

Weatherly index 078, 080

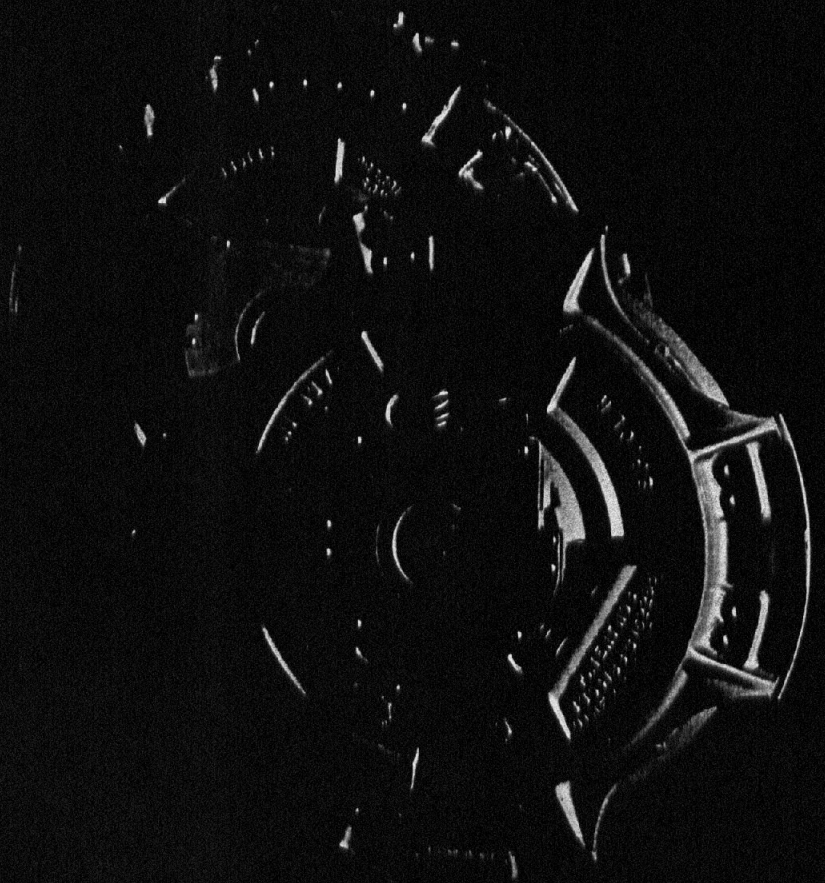
C 100-ASP

July, 1981

Supersedes C 100-ASP

dated August, 1977

Spicer[®]
manual and self-adjusting
14" and 15½"
Angle-Spring Clutches

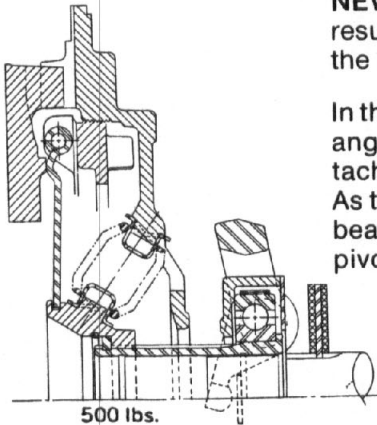


GENERAL INFORMATION

HOW IT WORKS

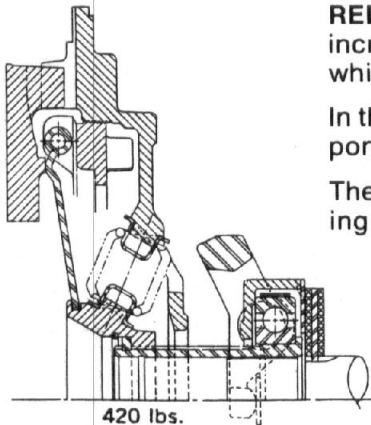
The Angle Spring is of the indirect pressure type; that is, the pressure springs are not located directly on the pressure plate. Instead, the spring load is applied through a series of six levers.

Spicer's A-S differs from most other conventional clutches in that the plate load and release bearing load are not directly proportional to the spring load.



NEW ENGAGED POSITION Pressure plate load (3200 lbs.) is the result of the axial load (500 lbs.) of the spring load multiplied by the lever ratio.

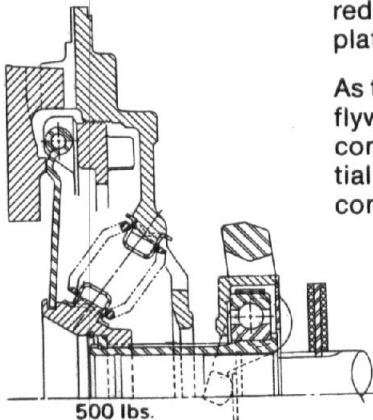
In the A-S clutch, three pairs of pressure springs are positioned at an angle to the centerline of the clutch with their ends pivotally attached to the flywheel ring (Cover) and the release sleeve retainer. As the release sleeve retainer with the release sleeve and release bearing is moved relative to the flywheel ring, the springs are free to pivot without bending or buckling.



RELEASED POSITION When the clutch is released, spring load increases but axial load (release bearing load) reduces to 420 lbs. which results in the reduced pedal effort.

In the Angle Spring, the plate load is obtained from the axial component of the spring force multiplied by the lever ratio.

The axial component of the spring force changes with release bearing movement, but not in direct proportion to the spring load.

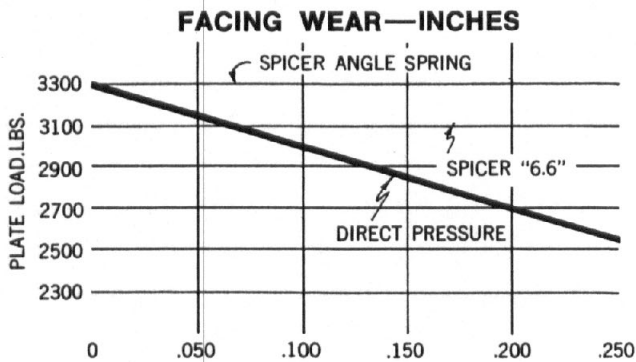


WORN ENGAGED POSITION When facings wear, spring load reduces but axial load remains at 500 lbs. and maintains 3200 lbs. plate load.

As the clutch wears, the release sleeve assembly moves toward the flywheel, the pressure springs elongate and lose load. The axial component of the reducing spring force, however, remains essentially constant. Therefore, the plate load, too, remains practically constant throughout the life of the clutch.

