greaseable	3600	1650	4-Paddle	Ceramic	VSR	10	X		S-1507	M-1128 M-1129	8.5"
NMU898-090-4	108391-77	NCA-157898-4	Spring-A-Just	Greaseable	3600	1250	Round	Organic		8		X	S-1506	M-1629 M-1630	7"
NMU898-060-6	108391-78	NCA-157898-6	Spring-A-Just	Greaseable	4000	1400	Round	Organic		10	X		S-1506	M-1120 M-1121	8.5"
NMU898-094-4	108391-81	NCA-157898-4	Spring-A-Just	Greaseable	3600	1450	4-Paddle	Ceramic	VSR	8		X	S-1507	M-1637 M-1638	7"
NMU898-090-6	108391-82	NCA-157898-6	Spring-A-Just	Greaseable	4000	1350	Round	Organic		8		X	S-1506	M-1629 M-1630	7"
NMU898-090-1	108391-83	NCA-157898-1	Spring-A-Just	Greaseable	3200	1070	Round	Organic		8		X	S-1506	M-1629 M-1630	7"
NMU898-067-6	108391-93	NCA-157898-6	Spring-A-Just	Greaseable	4000	1810	6-Paddle	Ceramic	VSR	10	X		S-1507	M-1590 M-1591	8.5"
NMU898-147-6	108925-20	NCA-157898-6	Spring-A-Just	Greaseable	4000	2050	6-Paddle	Ceramic	VSR	6	X		S-1507	M-1614 M-1614	10"
NMU898-147-6	108925-25	NCA-157898-6	Spring-A-Just	Greaseable	4000	2050	6-Paddle	Ceramic	VSR	6	X		S-1507	M-1614 M-1614	10"
NMU898-157-8*	108937-32	NCA-157898-8	Spring-A-Just	Greaseable	4200	2250	6-Paddle	Ceramic	VSR	6	X		S-1507	M-1614 M-1614	10"
NMU898-047-6	108925-70	NCA-157898-6	Spring-A-Just	Greaseable	4000	1750	6-Paddle	Ceramic	VSR	7		X	S-1507	M-1583 M-1583	10"
NMU898-044-4	108925-82	NCA-157898-4	Spring-A-Just	Greaseable	3600	1700	4-Paddle	Ceramic	VSR	7		X	S-1507	M-1489 M-1489	10"
NMU898-147-6-M (MACK)	108935-26	NCA-157898-6-M	Spring-A-Just	Greaseable Dual Zerk	4000	2050	6-Paddle	Ceramic	VSR	6	X		S-1507	M-1614 M-1614	10"
NMU898-054-4-M (MACK)	108935-51	NCA-157898-4-M	Spring-A-Just	Greaseable Dual Zerk	3600	1700	4-Paddle	Ceramic	VSR	9	X		S-1507	M-1197 M-1198	10"
NMU898-044-4-M (MACK)	108935-82	NCA-157898-4-M	Spring-A-Just	Greaseable Dual Zerk	3600	1700	4-Paddle	Ceramic	VSR	7		X	S-1507	M-1489 M-1489	10"
NMU898-057-4-M (MACK)	108935-91	NCA-157898-4-M	Spring-A-Just	Greaseable Dual Zerk	3600	1700	6-Paddle	Ceramic	VSR	9	X		S-1507	M-1586 M-1587	10"
NMU898-057-6-M (MACK)	108935-94	NCA-157898-6-M	Spring-A-Just	Greaseable Dual Zerk	4000	1850	6-Paddle	Ceramic	VSR	9	X		S-1507	M-1586 M-1587	10"

*NMU898-157-8 is used with a 14 spline input shaft.

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Clutch Assemblies

Heavy Duty & Medium Duty –
Pull-Type Angle Spring® Style

Ceramic friction material is used for the heaviest applications. All raw materials and components are of O.E.M. quality. Heavy duty damper springs assure longer damper life.

Part Number	Replaces Manufacturer's Part Number	Cover Assembly Number	Adjustment Type	Bearing Type	Plate Load, lb	Torque Rating (ft/lb)	Carrier Style	Friction Material	Ceramic Configuration	No. of Springs	Conventional	Free Travel	Intermediate Plate	Rear Disc Front Disc	Min. Flywheel Opening
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14" x 1 3/4" Cast Iron Single and Two Plate

NMU400-020-1	107035-32	NCA-127400-1	Manual	Greaseable	3200	1000	Round	Organic		8	X		S-1412	M-0534 M-0535	7"
NMU400-084-1	107035-59	NCA-127400-1	Manual	Greaseable	3200	1150	4-Paddle	Ceramic	VSR	8	X		S-1413	M-1077 M-1078	7"
NMU400-020-4	107035-82	NCA-127400-4	Manual	Greaseable	3600	1100	Round	Organic		8	X		S-1412	M-0534 M-0535	7"
NMU400-020-5	107335-61	NCA-127400-5	Manual	Greaseable	2000	800	Round	Organic		8	X		S-1412	M-0534 M-0535	7"
NMU915-010-1	107915-1	NCA-127915-1	Ease-A-Just	Greaseable	3200	850	Round	Organic		Rig				M-0216	7"
NMU915-020-1	107915-2	NCA-127915-1	Ease-A-Just	Greaseable	3200	850	Round	Organic		8	X			M-0534	7"

14" x 2" Cast Iron Two Plate

NMU390-020-1	107034-32	NCA-127390-1	Manual	Greaseable	3200	1000	Round	Organic		8	X		S-1412	M-0554 M-0555	7"
NMU390-024-1	107034-53	NCA-127390-1	Manual	Greaseable	3200	1150	4-Paddle	Ceramic	VSR	8	X		S-1412	M-0958 M-0959	7"
NMU390-023-2	107034-61	NCA-127390-2	Manual	Greaseable	2800	1150	3-Paddle	Ceramic	VSR	8	X		S-1412	M-0974 M-0975	7"
NMU390-020-4	107034-82	NCA-127390-4	Manual	Greaseable	3600	1100	Round	Organic		8	X		S-1412	M-0554 M-0555	7"
NMU390-184-1	107050-59	NCA-127390-1	Manual	Greaseable	3200	1400	4-Paddle	Ceramic	VSR	8		X	S-1413	M-1625 M-1626	7"
NMU720-184-1	107910-7	NCA-127720-1	Ease-A-Just	Greaseable	3200	1400	4-Paddle	Ceramic	VSR	8		X	S-1413	M-1625 M-1626	7"
NMU390-184-1-M (MACK)	107950-59	NCA-127390-1-M	Manual	Greaseable Dual Zerk	3200	1400	4-Paddle	Ceramic	VSR	8	X		S-1413	M-1625 M-1626	7"

15 1/2" x 1 3/4" Cast Iron Two Plate

NMU476-094-4	107090-55	NCA-127476-4	Manual	Greaseable	3600	1250	4-Paddle	Ceramic	VSR	8		X	S-1507	M-1694 M-1695	7"
NMU476-020-4	107090-83	NCA-127476-1	Manual	Greaseable	3200	1200	Round	Organic		8	X		S-1506	M-0574 M-0575	7"