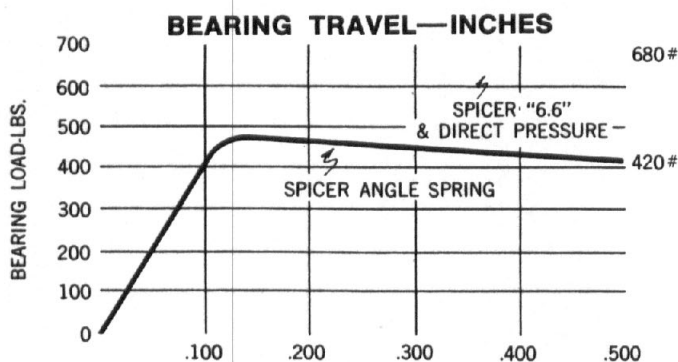
GENERAL INFORMATION

Typical load diagram for 3200 lbs. plate load spring.



In the Angle Spring the plate load is always like new. (See Graph #1)

When the clutch is released, the pressure springs increase in load; however, because of their changed angular position, the axial component of the spring force reduces. This, then, results in a decreasing release bearing load as the clutch is disengaged.



The reduction in bearing load, which is also realized in the pedal effort, can be up to 35% less than clutches of comparable capacity. (See Graph #2)

The concept that provides the reduction in bearing load is best understood by realizing that the load would drop to zero if the bearing could continue to be moved rearward until the springs assume a perpendicular position with respect to the centerline of the clutch.

The constant plate load and, especially, the reduction in release bearing load are by far the most outstanding features of the Angle Spring. However, we're proud of all seven good points.

FEATURES

- REDUCED PEDAL EFFORT
- CONSTANT PLATE LOAD
- SHORTER PEDAL STROKE
- MAXIMUM COVER VENTILATION
- ISOLATED PRESSURE SPRINGS
- INTERNAL ADJUSTMENT
- DIRECT INTERCHANGEABILITY

GENERAL INFORMATION

SPECIFICATIONS

CLUTCH MODEL	AS 1402		AS 1402 S.D.		AS 1552		
Size	14" 2-Plate		14" 2-Plate		15½" 2-Plate		
Clutch Plate Load—LB	2800	3200	2800	3200	2800	3200	3600
Release Brg. Load—LB (At .500 Release)	370	420	370	420	370	420	480

CLUTCH CAPACITY SELECTION CHART

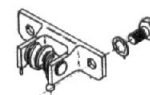
For 2-Plate Clutches

Size	Clutch Plate Load — Lb.	Facing	Recommended Max. Engine Torque — Lb. Ft.*
14"	2800	Organic	820
14"	2800	Ceramic	1090
14"	3200	Organic	950
14"	3200	Super Duty Ceramic	1250
15½"	2800	Organic	940
15½"	2800	Ceramic	1140
15½"	3200	Organic	1070
15½"	3200	Ceramic	1370
15½"	3600	Organic	1200
15½"	3600	Ceramic	1650

*Single Spring Dampers for Engines up to 900 Lb. Ft. Torque.
Coaxial Spring Dampers for Engines up to 1400 Lb. Ft. Torque.

NOTE: Maximum Engine Speeds — AS-1402 3300 RPM
AS-1552 2600 RPM

HOW SELF ADJUSTER WORKS



The adjuster mechanism, which is a replaceable section of the clutch cover, checks for facing wear each time the clutch is actuated. Once facing wear exceeds a predetermined amount, the adjusting ring is actuated by the adjuster mechanism and clutch free pedal dimensions are automatically returned to normal operating conditions.

"Angle Spring 2's" both 14" 2-plate and 15½" 2-plate models are directly interchangeable with Spicer clutches currently in use. No change to flywheel, clutch housing or clutch linkage is required.

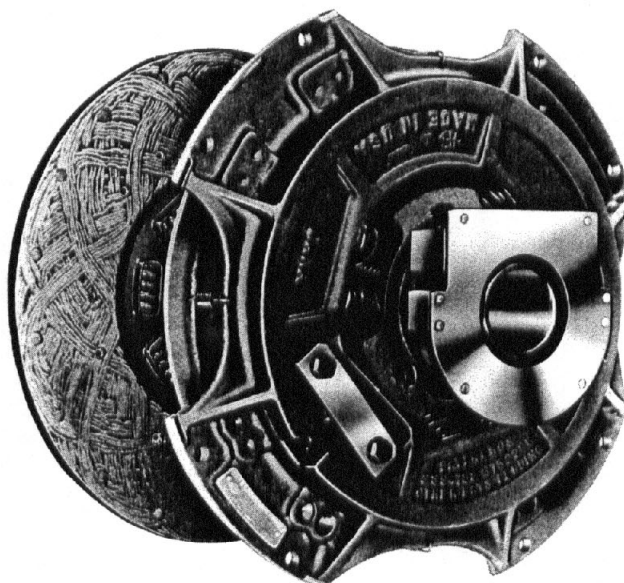
Direct interchangeability with all 14" and 15½" pull-type clutches, together with the many features mentioned above, make the "Spicer Angle-Spring" or "Angle-Spring 2" clutch a natural for all your heavy-duty clutch requirements. So, remember to specify an Angle-Spring clutch for all of your heavy duty equipment—it's the best in the industry.

ABBREVIATIONS

AS Angle Spring
AS-2 Self-Adjusting Angle-Spring
RAF Riveted Asbestos Facing
RCF Riveted Ceramic Facing

RPM Revolutions Per Minute
SD Super Duty
1402 14" 2-Plate Cl. Assy.
1552 15½" 2-Plate Cl. Assy.

IMPORTANT:
ORDER COMPONENT PARTS ONLY —
CLUTCH ASSEMBLY NUMBERS
ARE NOT AVAILABLE.

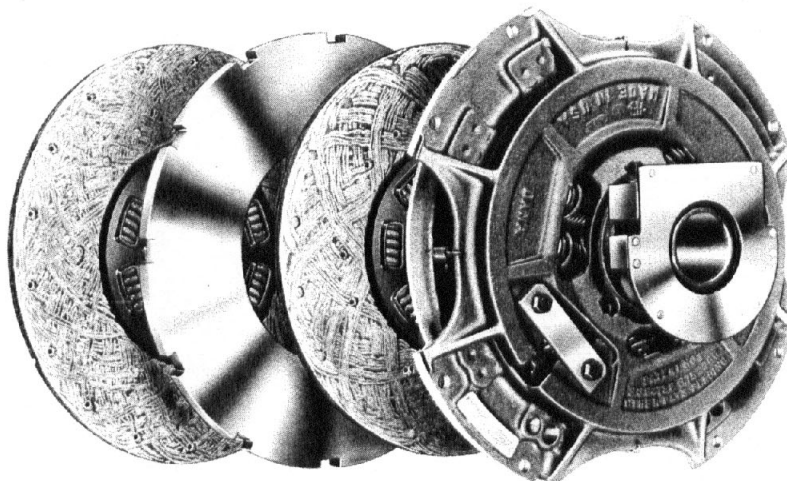


CLUTCH ASSEMBLY	CLUTCH DRIVEN DISC		COVER ASSY.		CLUTCH BRAKE TYPE
	Driven Disc	Type and Facing	Part Number	Plate Load Lbs.	
Part Number					Standard
107038	1 1/2" - 10 SPLINE (With Greaseable Release Bearing)				
■107038-2	127484-1X	DAMPER-RAF	127401-1X	3200	127403X
■107038-6	127484-1X	DAMPER-RAF	127401-1X	3200	—
■107038-7	127926-1X	DAMPER-RCF	127401-1X	3200	127403X
107039	2" - 10 SPLINE (With Greaseable Release Bearing)				
■107039-2	127243X	RIGID-RAF	127390-1X	3200	127383X
■107039-4	128127-1	DAMPER-RAF	127390-1X	3200	—
■107039-5	128127-1	DAMPER-RAF	127390-1X	3200	127383X
■107039-13	127535-1X	RIGID-RCF	127390-1X	3200	127383X
■107039-14	127535-1X	RIGID-RCF	127390-1X	3200	—

■Clutch Assemblies are not available; Components only are available.

RAF - Riveted Asbestos Facing

RCF - Riveted Ceramic Facing



CLUTCH ASSEMBLY *	CLUTCH DRIVEN DISCS				COVER ASSY.		CLUTCH BRAKE Part No. & Type	
	Front Disc	Intermediate Plate	Rear Disc	Type and Facing	Part Number	Plate Load Lbs.	Torque Limiting	Standard

SELF ADJUSTER**107235****(With Greaseable Release Bearing)**

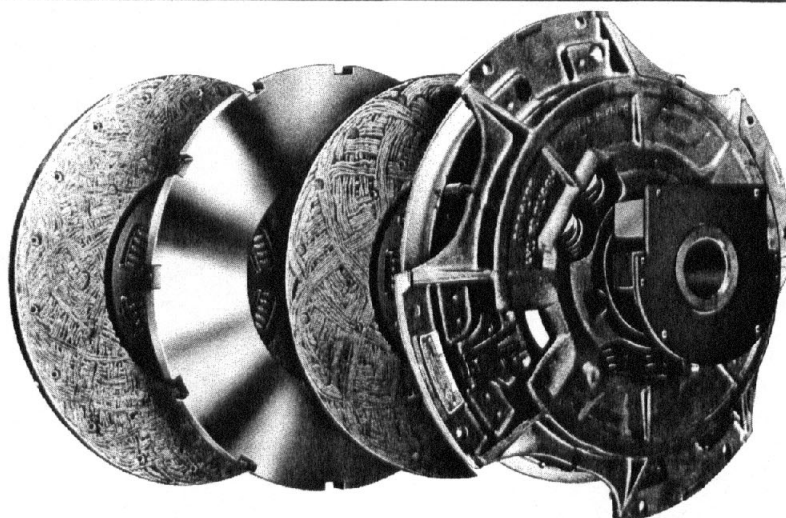
107235-1A	127047X	113C-49	127048X	RIGID-RAF	129229-1	3200	127740X	—
107235-4A	128124-1	113C-49	128125-1	DAMPER-RAF	129229-1	3200	127740X	—
107235-13A	127047X	113C-49	127048X	RIGID-RAF	129229-2	2800	127740X	—
107235-16A	128124-1	113C-49	128125-1	DAMPER-RAF	129229-2	2800	127740X	—
107235-19A	128128-1	113C-49	128129-1	DAMPER-RCF	129229-2	2800	127740X	—
107235-22A	127376-1X	113C-49	127377-1X	RIGID-RCF	129229-2	2800	127740X	—
107235-27A	128124-4	113C-49	128125-4	DAMPER-RAF	129229-1	3200	127740X	—
107235-35	127047X	113C-49	127048X	RIGID-RAF	129229-3	2400	—	—
•107235-50A	128095-1	113C-49	128096-1	DAMPER-RAF	129229-1	3200	127740X	—
•107235-51A	128095-1	113C-49	128096-1	DAMPER-RAF	129229-2	2800	127740X	—
•107235-53A	128099-1	113C-49	128100-1	DAMPER-RCF	129229-2	2800	127740X	—
•107235-56A	128095-4	113C-49	128096-4	DAMPER-RAF	129229-1	3200	127740X	—

107135**(With Sealed Release Bearing)**

107135-1A	127047X	113C-49	127048X	RIGID-RAF	127729-1X	3200	127740X	—
107135-4A	128124-1	113C-49	128125-1	DAMPER-RAF	127729-1X	3200	127740X	—
107135-13A	127047X	113C-49	127048X	RIGID-RAF	127729-2X	2800	127740X	—
107135-16A	128124-1	113C-49	128125-1	DAMPER-RAF	127729-2X	2800	127740X	—
107135-19A	128128-1	113C-49	128129-1	DAMPER-RCF	127729-2X	2800	127740X	—
107135-22A	127376-1X	113C-49	127377-1X	RIGID-RCF	127729-2X	2800	127740X	—
107135-27A	128124-4	113C-49	128125-4	DAMPER-RAF	127729-1X	3200	127740X	—
•107135-50A	128095-1	113C-49	128096-1	DAMPER-RAF	127729-1X	3200	127740X	—
•107135-51A	128095-1	113C-49	128096-1	DAMPER-RAF	127729-2X	2800	127740X	—
•107135-53A	128099-1	113C-49	128100-1	DAMPER-RCF	127729-2X	2800	127740X	—
•107135-56A	128095-4	113C-49	128096-4	DAMPER-RAF	127729-1X	3200	127740X	—

•—Coaxial Design Driven Disc
RAF—Riveted Asbestos Facing

*—Includes six 274C-6 Drive Pins
RCF—Riveted Ceramic Facing



CLUTCH ASSEMBLY*	CLUTCH DRIVEN DISCS				COVER ASSY.		CLUTCH BRAKE Part No. & Type	
	Front Disc	Intermediate Plate	Rear Disc	Type and Facing	Part Number	Plate Load Lbs.	Torque Limiting	Standard