15 1/2" x 2" Cast Iron Two Plate

NMU597-096-4	107091-55	NCA-127597-4	Manual	Greaseable	3600	1400	6-Paddle	Ceramic	VTL	8		X	S-1506	M-1821 M-1822	7"
NMU597-064-4	107091-74	NCA-150698-4	Manual	Greaseable	3600	1650	4-Paddle	Ceramic	VSR	10	X		S-1507	M-1128 M-1129	8.5"
NMU597-090-4	107091-77	NCA-127597-4	Manual	Greaseable	3600	1250	Round	Organic		8		X	S-1506	M-1629 M-1630	7"
NMU597-094-4	107091-80	NCA-150698-4	Manual	Greaseable	3600	1450	4-Paddle	Ceramic	VSR	8		X	S-1507	M-1637 M-1638	7"
NMU597-090-6	107091-82	NCA-127597-6	Manual	Greaseable	4000	1350	Round	Organic		8		X	S-1506	M-1629 M-1630	7"
NMU597-064-4	107391-74	NCA-150698-4	Manual	Greaseable	3600	1650	4-Paddle	Ceramic	VSR	10	X		S-1508-A	M-1128 M-1129	8.5"
NMU597-060-6	107391-78	NCA-127597-6	Manual	Greaseable	4000	1400	Round	Organic		10	X		S-1506	M-1120 M-1121	8.5"
NMU597-067-6	107391-93	NCA-150698-6	Manual	Greaseable	4000	1810	6-Paddle	Ceramic	VSR	10	X		S-1507	M-1590 M-1591	8.5"
NMU770-067-6	107391-93	NCA-127770-6	Ease-A-Just	Greaseable	4000	1810	6-Paddle	Ceramic	VSR	10	X		S-1507	M-1590 M-1591	8.5"
NMU078-094-4	107491-55	NCA-129078-4	Self-Adjust	Sealed	3600	1400	4-Paddle	Ceramic	VSR	8		X	S-1507	M-1637 M-1638	7"
NMU078-064-4	107491-74	NCA-129078-4	Self-Adjust	Sealed	3600	1650	4-Paddle	Ceramic	VSR	10	X		S-1507	M-1128 M-1129	8.5"
NMU770-094-4	107920-3	NCA-127770-4	Ease-A-Just	Greaseable	3600	1400	4-Paddle	Ceramic	VSR	8		X	S-1507	M-1637 M-1638	7"
NMU770-110-1	107920-4	NCA-127770-1	Ease-A-Just	Greaseable	3200	1100	Round	Organic		Rig			S-1508-A	M-0673 M-0674	7"
NMU770-064-4	107920-7	NCA-127770-4	Ease-A-Just	Greaseable	3600	1650	4-Paddle	Ceramic	VSR	10	X		S-1507	M-1128 M-1129	8.5"

ANGLE SPRING® is a Registered Trademark of Eaton Corporation.

Part Number	Replaces Manufacturer's Part Number	Cover Assembly Number	Adjustment Type	Bearing Type	Plate Load, lb	Torque Rating (ft/lb)	Carrier Style	Friction Material	Ceramic Configuration	No. of Springs	Conventional	Free Travel	Intermediate Plate	Rear Disc Front Disc	Min. Flywheel Opening
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15 1/2" x 2" Cast Iron Two Plate (continued)

NMU751-064-4	107921-1	NCA-127751-4	Ease-A-Just	Sealed	3600	1650	4-Paddle	Ceramic	VSR	10	X		S-1507	M-1128 M-1129	8.5"
NMU699-044-4	107922-1	NCA-150699-4	Ease-A-Just	Greaseable	3600	1700	4-Paddle	Ceramic	VSR	7		X	S-1507	M-1489 M-1489	10"
NMU698-147-6	107925-15	NCA-150698-6	Manual	Greaseable	4000	2050	6-Paddle	Ceramic	VSR	6	X		S-1507	M-1614 M-1614	10"
NMU699-147-6	107925-15	NCA-150699-6	Ease-A-Just	Greaseable	4000	2050	6-Paddle	Ceramic	VSR	6	X		S-1507	M-1614 M-1614	10"
NMU698-044-4	107925-82	NCA-150698-4	Manual	Greaseable	3600	1700	4-Paddle	Ceramic	VSR	7		X	S-1507	M-1489 M-1489	10"
NMU698-147-6-M (MACK)	107935-15	NCA-150698-6-M	Manual	Greaseable Dual Zerk	4000	2050	6-Paddle	Ceramic	VSR	6			S-1507	M-1614 M-1614	10"
NMU698-054-4-M (MACK)	107935-51	NCA-150698-4-M	Manual	Greaseable Dual Zerk	3600	1700	4-Paddle	Ceramic	VSR	9	X		S-1507	M-1197 M-1198	10"
NMU699-054-4-M (MACK)	107935-51	NCA-150699-4-M	Ease-A-Just	Greaseable Dual Zerk	3600	1700	4-Paddle	Ceramic	VSR	9	X		S-1507	M-1197 M-1198	10"
NMU698-044-4-M (MACK)	107935-82	NCA-150698-4-M	Manual	Greaseable Dual Zerk	3600	1700	4-Paddle	Ceramic	VSR	7		X	S-1507	M-1489 M-1489	10"
NMU699-044-4-M (MACK)	107935-82	NCA-150699-4-M	Ease-A-Just	Greaseable Dual Zerk	3600	1700	4-Paddle	Ceramic	VSR	7		X	S-1507	M-1489 M-1489	10"
NMU698-057-4-M (MACK)	107935-91	NCA-150698-4-M	Manual	Greaseable Dual Zerk	3600	1700	6-Paddle	Ceramic	VSR	9	X		S-1507	M-1586 M-1587	10"
NMU699-057-4-M (MACK)	107935-91	NCA-150699-4-M	Ease-A-Just	Greaseable Dual Zerk	3600	1700	6-Paddle	Ceramic	VSR	9	X		S-1507	M-1586 M-1587	10"
NMU698-057-6-M (MACK)	107935-94	NCA-150698-6-M	Manual	Greaseable Dual Zerk	4000	1850	6-Paddle	Ceramic	VSR	9	X		S-1507	M-1586 M-1587	10"
NMU699-057-6-M (MACK)	107935-94	NCA-150699-6-M	Ease-A-Just	Greaseable Dual Zerk	4000	1850	6-Paddle	Ceramic	VSR	9	X		S-1507	M-1586 M-1587	10"

14" x 1 1/2" Stamped Steel Single Plate

NMU710-020-3-J	107688-16	NCA-129710-3-J	Spring-A-Just	Greaseable	2500	450	Round	Organic		8	X			M-1216	7"
NMU710-024-3-J	107688-7	NCA-129710-3-J	Spring-A-Just	Greaseable	2500	520	4-Paddle	Ceramic	VSR	8	X			M-1220	7"

14" x 1 3/4" Stamped Steel Single Plate

NMU747-025-2	107213-5	NCA-127747-2	Manual	Greaseable	2800	650	4-Paddle	Ceramic	VTL	8	X			M-1481	7"
NMU747-022-1	107213-7	NCA-127747-1	Manual	Greaseable	3200	650	3-Paddle	Ceramic	VTL	8	X			M-1507	7"
NMU600-024-2	107401-1	NCA-129060-2	Spring-A-Just	Greaseable	2800	650	4-Paddle	Ceramic	VSR	8	X		Short Bearing Sleeve	M-0950	7"
NMU059-020-1	107683-16	NCA-127747-1	Manual	Greaseable	3200	445	Round	Organic		8	X			M-0534	7"
NMU059-024-6	107683-20	NCA-129059-6	Spring-A-Just	Greaseable	4000	650	4-Paddle	Ceramic	VSR	8	X			M-1672	7"
NMU059-022-1	107683-5	NCA-129059-1	Spring-A-Just	Greaseable	3200	650	3-Paddle	Ceramic	VTL	8	X			M-1507	7"
NMU059-093-1	107684-5	NCA-129059-1	Spring-A-Just	Greaseable	3200	650	3-Paddle	Ceramic	VSR	8		X		M-1730	7"

14" x 1 3/4" Stamped Steel Two Plate

NMU044-022-5-A	107137-8	NCA-129044-5	Manual	Greaseable	2000	900	3-Paddle	Ceramic	VTL	8	X		FW-140	M-1507 M-1508	7"
NMU044-020-2-A	107137-16	NCA-129044-2	Manual	Greaseable	2800	800	Round	Organic		8	X		FW-140	M-0534 M-0535	7"
NMU060-097-6-A	107237-6	NCA-129060-5	Spring-A-Just	Greaseable	2000	900	6-Round	Ceramic	VSR	8		X	FW-140	M-1787 M-1788	7"
NMU060-022-5-A	107237-10	NCA-129060-5	Spring-A-Just	Greaseable	2000	900	3-Paddle	Ceramic	VTL	8	X		FW-140	M-1507 M-1508	7"
NMU060-020-2-A	107237-16	NCA-129060-2	Spring-A-Just	Greaseable	2800	800	Round	Organic		8	X		FW-140	M-0534 M-0535	7"
NMU060-024-3-A	107237-24	NCA-129060-3	Spring-A-Just	Greaseable	2500	1050	4-Paddle	Ceramic	VSR	8	X		FW-140	M-0950 M-0951	7"

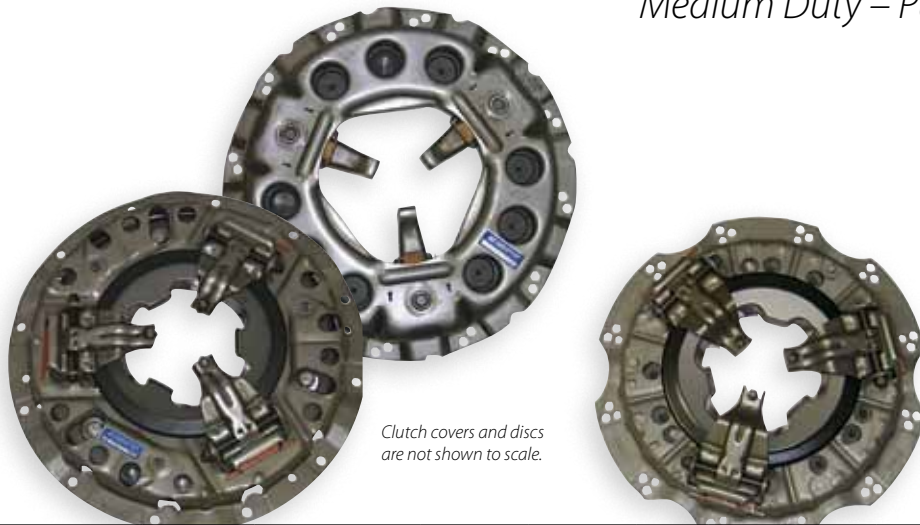
14" x 2" Stamped Steel Two Plate

NMU055-025-2-A	107142-2	NCA-129055-2	Manual	Greaseable	2800	900	4-Paddle	Ceramic	VTL	8	X		FW-140	M-1485 M-1486	7"
NMU055-020-2-A	107142-3	NCA-129055-2	Manual	Greaseable	2800	800	Round	Organic		8	X		FW-140	M-0554 M-0555	7"
NMU061-097-5-A	107342-6	NCA-129061-5	Spring-A-Just	Greaseable	2000	900	6-Round	Ceramic	VSR	8		X	FW-140	M-1791 M-1792	7"
NMU061-092-5-A	107342-11	NCA-129061-5	Spring-A-Just	Greaseable	2000	900	3-Paddle	Ceramic	VTL	8		X	FW-140	M-1678 M-1679	7"
NMU061-024-3-A	107342-20	NCA-129061-3	Spring-A-Just	Greaseable	2500	1050	4-Paddle	Ceramic	VSR	8	X		FW-140	M-0958 M-0959	7"
NMU061-023-3-A	107342-22	NCA-129061-3	Spring-A-Just	Greaseable	2500	950	3-Paddle	Ceramic	VSR	8	X		FW-140	M-0974 M-0975	7"
NMU061-024-2-A	107508-11	NCA-129061-2	Spring-A-Just	Greaseable	2800	1150	4-Paddle	Ceramic	VSR	8	X		FW-140	M-0958 M-0959	7"

ANGLE SPRING® is a Registered Trademark of Eaton Corporation.

Clutch Assemblies

Medium Duty – Push Type



Clutch covers and discs are not shown to scale.



Part Number	Replaces Manufacturer's Part Number	Cover Assembly Number	Adjustment Type	Bearing Type	Plate Load, lb	Torque Rating (ft/lb)	Carrier Style	Friction Material	Ceramic Configuration	No. of Springs	Conventional	Spline Size	Intermediate Plate	Rear Disc Front Disc	Min. Flywheel Opening
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310MM x 1 1/4" & 1 3/8" & 1 1/2" Single Plate

NMU104-194-3	107310-1	NCA-102104	External		2400	400	4-Paddle	Ceramic	VSR	8	X	1 1/2		M-1805	
NMU038-164-3	107605-1	NCA-102038	External		2400	400	4-Paddle	Ceramic	VSR	8	X	1 1/4		M-1801	
NMU038-194-3	107606-1	NCA-102038	External		2400	400	4-Paddle	Ceramic	VSR	8	X	1 1/2		M-1805	
NMU038-174-3	107943-3	NCA-102038	External		2400	400	4-Paddle	Ceramic	VSR	8	X	1 3/8		M-1803	