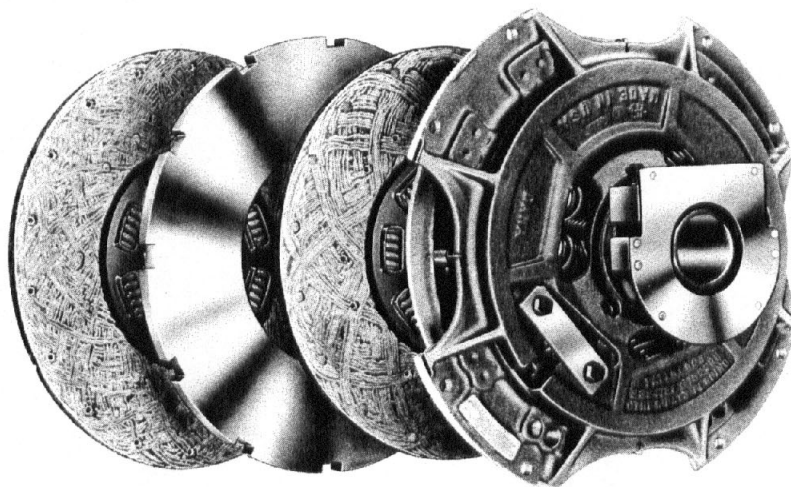
MANUAL

107035 (With Greaseable Release Bearing)

107035-1A	127047X	113C-49	127048X	RIGID-RAF	127400-1X	3200	127740X	—
107035-2	127047X	113C-49	127048X	RIGID-RAF	127400-1X	3200	—	127382X
107035-4A	128124-1	113C-49	128125-1	DAMPER-RAF	127400-1X	3200	127740X	—
107035-5	128124-1	113C-49	128125-1	DAMPER-RAF	127400-1X	3200	—	127382X
107035-13A	127047X	113C-49	127048X	RIGID-RAF	127400-2X	2800	127740X	—
107035-14	127047X	113C-49	127048X	RIGID-RAF	127400-2X	2800	—	127382X
107035-16A	128124-1	113C-49	128125-1	DAMPER-RAF	127400-2X	2800	127740X	—
107035-19A	128128-1	113C-49	128129-1	DAMPER-RCF	127400-2X	2800	127740X	—
107035-20	128128-1	113C-49	128129-1	DAMPER-RCF	127400-2X	2800	—	127382X
107035-22A	127376-1X	113C-49	127377-1X	RIGID-RCF	127400-2X	2800	127740X	—
107035-23	127376-1X	113C-49	127377-1X	RIGID-RCF	127400-2X	2800	—	127382X
107035-25	128124-4	113C-49	128125-4	DAMPER-RAF	127400-1X	3200	—	127382X
107035-27A	128124-4	113C-49	128125-4	DAMPER-RAF	127400-1X	3200	127740X	—
107035-35	127047X	113C-49	127048X	RIGID-RAF	127400-3X	2400	—	—
•107035-50A	128095-1	113C-49	128096-1	DAMPER-RAF	127400-1X	3200	127740X	—
•107035-51A	128095-1	113C-49	128096-1	DAMPER-RAF	127400-2X	2800	127740X	—
•107035-53A	128099-1	113C-49	128100-1	DAMPER-RCF	127400-2X	2800	127740X	—

•—Coaxial Design Driven Disc
RAF—Riveted Asbestos Facing

*—Includes Six 274C-6 Drive Pins
RCF—Riveted Ceramic Facing



CLUTCH ASSEMBLY*	CLUTCH DRIVEN DISCS				COVER ASSY.		CLUTCH BRAKE Part No. & Type	
	Front Disc	Intermediate Plate	Rear Disc	Type and Facing	Part Number	Plate Load Lbs.	Torque Limiting	Standard

SELF ADJUSTER

107234

(With Greaseable Release Bearing)

107234-1A	127242X	113C-49	127243X	RIGID-RAF	129250-1	3200	127760X	—
107234-4A	128126-1	113C-49	128127-1	DAMPER-RAF	129250-1	3200	127760X	—
107234-13A	127242X	113C-49	127243X	RIGID-RAF	129250-2	2800	127760X	—
107234-16A	128126-1	113C-49	128127-1	DAMPER-RAF	129250-2	2800	127760X	—
107234-19A	127384-1X	113C-49	127385-1X	RIGID-RCF	129250-2	2800	127760X	—
107234-22A	128130-1	113C-49	128131-1	DAMPER-RCF	129250-2	2800	127760X	—
107234-29A	128126-3	113C-49	128127-3	DAMPER-RAF	129250-1	3200	127760X	—
•107234-50A	128097-1	113C-49	128098-1	DAMPER-RAF	129250-1	3200	127760X	—
•107234-51A	128097-1	113C-49	128098-1	DAMPER-RAF	129250-2	2800	127760X	—
•107234-53A	128101-1	113C-49	128102-1	DAMPER-RCF	129250-2	2800	127760X	—
•107234-56A	128097-3	113C-49	128098-3	DAMPER-RAF	129250-1	3200	127760X	—

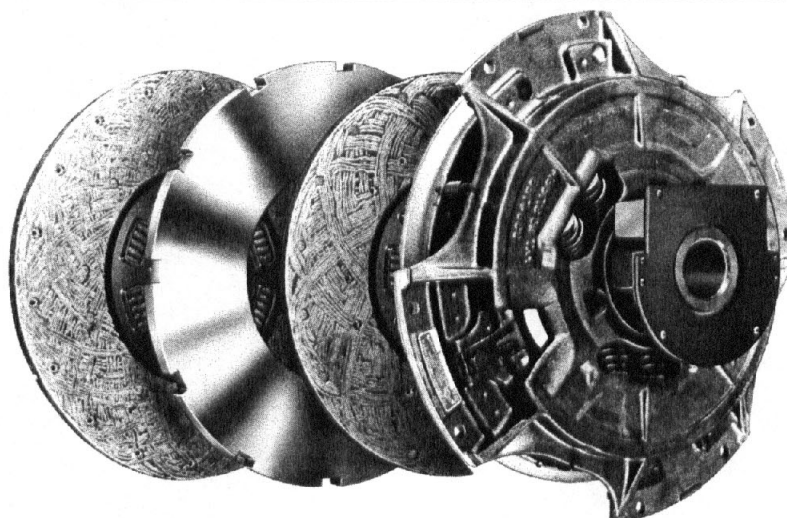
107134

(With Sealed Release Bearing)

107134-1A	127242X	113C-49	127243X	RIGID-RAF	127750-1X	3200	127760X	—
107134-4A	128126-1	113C-49	128127-1	DAMPER-RAF	127750-1X	3200	127760X	—
107134-13A	127242X	113C-49	127243X	RIGID-RAF	127750-2X	2800	127760X	—
107134-16A	128126-1	113C-49	128127-1	DAMPER-RAF	127750-2X	2800	127760X	—
107134-19A	127384-1X	113C-49	127385-1X	RIGID-RCF	127750-2X	2800	127760X	—
107134-22A	128130-1	113C-49	128131-1	DAMPER-RCF	127750-2X	2800	127760X	—
107134-29A	128126-3	113C-49	128127-3	DAMPER-RAF	127750-1X	3200	127760X	—
•107134-50A	128097-1	113C-49	128098-1	DAMPER-RAF	127750-1X	3200	127760X	—
•107134-51A	128097-1	113C-49	128098-1	DAMPER-RAF	127750-2X	2800	127760X	—
•107134-53A	128101-1	113C-49	128102-1	DAMPER-RCF	127750-2X	2800	127760X	—
•107134-56A	128097-3	113C-49	128098-3	DAMPER-RAF	127750-1X	3200	127760X	—