330MM x 1 1/4" & 1 3/8" & 1 1/2" Single and Two Plate

NMU1928-114	107605-1	NCA-330-1928	External		2700	400	4-Paddle	Ceramic	VTL	8	X	1 1/4		M-1013-CV	
NMU1928-137	107606-1	NCA-330-1928	External		2700	400	4-Paddle	Ceramic	VTL	8	X	1 1/2		M-0998-CV	
NMU1938-134	107611-1	NCA-330-1928	External		2700	400	Round	Organic		8	X	1 1/2		M-0622-CV	
NMU1938-124	107611-2	NCA-330-1938	External		2400	400	Round	Organic		8	X	1 3/8		M-0929-CV	
NMU1938-124	107943-3	NCA-330-1938	External		2400	400	4-Paddle	Ceramic	VTL	8	X	1 3/8		M-0938-CV	
NMU1927-134A	LP1927-134	NCA-330-1927	External		2000	525	Round	Organic		8	X	1 1/2	L-1304	M-0466-CV M-0467-CV	
NMU1928-134	LP1928-134	NCA-330-1928	External		2700	400	Round	Organic		8	X	1 1/2		M-0622-CV	
NMU1928-137	LP1928-137	NCA-330-1928	External		2700	520	4-Paddle	Ceramic	VTL	8	X	1 1/2		M-0998-CV	
NMU1931-134	LP1931-134	NCA-330-1931	External		2000	525	Round	Organic		8	X	1 1/2	L-1304	M-0625-CV M-0626-CV	
NMU1933-114	LP1933-114	NCA-330-1933	External		2700	400	Round	Organic		8	X	1 1/4		M-0618-CV	
NMU1933-134	LP1933-134	NCA-330-1933	External		2700	450	Round	Organic		8	X	1 1/2		M-0622-CV	
NMU1935-134	LP1935-134	NCA-330-1935	External		2700	450	Round	Organic		8	X	1 1/2		M-0622-CV	
NMU1935-136	LP1935-136	NCA-330-1935	External		2700	520	Round	Ceramic	EVT	10	X	1 1/2		M-0702-CV	
NMU1938-137	LP1938-137	NCA-330-1938	External		2400	520	4-Paddle	Ceramic	VTL	8	X	1 1/2		M-0998-CV	
NMU1940-132	LP1940-132	NCA-330-1940	External		2000	400	Round	Organic		Rig		1 1/2	L-1322	M-1200 M-1200	
NMU1940-134	LP1940-134	NCA-330-1940	External		2000	525	Round	Organic		8	X	1 1/2	L-1322	M-0625-CV M-0626-CV	
NMU1948-137	LP1948-137	NCA-330-1948	External		2400	400	4-Paddle	Ceramic	VTL	8	X	1 1/2		M-0998-CV	
NMU1989-134	LP1989-134	NCA-330-1989	External		2000	525	Round	Organic		8	X	1 1/2	L-1304	M-0625-CV M-0626-CV	
NMU1989-138	LP1989-138	NCA-330-1989	External		2000	650	Round	Ceramic	EVT	8	X	1 1/2	L-1304	M-0710-CV M-0711-CV	
NMU2076-137	LP2076-137	NCA-330-2076	External		2400	500	4-Paddle	Ceramic	VTL	8	X	1 1/2		M-0998-CV	
NMU2076-139	LP2076-139	NCA-330-2076	External		2400	500	3-Paddle	Ceramic	VTL	8	X	1 1/2		M-1354	7"

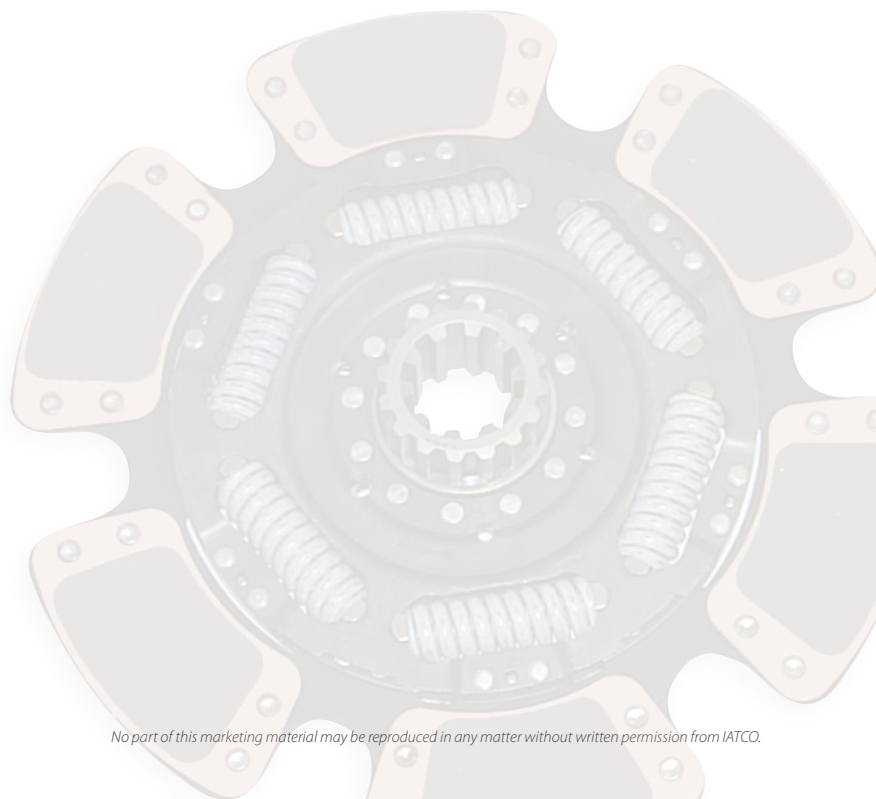
Part Number	Replaces Manufacturer's Part Number	Cover Assembly Number	Adjustment Type	Bearing Type	Plate Load, lb	Torque Rating (ft/lb)	Carrier Style	Friction Material	Ceramic Configuration	No. of Springs	Conventional	Spine Size	Intermediate Plate	Rear Disc Front Disc	Min. Flywheel Opening
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14" x 1 1/2" & 1 3/4" Single and Two Plate

NMU1047-134	LP1047-134	NCA-14-1047	External		3200	500	Round	Organic		10	X	1 1/2		M-0638-CV	
NMU1067-144	LP1067-144	NCA-14-1067	External		2800	550	Round	Organic		10	X	1 3/4	L-1480	M-0647-CV M-0648-CV	
NMU1072-134	LP1072-134	NCA-14-1072	External		2000	550	Round	Organic		10	X	1 1/2	L-1487	M-0641-CV M-0642-CV	
NMU1072-138	LP1072-138	NCA-14-1072	External		2000	700	4-Paddle	Ceramic	VTL	10	X	1 1/2	L-1487	M-0893-CV M-0894-CV	
NMU1107-143	LP1107-143	NCA-14-1107	External		3200	550	6-Paddle	Ceramic	VTL	8	X	1 3/4		M-0542	7"
NMU1107-145	LP1107-145	NCA-14-1107	External		3200	500	Round	Organic		8	X	1 3/4		M-0534	7"
NMU1113-144	LP1113-144	NCA-14-1113	External		2400	750	Round	Organic		10	X	1 3/4	L-1480	M-0647-CV M-0648-CV	
NMU1113-148	LP1113-148	NCA-14-1113	External		2400	1000	Round	Ceramic	VTL	10	X	1 3/4	L-1480	M-0715-CV M-0716-CV	
NMU1686-134	LP1686-134	NCA-14-1686	External		2300	420	Round	Organic		10	X	1 1/2		M-0638-CV	
NMU1686-138	LP1686-138	NCA-14-1686	External		2300	500	4-Paddle	Ceramic	VTL	10	X	1 1/2		M-0884-CV	

350MM x 1 1/2" & 1 3/4" Single Plate

NMU110-024-3	107350-1	NCA-102101	External		2400	500	4-Paddle	Ceramic	VSR	8	X	1 3/4		M-1333	7"
NMU101-024-3	107350-2	NCA-102101	External		2400	500	4-Paddle	Ceramic	VSR	8	X	1 1/2		M-1331	7"
NMU101-023-3	107350-3	NCA-102101	External		2400	500	3-Paddle	Ceramic	VSR	8	X	1 1/2		M-1578	7"
NMU101-024-3-G	107350-4	NCA-102101	External	M-1615	2400	500	4-Paddle	Ceramic	VSR	8	X	1 1/2		M-1331	7"
NMU048-024-3	107621-1	NCA-102048	External	M-1419	2400	500	4-Paddle	Ceramic	VSR	8	X	1 1/2		M-1331	7"
NMU048-020-3	107621-1	NCA-102048	External		2400	420	Round	Organic		8	X	1 1/2		M-1772	7"
NMU480-024-3	107621-2	NCA-102048	External		2400	500	4-Paddle	Ceramic	VSR	8	X	1 3/4		M-1333	7"
NMU048-024-3-G	107621-7	NCA-102048	External	M-1710	2400	500	4-Paddle	Ceramic	VSR	8	X	1 1/2		M-1331	7"