•—Coaxial Design Driven Disc
RAF—Riveted Asbestos Facing

*—Includes Six 274C-6 Drive Pins
RCF—Riveted Ceramic Facing



CLUTCH ASSEMBLY *	CLUTCH DRIVEN DISCS				COVER ASSY.		CLUTCH BRAKE Part No. & Type	
	Front Disc	Intermediate Plate	Rear Disc	Type and Facing	Part Number	Plate Load Lbs.	Torque Limiting	Standard

MANUAL

107034 (With Greaseable Release Bearing)

107034-1A	127242X	113C-49	127243X	RIGID-RAF	127390-1X	3200	127760X	—
107034-2	127242X	113C-49	127243X	RIGID-RAF	127390-1X	3200	—	127383X
107034-4A	128126-1	113C-49	128127-1	DAMPER-RAF	127390-1X	3200	127760X	—
107034-5	128126-1	113C-49	128127-1	DAMPER-RAF	127390-1X	3200	—	127383X
107034-13A	127242X	113C-49	127243X	RIGID-RAF	127390-2X	2800	127760X	—
107034-16A	128126-1	113C-49	128127-1	DAMPER-RAF	127390-2X	2800	127760X	—
107034-19A	127384-1X	113C-49	127385-1X	RIGID-RCF	127390-2X	2800	127760X	—
107034-20	127384-1X	113C-49	127385-1X	RIGID-RCF	127390-2X	2800	—	127383X
107034-22A	128130-1	113C-49	128131-1	DAMPER-RCF	127390-2X	2800	127760X	—
107034-23	128130-1	113C-49	128131-1	DAMPER-RCF	127390-2X	2800	—	127383X
107034-29A	128126-3	113C-49	128127-3	DAMPER-RAF	127390-1X	3200	127760X	—
•107034-50A	128097-1	113C-49	128098-1	DAMPER-RAF	127390-1X	3200	127760X	—
•107034-51A	128097-1	113C-49	128098-1	DAMPER-RAF	127390-2X	2800	127760X	—
•107034-53A	128101-1	113C-49	128102-1	DAMPER-RCF	127390-2X	2800	127760X	—

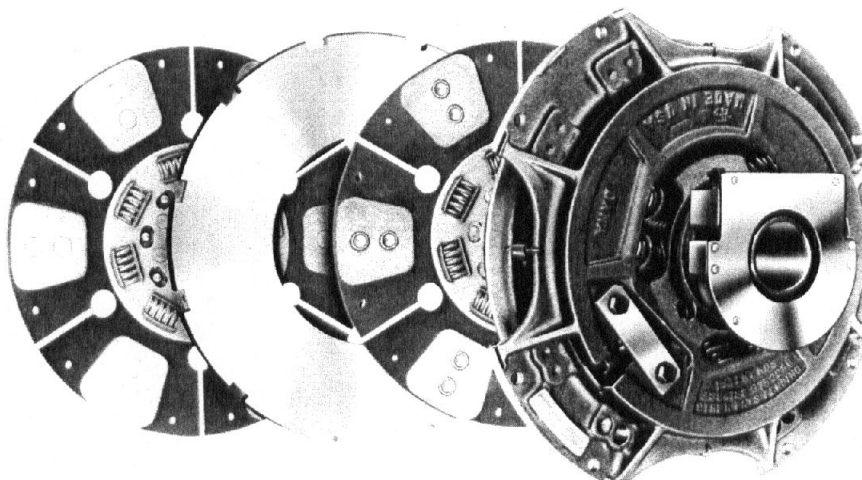
107534 (With Sealed Release Bearing)

•107534-53A	128101-1	113C-49	128102-1	DAMPER-RCF	129390-2X	2800	127760X	—
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•—Coaxial Design Driven Disc
RAF—Riveted Asbestos Facing

*—Includes Six 274C-6 Drive Pins
RCF—Riveted Ceramic Facing

NOTE:
THICKER
INTERMEDIATE PLATE



CLUTCH ASSEMBLY Part No.	SUPER DUTY CLUTCH DRIVEN DISC KITS INCLUDE						COVER ASSY.		CLUTCH BRAKE Part No. & Type	
	Kit No.	Front Discs	Inter- mediate Plate	Rear Disc	Anti- Rattle Spring	Type and Facing	Part Number	Plate Load Lbs.	Torque Limiting	Standard

SELF ADJUSTER**107263****(With Greaseable Release Bearing)**

107263-1A	127681X	127504-1X	113C-70	127505-1X	161C-5	RIGID-RCF	129229-1	3200	127740X	—
107263-2A	127681X	127504-1X	113C-70	127505-1X	161C-5	RIGID-RCF	129229-2	2800	127740X	—
107263-3A	127682X	128132-1	113C-70	128133-1	161C-5	DAMPER-RCF	129229-2	2800	127740X	—
107263-8A	127682X	128132-1	113C-70	128133-1	161C-5	DAMPER-RCF	129229-1	3200	127740X	—
•107263-52A	125081X	128089-1	113C-70	128090-1	161C-5	DAMPER-RCF	129229-1	3200	127740X	—
•107263-53A	125081X	128089-1	113C-70	128090-1	161C-5	DAMPER-RCF	129229-2	2800	127740X	—

107163**(With Sealed Release Bearing)**

107163-1A	127681X	127504-1X	113C-70	127505-1X	161C-5	RIGID-RCF	127729-1X	3200	127740X	—
107163-2A	127681X	127504-1X	113C-70	127505-1X	161C-5	RIGID-RCF	127729-2X	2800	127740X	—
107163-3A	127682X	128132-1	113C-70	128133-1	161C-5	DAMPER-RCF	127729-2X	2800	127740X	—
107163-8A	127682X	128132-1	113C-70	128133-1	161C-5	DAMPER-RCF	127729-1X	3200	127740X	—
•107163-52A	125081X	128089-1	113C-70	128090-1	161C-5	DAMPER-RCF	127729-1X	3200	127740X	—
•107163-53A	125081X	128089-1	113C-70	128090-1	161C-5	DAMPER-RCF	127729-2X	2800	127740X	—