Clutch Applications

Medium Duty



Engine	Years	Number of Cylinders	Part Number	Replaces Manufacturer's Part Number	Cover Assembly Number	Rel Brg#	Friction Material	Disc (mm)	Disc	Spline Size	Notes
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Chevrolet and GMC (5500, 6500, & 7500)

Gas C & T Series Topkick & Kodiak C-50 & C-60 GM 366	1965-2001	8	NMU1928-134	LP1928-134	NCA-330-1928		Organic	330	M-0622-CV	1½	Lever Type
			NMU1928-137	107606-1	NCA-330-1928		Ceramic	330	M-0998-CV	1½	Lever Type
			NMU038-194-3	107606-1	NCA-102038		Ceramic	310	M-1805	1½	Diaphragm Type
Gas C & T Series Topkick & Kodiak C-50 & C-60 GM 427 GMC Gas & Diesels Brigadier General	1986-2001	6 & 8	NMU2076-139	LP2076-139	NCA-330-2076		Ceramic	330	M-1354	1½	Lever Type
	1986-1993		NMU048-024-3	107621-1	NCA-102048		Ceramic	350	M-1331	1½	Diaphragm Type
	1979-1985		NMU1686-138	LP1686-138	NCA-14-1686		Ceramic	14"	M-0884-CV	1½	Lever Type
	1962-1974		NMU1107-145	LP1107-145	NCA-14-1107		Organic	14"	M-0534	1¾	Lever Type
Diesel C & T Series Topkick & Kodiak Cat 3116, Cat 3126B Cat C-7	1986-2008	6	NMU2076-139	LP2076-139	NCA-330-2076		Ceramic	330	M-1354	1½	Lever Type
	1990-2008		NMU059-022-1	107683-5	NCA-129059-1		Ceramic	14"	M-1507	1¾	Pull Type
			NMU060-022-5-A	107237-10	NCA-129060-5 FW-140 Int. Pl.		Ceramic	14"	M-1508 (Frt) M-1507 (Rr)	1¾	Pull Type
Gas GM 454 7400MD	1999-2000	8	NMU2076-137	LP2076-137	NCA-330-2076		Ceramic	330	M-0998-CV	1½	Small Flywheel ID
Gas C & T Series Topkick & Kodiak GM Vortec 8100MD	1997-2001	8	NMU2076-139	LP2076-139	NCA-330-2076		Ceramic	330	M-1354	1½	Lever Type
Diesel Duramax C & T Series Topkick & Kodiak 6600	1997-2001	6	NMU2076-139	LP2076-139	NCA-330-2076		Ceramic	330	M-1354	1½	Lever Type
Diesel Duramax C & T Series Topkick & Kodiak (Isuzu) 7800	1990-2008	6	NMU101-023-3	107350-3	NCA-102101		Ceramic	350	M-1578	1½	Diaphragm Type
			NMU600-024-2	107401-1	NCA-129060-2		Ceramic	14"	M-0950	1¾	Pull Type Short Sleeve
DDC 6-71 DDC6V-53 Brigadier General	1966-1981	6	NMU1113-144	LP1113-604	NCA-14-1113 L-1480 Int. Pl.		Organic	14"	M-0648-CV (Frt) M-0647-CV (Rr)	1¾	Two Plate Assembly
Diesel W Series Isuzu	1988-2008	6	NMU1928-137	107606-1	NCA-330-1928		Ceramic	330	M-0998-CV	1½	Lever Type
			NMU038-194-3	107606-1	NCA-102038		Ceramic	310	M-1805	1½	Diaphragm Type
			NMU101-023-3	107350-3	NCA-102101		Ceramic	350	M-1578	1½	Diaphragm Type
			NMU101-024-3	107350-2	NCA-102101		Ceramic	350	M-1331	1½	Diaphragm Type
			NMU600-024-2	107401-1	NCA-129060-2		Ceramic	14"	M-0950	1¾	Pull Type Short Sleeve

Dodge Truck

Gas CHR 318, CHR 361 Diesel Perk 354	1967-1982	6 & 8	NMU1938-124	LP1938-124	NCA-330-1928		Organic	330	M-0929-CV	1⅜	Lever Type
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Clutch Applications

Medium Duty



Engine	Years	Number of Cylinders	Part Number	Replaces Manufacturer's Part Number	Cover Assembly Number	Rel Brg#	Friction Material	Disc (mm)	Disc	Spline Size	Notes
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Ford Truck (F-450, 550, 650, & 750)

Gas F Series FD 330, 361 370, 391, 429, 477	1965-1995	6 & 8	NMU1938-124	LP1938-124	NCA-330-1938		Organic	330	M-0929-CV	1 ³ / ₈	Lever Type
			NMU1938-127	107943-3	NCA-330-1938		Ceramic	330	M-0938-CV	1 ³ / ₈	Lever Type
			NMU038-174-3	107943-3	NCA-102038		Ceramic	310	M-1803	1 ³ / ₈	Diaphragm Type
			NMU1938-137	LP1938-137	NCA-330-1938		Ceramic	330	M-0998-CV	1 ¹ / ₂	Lever Type
			NMU038-194-3	107943-1	NCA-102038		Ceramic	310	M-1805	1 ¹ / ₂	Diaphragm Type
Gas (Super Duty) 370, 429	1979-1983	6 & 8	NMU1940-134	LP1940-134	NCA-330-1940 L-1322 Int. Pl.		Organic	330	M-0626-CV (Frt) M-0625-CV (Rr)	1 ¹ / ₂	Lever Type
Gas (Super Duty) 401, 475, 477, 534	1964-1978	6 & 8	NMU1940-132	LP1940-132	NCA-330-1940 L-1322 Int. Pl.		Organic	330	M-1200 (2 Req'd)	1 ¹ / ₂	Lever Type
Diesel Cat 3208 (Early Push Type) Cat 1160 (V-225) Cat 1150 (V-200) Cat 1145 (V-175) Cat 1140 (V-150) Cum 555 (V-555)	1969-1986	8	NMU1938-134	LP1938-134	NCA-330-1938		Organic	330	M-0622-CV	1 ¹ / ₂	Lever Type
			NMU1927-134A	LP1927-134	NCA-330-1927 L-1304		Organic	330	M-0467-CV (Frt) M-0466-CV (Rr)	1 ¹ / ₂	Lever Type
			NMU1686-134	LP1686-134	NCA-14-1686		Organic	14"	M-0638-CV	1 ¹ / ₂	Lever Type
			NMU1072-134	LP1072-134	NCA-14-1072 L-1487 Int. Pl.		Organic	14"	M-0642-CV (Frt) M-0641-CV (Rr)	1 ¹ / ₂	Lever Type
Gas Triton 6.8L	1999-2008	10	TBD	TBD	TBD			12"	TBD	1 ¹ / ₄	TBD
Diesel Power Stroke 7.3L	1999-2008	8	TBD	TBD	TBD			13"	TBD	1 ³ / ₈	TBD
Diesel Cat 3208 (Late Pull Type) Cat 3126, Cat C-7 Ford FD1060, FD1460 Cummins B5.9, C 8.3 ISB ISC	1987-2008	6 & 8	NMU059-022-1	107683-5	NCA-129059-1		Ceramic	14"	M-1507	1 ³ / ₄	Pull Type
			NMU060-022-5-A	107237-10	NCA-129060-5 FW-140 Int. Pl.		Ceramic	14"	M-1508 (Frt) M-1507 (Rr)	1 ³ / ₄	Pull Type
Diesel Cargo Series 6.6L	1985-1993	6 & 8	NMU710-023-3-J	107688-7	NCA-129710-3-J		Ceramic	14"	M-1220	1 ¹ / ₂	Pull Type
			NMU059-022-1	107683-5	NCA-129059-1		Ceramic	14"	M-1507	1 ³ / ₄	Pull Type
Diesel Cargo Series 7.8L	1985-1993	6 & 8	NMU060-022-5-A	107237-10	NCA-129060-5 FW-140 Int. Pl.		Ceramic	14"	M-1508 (Frt) M-1507 (Rr)	1 ³ / ₄	Pull Type

Freightliner (MD & FL)

Diesel Business Class M Series FL Series Cummins B5.9, C8.3 ISB, ISC MBE900	1988-2008	6	NMU048-024-3-G (Includes Release Bearing)	107621-7	NCA-102048	M-1710	Ceramic	350	M-1331	1 ¹ / ₂	Diaphragm Type
			NMU059-022-1	107683-5	NCA-129059-1		Ceramic	14"	M-1507	1 ³ / ₄	Pull Type
			NMU060-022-5-A	107237-10	NCA-129060-5 FW-140 Int. Pl.		Ceramic	14"	M-1508 (Frt) M-1507 (Rr)	1 ³ / ₄	Pull Type
			NMU061-092-5-A	107342-11	NCA-129061-5 FW-140 Int. Pl.		Ceramic	14"	M-1679 (Frt) M-1678 (Rr)	2	Pull Type
MB OM366LA Cummins B5.9	1988-2002	6	NMU048-024-3-G (Includes Release Bearing)	107621-7	NCA-102048	M-1710	Ceramic	350	M-1331	1 ¹ / ₂	Diaphragm Type

Hino (145, 165, 185, 238, 258, 268, & 338)

FA, FB H06C-T	1989-2008	4	NMU104-194-3	107310-1	NCA-102104		Ceramic	310	M-1805	1 ¹ / ₂	Diaphragm Type
FA, FB J05C, D-T, FD, FE, FF FS, SG, J08C, D, E-T	1989-2008	4	NMU110-024-3	107350-1	NCA-102101		Ceramic	350	M-1333	1 ³ / ₄	Diaphragm Type
J08E-T	2005-2008	6	NMU059-022-1	107683-5	NCA-129059-1		Ceramic	14"	M-1333	1 ³ / ₄	Pull Type

Clutch Applications

Medium Duty



Engine	Years	Number of Cylinders	Part Number	Replaces Manufacturer's Part Number	Cover Assembly Number	Rel Brg#	Friction Material	Disc (mm)	Disc	Spline Size	Notes
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Isuzu (N, F, & H Series)

Diesel 6BG1-NA, 6BG1-TC 6HK1, 6HE1-TCN 6HK1-TCN, 6HE1-T	1988-2008	6	NMU1928-137	107606-1	NCA-330-1928		Ceramic	330	M-0998-CV	1½	Lever Type
NPR	1988-2008	4	NMU038-194-3	107606-1	NCA-102038		Ceramic	310	M-1805	1½	Diaphragm Type
Diesel FSR, FTR, FVR, FPR	1988-2008	6	NMU110-024-3	107350-1	NCA-102101		Ceramic	350	M-1333	1¾	Diaphragm Type
			NMU101-023-3	107350-3	NCA-102101		Ceramic	350	M-1578	1½	Diaphragm Type
Diesel FVR, EVR	1988-2008	6	NMU101-024-3	107350-2	NCA-102101		Ceramic	350	M-1331	1½	Diaphragm Type
			NMU600-024-2	107401-1	NCA-129060-2		Ceramic	14"	M-0950	1¾	Pull Type Short Sleeve
Diesel 7.8L 6HK1	2005-2008	6	NMU059-022-1	107683-5	NCA-129059-1		Ceramic	14"	M-1507	1¾	Pull Type
			NMU060-022-5-A	107237-10	NCA-129060-5 FW-140 Int. Pl.		Ceramic	14"	M-1508 (Frt) M-1507 (Rr)	1¾	Pull Type

International Truck (Dura Star 4100, 4300, & 4400)

Diesel Navistar 3.9, 6.9, 7.3	1987-1996	6 & 8	NMU1928-137	107606-1	NCA-330-1928		Ceramic	330	M-0998-CV	1½	Lever Type
			NMU038-194-3	107606-1	NCA-102038		Ceramic	310	M-1805	1½	Diaphragm Type
			NMU1928-117	107605-1	NCA-330-1928		Ceramic	330	M-1013-CV	1¼	Lever Type
			NMU038-164-3	107605-1	NCA-102038		Ceramic	310	M-1801	1¼	Diaphragm Type
			NMU1047-134	LP1047-134	NCA-14-1047		Organic	350	M-0638-CV	1½	Lever Type
Gas & Diesel Navistar D354, V304, V345 V549, V5401, VS478 V5549, 392, BC150 BD100, DV550 RD372, 406, 450 461, 501 RD501, RD450	1965-1996	6 & 8	NMU1933-114	LP1933-114	NCA-330-1933		Organic	330	M-0618-CV	1¼	Lever Type
			NMU1933-134	LP1933-134	NCA-330-1933	M-1419	Organic	330	M-0622-CV	1½	Lever Type
			NMU048-024-3	107621-1	NCA-102048	M-1419	Ceramic	350	M-1331	1½	Diaphragm Type
			NMU1047-134	LP1047-134	NCA-14-1047	M-1419	Organic	350	M-0638-CV	1½	Lever Type
Diesel Navistar DT360, DT466, DT530, DT530 Maxx Force 7.9	1985-2008	6 & 8	NMU059-022-1	107683-5	NCA-129059-1		Ceramic	14"	M-1507	1¾	Pull Type
			NMU-060-022-5-A	107237-10	NCA-129060-5 FW-140 Int. Pl.		Ceramic	14"	M-1508 (Frt) M-1507 (Rr)	1¾	Pull Type

Kenworth (K-260, K-270, T-170, T-270, T-300, & T-370)

ISB ISC PX-6 PX-8	1989-2008	6	NMU059-022-1	107683-5	NCA-129059-1		Ceramic	14"	M-1507	1¾	Pull Type
			NMU060-022-5-A	107237-10	NCA-129060-5 FW-140 Int. Pl.		Ceramic	14"	M-1508 (Frt) M-1507 (Rr)	1¾	Pull Type
			NMU061-092-5-A	107342-11	NCA-129061-5 FW-140 Int. Pl.		Ceramic	14"	M-1679 (Frt) M-1678 (Rr)	2	Pull Type

Mack-Midliner (Renault) (RVI) (MS200 & MS250)

Diesel MS200 MS250 5.5L, 6.2L, 8.8L	1983-1999	6	NMU1935-136	LP1935-136	NCA-330-1935	065012 (Spicer Trans.) 318626 (Eaton Trans.)	Ceramic	330	M-0702-CV	1½	Spicer & Eaton Trans.
			NMU101-024-3-G (Includes Release Bearing)	107350-4	NCA-102101	M-1615	Ceramic	350	M-1331	1½	Spicer Trans. Only