107063**(With Greaseable Release Bearing)****MANUAL**

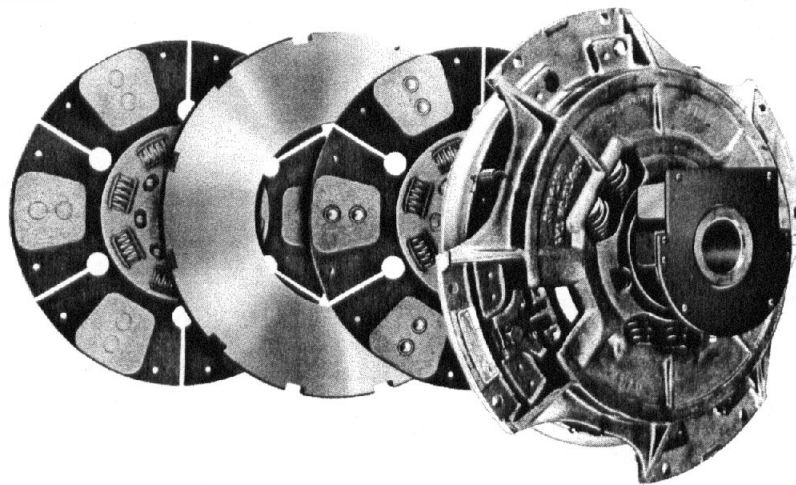
107063-1A	127681X	127504-1X	113C-70	127505-1X	161C-5	RIGID-RCF	127400-1X	3200	127740X	—
107063-2A	127681X	127504-1X	113C-70	127505-1X	161C-5	RIGID-RCF	127400-2X	2800	127740X	—
107063-3A	127682X	128132-1	113C-70	128133-1	161C-5	DAMPER-RCF	127400-2X	2800	127740X	—
107063-8A	127682X	128132-1	113C-70	128133-1	161C-5	DAMPER-RCF	127400-1X	3200	127740X	—
•107063-52A	125081X	128089-1	113C-70	128090-1	161C-5	DAMPER-RCF	127400-1X	3200	127740X	—
•107063-53A	125081X	128089-1	113C-70	128090-1	161C-5	DAMPER-RCF	127400-2X	2800	127740X	—

107563**(With Sealed Release Bearing)**

107563-9A	127682X	128132-2	113C-70	123133-2	161C-5	DAMPER-RCF	129400-1X	3200	127740X	—
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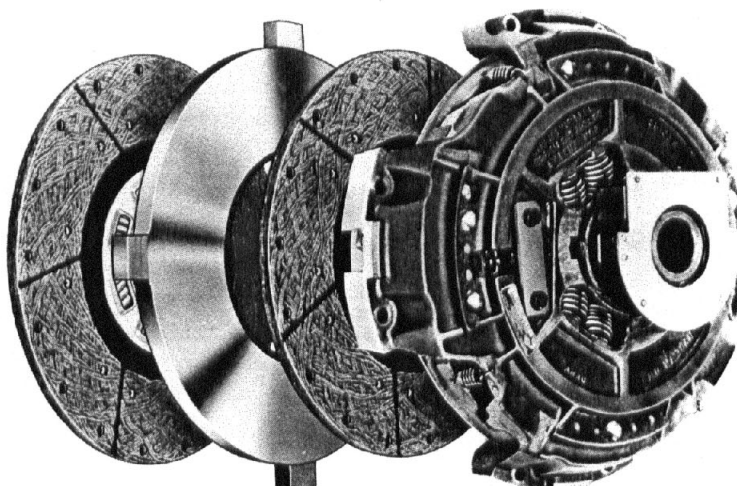
•—Coaxial Design Driven Disc
RAF—Riveted Asbestos Facing
RCF—Riveted Ceramic Facing
SD—Super Duty

NOTE:
THICKER
INTERMEDIATE PLATE



CLUTCH ASSEMBLY Part No.	SUPER DUTY CLUTCH DRIVEN DISC KITS INCLUDE						COVER ASSY.		CLUTCH BRAKE Part No. & Type	
	Kit No.	Front Discs	Inter- mediate Plate	Rear Disc	Anti- Rattle Spring	Type and Facing	Part Number	Plate Load Lbs.	Torque Limiting	Standard
107250	(With Greaseable Release Bearing)						SELF ADJUSTER			
107250-1A	127603X	127461-1X	113C-70	127462-1X	161C-5	RIGID-RCF	129250-1	3200	127760X	—
107250-4A	127603X	127461-1X	113C-70	127462-1X	161C-5	RIGID-RCF	129250-2	2800	127760X	—
107250-5A	127613X	128134-1	113C-70	128135-1	161C-5	DAMPER-RCF	129250-2	2800	127760X	—
107250-8A	127613X	128134-1	113C-70	128135-1	161C-5	DAMPER-RCF	129250-1	3200	127760X	—
•107250-52A	125064X	128051-1	113C-70	128052-1	161C-5	DAMPER-RCF	129250-1	3200	127760X	—
•107250-53A	125064X	128051-1	113C-70	128052-1	161C-5	DAMPER-RCF	129250-2	2800	127760X	—
•107250-57A	—	128051-4	113C-70	128052-4	161C-5	DAMPER-RCF	129250-1	3200	127760X	—
107150	(With Sealed Release Bearing)									
107150-1A	127603X	127461-1X	113C-70	127462-1X	161C-5	RIGID-RCF	127750-1X	3200	127760X	—
107150-4A	127603X	127461-1X	113C-70	127462-1X	161C-5	RIGID-RCF	127750-2X	2800	127760X	—
107150-5A	127613X	128134-1	113C-70	128135-1	161C-5	DAMPER-RCF	127750-2X	2800	127760X	—
107150-8A	127613X	128134-1	113C-70	128135-1	161C-5	DAMPER-RCF	127750-1X	3200	127760X	—
107150-11A	—	127461-4X	113C-70	127462-4X	161C-5	RIGID-RCF	127750-1X	3200	127760X	—
•107150-52A	125064X	128051-1	113C-70	128052-1	161C-5	DAMPER-RCF	127750-1X	3200	127760X	—
•107150-53A	125064X	128051-1	113C-70	128052-1	161C-5	DAMPER-RCF	127750-2X	2800	127760X	—
•107150-56A	—	128051-4	113C-70	128052-4	161C-5	DAMPER-RCF	127750-2X	2800	127760X	—
•107150-57A	—	128051-4	113C-70	128052-4	161C-5	DAMPER-RCF	127750-1X	3200	127760X	—
107050	(With Greaseable Release Bearing)						MANUAL			
107050-1A	127603X	127461-1X	113C-70	127462-1X	161C-5	RIGID-RCF	127390-1X	3200	127760X	—
107050-2	127603X	127461-1X	113C-70	127462-1X	161C-5	RIGID-RCF	127390-1X	3200	—	127383X
107050-4A	127603X	127461-1X	113C-70	127462-1X	161C-5	RIGID-RCF	127390-2X	2800	127760X	—
107050-5A	127613X	128134-1	113C-70	128135-1	161C-5	DAMPER-RCF	127390-2X	2800	127760X	—
107050-6	127603X	127461-1X	113C-70	127462-1X	161C-5	RIGID-RCF	127390-2X	2800	—	127383X
107050-7	127613X	128134-1	113C-70	128135-1	161C-5	DAMPER-RCF	127390-2X	2800	—	127383X
107050-8A	127613X	128134-1	113C-70	128135-1	161C-5	DAMPER-RCF	127390-1X	3200	127760X	—
107050-9	127613X	128134-1	113C-70	128135-1	161C-5	DAMPER-RCF	127390-1X	3200	—	127383X
107050-11A	—	127461-4X	113C-70	127462-4X	161C-5	RIGID-RCF	127390-1X	3200	127760X	—
•107050-52A	125064X	128051-1	113C-70	128052-1	161C-5	DAMPER-RCF	127390-1X	3200	127760X	—
•107050-53A	125064X	128051-1	113C-70	128052-1	161C-5	DAMPER-RCF	127390-2X	2800	127760X	—
•107050-56A	—	128051-4	113C-70	128052-4	161C-5	DAMPER-RCF	127390-2X	2800	127760X	—
•107050-57A	—	128051-4	113C-70	128052-4	161C-5	DAMPER-RCF	127390-1X	3200	127760X	—

RAF—Riveted Asbestos Facing RCF—Riveted Ceramic Facing •—Coaxial Design Driven Disc



CLUTCH ASSEMBLY	CLUTCH DRIVEN DISCS				COVER ASSY.		CLUTCH BRAKE Part No. & Type	
	Front Disc	Intermediate Plate	Rear Disc	Type and Facing	Part Number	Plate Load Lbs.	Torque Limiting	Standard

SELF ADJUSTER

107290

(With Greaseable Release Bearing)

107290-1A	127801-1X	113C-52	127802-1X	RIGID-RAF	129256-1	3200	127740X	—
107290-2A	128136-1	113C-52	128137-1	DAMPER-RAF	129256-1	3200	127740X	—
107290-3A	127803-1X	113C-52	127804-1X	RIGID-RCF	129256-1	3200	127740X	—
107290-4A	128140-1	113C-52	128141-1	DAMPER-RCF	129256-1	3200	127740X	—
107290-5A	127801-1X	113C-52	127802-1X	RIGID-RAF	129256-2	2800	127740X	—
107290-6A	128136-1	113C-52	128137-1	DAMPER-RAF	129256-2	2800	127740X	—
107290-7A	127803-1X	113C-52	127804-1X	RIGID-RCF	129256-2	2800	127740X	—
107290-8A	128140-1	113C-52	128141-1	DAMPER-RCF	129256-2	2800	127740X	—
•107290-50A	128091-1	113C-52	128092-1	DAMPER-RAF	129256-1	3200	127740X	—
•107290-51A	128091-1	113C-52	128092-1	DAMPER-RAF	129256-2	2800	127740X	—
•107290-52A	128093-1	113C-52	128094-1	DAMPER-RCF	129256-1	3200	127740X	—
•107290-53A	128093-1	113C-52	128094-1	DAMPER-RCF	129256-2	2800	127740X	—

107190

(With Sealed Release Bearing)

107190-1A	127801-1X	113C-52	127802-1X	RIGID-RAF	127756-1X	3200	127740X	—
107190-2A	128136-1	113C-52	128137-1	DAMPER-RAF	127756-1X	3200	127740X	—
107190-3A	127803-1X	113C-52	127804-1X	RIGID-RCF	127756-1X	3200	127740X	—
107190-4A	128140-1	113C-52	128141-1	DAMPER-RCF	127756-1X	3200	127740X	—
107190-5A	127801-1X	113C-52	127802-1X	RIGID-RAF	127756-2X	2800	127740X	—
107190-6A	128136-1	113C-52	128137-1	DAMPER-RAF	127756-2X	2800	127740X	—
107190-8A	128140-1	113C-52	128141-1	DAMPER-RCF	127756-2X	2800	127740X	—
•107190-50A	128091-1	113C-52	128092-1	DAMPER-RAF	127756-1X	3200	127740X	—
•107190-51A	128091-1	113C-52	128092-1	DAMPER-RAF	127756-2X	2800	127740X	—
•107190-52A	128093-1	113C-52	128094-1	DAMPER-RCF	127756-1X	3200	127740X	—
•107190-53A	128093-1	113C-52	128094-1	DAMPER-RCF	127756-2X	2800	127740X	—

•—Coaxial Design Driven Disc

RAF—Riveted Asbestos Facing

RCF—Riveted Ceramic Facing



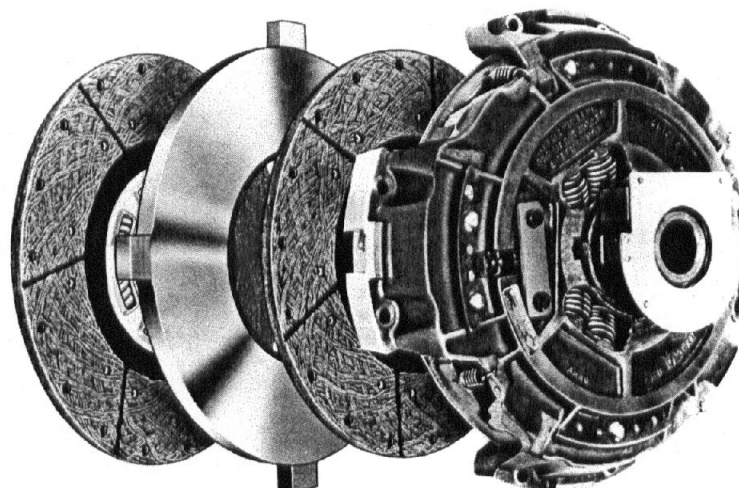
CLUTCH ASSEMBLY Part Number	CLUTCH DRIVEN DISCS				COVER ASSY.		CLUTCH BRAKE Part No. & Type	
	Front Disc	Intermediate Plate	Rear Disc	Type and Facing	Part Number	Plate Load Lbs.	Torque Limiting	Standard

MANUAL

107090 [With Greaseable Release Bearing]