Peterbilt (200, 220, 330, & 335)

ISB ISC PX-6, PX-8	1989-2008	6	NMU059-022-1	107683-5	NCA-129059-1		Ceramic	14"	M-1507	1¾	Pull Type
			NMU060-022-5-A	107237-10	NCA-129060-5 FW-140 Int. Pl.		Ceramic	14"	M-1508 (Frt) M-1507 (Rr)	1¾	Pull Type
			NMU061-092-5-A	107342-11	NCA-129061-5 FW-140 Int. Pl.		Ceramic	14"	M-1679 (Frt) M-1678 (Rr)	2	Pull Type

Sterling (Acterra)

Diesel Cum ISB ISC MBE 900 Cat C-7	1998-2008	6	NMU059-022-1	107683-5	NCA-129059-1		Ceramic	14"	M-1507	1¾	Pull Type
			NMU060-022-5-A	107237-10	NCA-129060-5		Ceramic	14"	M-1508 (Frt) M-1507 (Rr)	1¾	Pull Type

Clutch Kits

Essential Tools for Proper Clutch Installation

Clutch Installation Kits

IATCO Part Number	Replaces Manufacturer's Part Number	Description	M-1771 (K-2468)	M-1910 (K-3600)	M-1915 (K-3601)	M-1916 (K-3599)
6212-ZNBR	81504	Input Shaft Bearing (4.325 x 2.355)	X			X
6306-2RS2/C5-HT	5566505	Pilot Bearing (2.833 x 1.179), HT	X	X		
6306-2RS2/C5-S-HT	5566511	Pilot Bearing (2.833 x 1.179), HT (including snap ring)			X	X
6306-2RS2/C5-	NA	Pilot Bearing (2.833 x 1.179), HT			X	X
M1356-7	NA	Retaining Bearing Ring (2.660" ID)			X	X
M-1263	105C-137	Clutch Release Fork (14" & 15 1/2")	X	X	X	X
M-1610	127760	Clutch Brake (2")	X	X	X	X
M-1762	S-1659	Input Shaft Assembly (2")	X			X
M-1763	20550	Front Bearing Cover	X	X	X	X
M-1765	14750	Retaining Ring (Inner)	X			X
M-1766	16980	Retaining Ring (Outer)	X	X	X	X
M-1768	K-3453	Gasket Kit (including)	X	X	X	X
M-1759	20822	Clutch Housing Gasket	X	X	X	X
M-1764	4303431	Shift Lever Housing Gasket	X	X	X	X
M-1767	14311	Front Bearing Cover Gasket	X	X	X	X
M-1770	NA	Cross Shaft Bushing Kit (including)	X			
M-1616	12815	Cross Shaft Bushing (4 pcs.)	X			
M-1769	8677	Cross Shaft Bushing (3 pcs.)	X			
M-1616-4	NA	4 Cross Shaft Bushings		X	X	X
M-1907	4301417	Input Shaft Bearing (4.325 x 2.355)		X	X	
M-1908	4303362	Retaining Ring (Inner)		X	X	
M-1909	S-2822	Input Shaft Assembly (2")		X	X	

Clutch Installation Kits



Everything You Need for a Complete Clutch Installation DONE RIGHT!

Prevent the need to pull your transmission again after you have completed your clutch installation. Replace all clutch related wear components to ensure smooth engagement and reduce the chance of misalignment. The *Illinois Auto Truck Co., Inc.* Clutch Installation Kits cover 2" input shaft, pull-type applications, for popular *EATON® FULLER®* RT and FR transmission models. M-1915 and M-1916 kits contain *MACK®* application pilot bearings. ALL kits include the clutch release fork (M-1263. ALL pilot bearings are the newest type with high temperature grease and seals.

Bell Housing Kits



STOP the Introduction of Dangerous Contamination into the Clutch Bell Housing!

Now, *Illinois Auto Truck Co., Inc.* hand hole covers come equipped with a rubber grommet plug. The

plug allows the passage of grease through a hose while sealing the oversize hole to outside contaminants.

Simply insert the grease hose through the hole in the plug, attach the hose fitting to the clutch bearing housing assembly, and attach the hand hole cover to the clutch bell housing.

These assemblies replace O.E.M. number 4305230, and include the cover, plug, mounting screws, lock washers and popular hose lengths from 6"-12".



Bell Housing Cover Kits

IATCO Part Number	Description
M-1875	No Hose included
M-1888	6" hose
M-1889	7" hose
M-1880	8" hose
M-1890	9" hose
M-1891	12" hose

Bell Housing Cover Hoses

IATCO Part Number	Description
M-1884	6" hose
M-1885	7" hose
M-1608	8" hose
M-1886	9" hose
M-1887	12" hose
M-1872	Rubber plug



Clutch Tools & Parts

Essential Tools for Proper Clutch Installation

Clutch Jack

The Illinois Auto Truck Co., Inc. Clutch Jack allows the clutch removal and installation to be a one mechanic operation. There is no assembly required and there is a 500 lb. capacity. The Clutch Jack includes a 1¾" and 2" Spline to assist for heavy and medium duty clutch jobs. Also available for this unit is a Flywheel Adapter.



The IATCO Clutch Jack has a 1-year, limited warranty.

Clutch Jack

IATCO Part Number	Description
CJ-40500	14" & 15½" Clutch Jack

Adjustment Tools

Ensure correct adjustment for proper clutch operation.

IATCO Part Number	Description
T-103	Clutch Adjusting Tool
M-1748	1/8" Gauge
M-1749	1/2" Gauge
M-1750	Tool kit of both Gauges



Clutch Alignment Tools

Allows disc splines to be easily aligned to the main shaft.

IATCO Part Number	Number of Splines	Description
M-1751	10	1¼" spline x 1" pilot
M-1752	10	1⅜" spline x 1" pilot
M-1753	10	1½" spline x 1" pilot
M-1754	10	1½" spline x ¾" pilot
M-1755	10	1½" spline x 1.18" pilot
M-1756	10	1¾" spline x 1" pilot
M-1757	10	1¾" spline x 1.18" pilot
M-1758	10	2" spline x 1.18" pilot
M-1977	14	2" spline x 1.18" pilot
M-0285		Drive Lug Alignment Tool

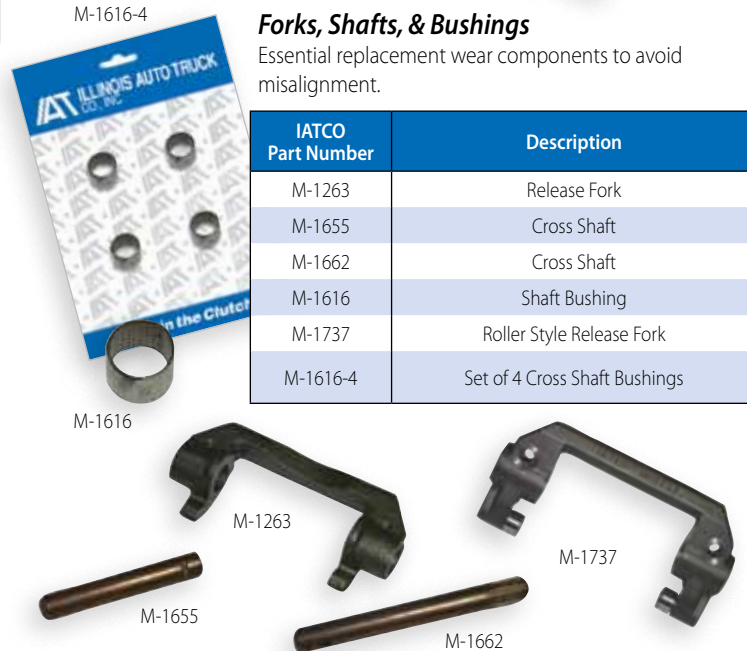


M-0285

Forks, Shafts, & Bushings

Essential replacement wear components to avoid misalignment.

IATCO Part Number	Description
M-1263	Release Fork
M-1655	Cross Shaft
M-1662	Cross Shaft
M-1616	Shaft Bushing
M-1737	Roller Style Release Fork
M-1616-4	Set of 4 Cross Shaft Bushings



M-1616

M-1263

M-1737

M-1655

M-1662

Sleeve & Bearing Assemblies

Special bearing assemblies for special applications.

IATCO Part Number	Description
M-1615	1½" Mack-Midliner
M-1710	1½" Freightliner
M-1419	1½" Navistar



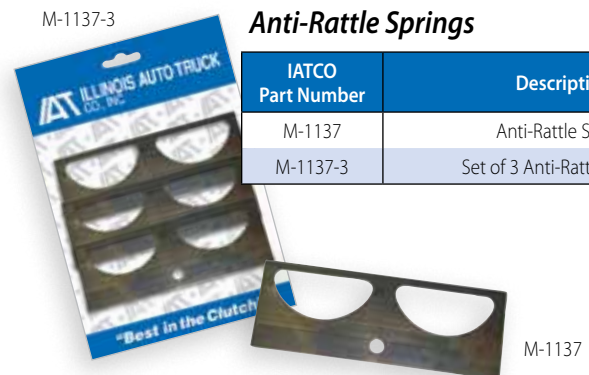
M-1710

M-1419

M-1615

Anti-Rattle Springs

IATCO Part Number	Description
M-1137	Anti-Rattle Spring
M-1137-3	Set of 3 Anti-Rattle Springs



M-1137-3

M-1137

Clutch Parts

Quality Replacement Clutch Components

Pilot Bearings

Important wear components to replace in a new installation.

IATCO Part Number	Description
6203-ZZ	1.574" x .668"
6204-ZZ	1.850" x .786"
6205-2RS2/C4-HT	2.046" x .983" (high temperature)
6205-ZZ	2.046" x .983"
6206-ZZ	2.440" x 1.180"
6304-ZZ	2.046" x .786"
6305-ZZ	2.440" x .985"
6306-ZZ	2.833" x 1.179"
6306-ZZ-S	2.833" x 1.179" (with snap ring)
6306-ZZ-SRG	2.833" x 1.179" (with groove only)
6306-2RS2/C5-HT	2.833" x 1.179" (high temperature)
6306-2RS2/C5-S-HT	2.833" x 1.179" (high temperature with snap ring) (Mack)



High Temperature Pilot Bearing

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 diameter results in larger dynamic radial load rating than similar products on the market. Required for today's high torque engines that operate at a low RPMs and higher operating temperatures.

High Temperature "Flourine" seals are an improved version of Viton® material.

Viton® is a Registered Trademark of DuPont Performance Elastomers.

Drive Lugs and Nuts

IATCO Part Number	Description
M-0226-R	Drive Lug
M-0360	Drive Lug (Mack)
M-1030	Drive Lug Nut (Mack)
M-0226-R-6	Set of 6 Drive Lugs
M-1829	Set of 6 Drive Lugs & 12 Allen Head Screws
M-0360-6	Set of 6 Drive Lugs (Mack)
M-1030-6	Set of 6 Drive Lug Nuts (Mack)
M-1828	Set of 6 Drive Lugs & 6 Drive Lug Nuts (Mack)
FW-145	Set of 8 Mounting Bolts & 8 Washers (SAS1401)
FW-146	Set of 8 Mounting Bolts & 8 Washers (SAS1402)



M-1828

M-1829

FW-146

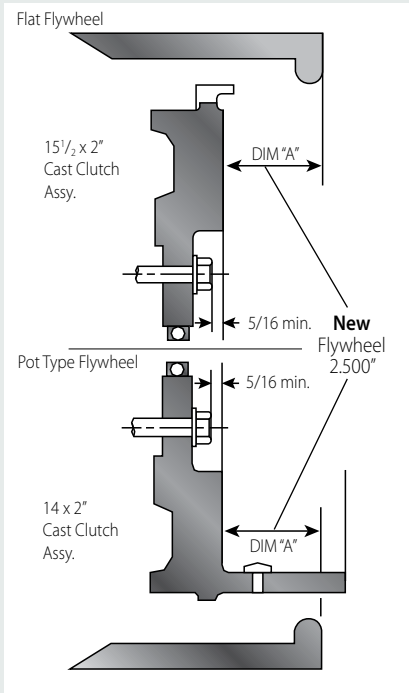
Clutch Parts

Quality Replacement Clutch Components

When to Use an Oversized Clutch Brake or Brake Washer

Every clutch replacement requires flywheel resurfacing. The use of ceramic friction materials 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 the charts on the right. Installing a thicker clutch brake will minimize the amount of clutch pre-adjustment and maximize the life of the clutch.



NEW IMPROVED DESIGN! Hinged Locking Clutch Brake

The purpose of the clutch brake is to slow down or stop the transmission input shaft from rotating when the clutch pedal is depressed. Now you can replace worn or damaged clutch brakes without removing the transmission.

The easy installation, (secured with a bolt-5/32 Allen Wrench is included) saves time and money.

Clutch Brakes

IATCO Part No.	Description	DIM "A"
M-1609	1¾" Torque Limiting (.380" thick)	2.500"-2.570"
M-1834	1¾" Torque Limiting (.500" thick)	2.660"-2.725"
M-1610	2" Torque Limiting (.380" thick)	2.500"-2.570"
M-1782	2" Torque Limiting (.450" thick)	2.570"-2.660"
M-1783	2" Torque Limiting (.500" thick)	2.660"-2.725"
M-1073	1¾" One-Piece	2.500"-2.570"
M-1074	2" One-Piece	2.500"-2.570"
M-1017	1¾" Two-Piece	2.500"-2.570"
M-1018	2" Two-Piece	2.500"-2.570"



Attractive point-of-sale packaging

Hinged Clutch Brakes

IATCO Part No.	Description	DIM "A"
M-1918	1¾" (.380" thick)	2.500"-2.570"
M-1881	2" (.380" thick)	2.500"-2.570"
M-1882	2" (.450" thick)	2.570"-2.660"
M-1883	2" (.500" thick)	2.660"-2.725"
M-1917	2" (.550" thick)	2.725"-2.775"

Installation Suggestion - Use a drop of Locktite® on the bottom of the thread.



Clutch Brake Washers

Use with full clutch brakes to compensate for material removed from flywheel. Washer dimensions used only with recommended clutch brakes M-1609, M-1610, M-1881, or M-1918.

IATCO Part No.	Description	DIM "A"
M-1901	1¾" (.125" thick)	2.570"-2.660"
M-1902	1¾" (.187" thick)	2.660"-2.725"
M-1826	2" (.125" thick)	2.570"-2.660"
M-1827	2" (.187" thick)	2.660"-2.725"