107090-1A	127801-1X	113C-52	127802-1X	RIGID-RAF	127476-1X	3200	127740X	—
107090-2A	128136-1	113C-52	128137-1	DAMPER-RAF	127476-1X	3200	127740X	—
107090-3A	127803-1X	113C-52	127804-1X	RIGID-RCF	127476-1X	3200	127740X	—
107090-4A	128140-1	113C-52	128141-1	DAMPER-RCF	127476-1X	3200	127740X	—
107090-5A	127801-1X	113C-52	127802-1X	RIGID-RAF	127476-2X	2800	127740X	—
107090-6A	128136-1	113C-52	128137-1	DAMPER-RAF	127476-2X	2800	127740X	—
107090-7A	127803-1X	113C-52	127804-1X	RIGID-RCF	127476-2X	2800	127740X	—
107090-8A	128140-1	113C-52	128141-1	DAMPER-RCF	127476-2X	2800	127740X	—
107090-10	127801-1X	113C-52	127802-1X	RIGID-RAF	127476-1X	3200	—	127382X
107090-11	128136-1	113C-52	128137-1	DAMPER-RAF	127476-1X	3200	—	127382X
107090-17	128140-1	113C-52	128141-1	DAMPER-RCF	127476-1X	3200	—	127382X
107090-20A	127801-2X	113C-52	127802-2X	RIGID-RAF	127476-4X	3600	127740X	—
107090-21A	127803-1X	113C-52	127804-1X	RIGID-RCF	127476-4X	3600	127740X	—
•107090-50A	128091-1	113C-52	128092-1	DAMPER-RAF	127476-1X	3200	127740X	—
•107090-51A	128091-1	113C-52	128092-1	DAMPER-RAF	127476-2X	2800	127740X	—
•107090-52A	128093-1	113C-52	128094-1	DAMPER-RCF	127476-1X	3200	127740X	—
•107090-53A	128093-1	113C-52	128094-1	DAMPER-RCF	127476-2X	2800	127740X	—
•107090-54A	128091-1	113C-52	128092-1	DAMPER-RAF	127476-4X	3600	127740X	—
•107090-55A	128093-1	113C-52	128094-1	DAMPER-RCF	127476-4X	3600	127740X	—

•—Coaxial Design Driven Disc
RAF—Riveted Asbestos Facing
RCF—Riveted Ceramic Facing

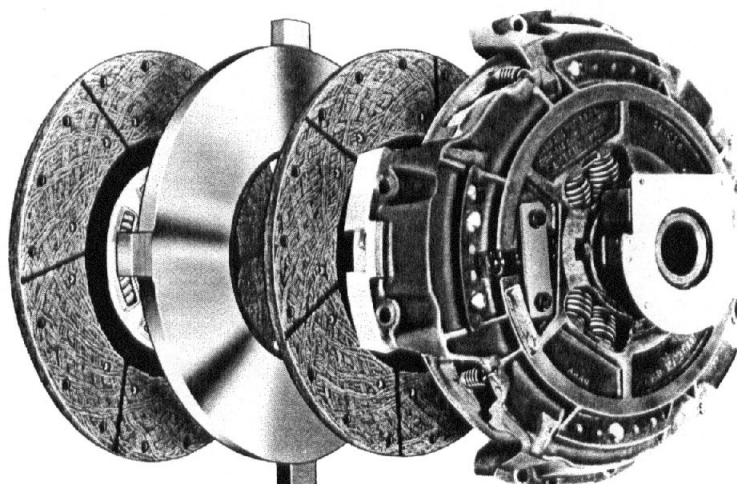


CLUTCH ASSEMBLY	CLUTCH DRIVEN DISCS				COVER ASSY.		CLUTCH BRAKE Part No. & Type	
	Front Disc	Intermediate Plate	Rear Disc	Type and Facing	Part Number	Plate Load Lbs.	Torque Limiting	Standard

SELF ADJUSTER**107291****(With Greaseable Release Bearing)**

107291-1A	127813-1X	113C-52	127814-1X	RIGID-RAF	129290-1	3200	127760X	—
107291-2A	128138-1	113C-52	128139-1	DAMPER-RAF	129290-1	3200	127760X	—
107291-3A	128067-1	113C-52	128068-1	RIGID-RCF	129290-1	3200	127760X	—
107291-4A	128142-1	113C-52	128143-1	DAMPER-RCF	129290-1	3200	127760X	—
107291-5A	127813-1X	113C-52	127814-1X	RIGID-RAF	129290-2	2800	127760X	—
107291-6A	128138-1	113C-52	128139-1	DAMPER-RAF	129290-2	2800	127760X	—
107291-7A	128067-1	113C-52	128068-1	RIGID-RCF	129290-2	2800	127760X	—
107291-8A	128142-1	113C-52	128143-1	DAMPER-RCF	129290-2	2800	127760X	—
107291-21A	128067-1	113C-52	128068-1	RIGID-RCF	129290-4	3600	127760X	—
107291-23A	128142-1	113C-52	128143-1	DAMPER-RCF	129290-4	3600	127760X	—
107291-24A	128138-1	113C-52	128139-1	DAMPER-RAF	129290-4	3600	127760X	—
107291-25A	127813-1X	113C-52	127814-1X	RIGID-RAF	129290-4	3600	127760X	—
•107291-50A	128060-1	113C-52	128061-1	DAMPER-RAF	129290-1	3200	127760X	—
•107291-51A	128060-1	113C-52	128061-1	DAMPER-RAF	129290-2	2800	127760X	—
•107291-52A	128049-1	113C-52	128050-1	DAMPER-RCF	129290-1	3200	127760X	—
•107291-53A	128049-1	113C-52	128050-1	DAMPER-RCF	129290-2	2800	127760X	—
•107291-54A	128060-1	113C-52	128061-1	DAMPER-RAF	129290-4	3600	127760X	—
•107291-55A	128049-1	113C-52	128050-1	DAMPER-RCF	129290-4	3600	127760X	—

•—Coaxial Design Driven Disc
 RAF—Riveted Asbestos Facing
 RCF—Riveted Ceramic Facing



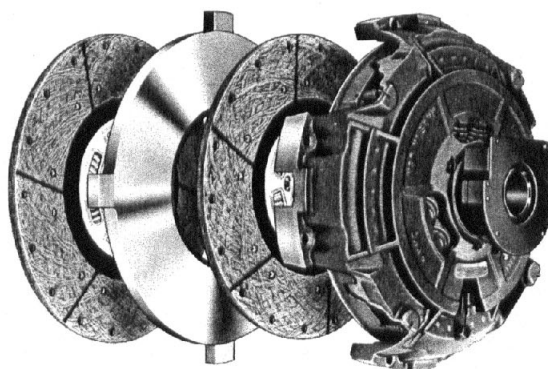
CLUTCH ASSEMBLY	CLUTCH DRIVEN DISCS				COVER ASSY.		CLUTCH BRAKE Part No. & Type	
	Front Disc	Intermediate Plate	Rear Disc	Type and Facing	Part Number	Plate Load Lbs.	Torque Limiting	Standard

107191 (With Sealed Release Bearing)

SELF ADJUSTER

107191-1A	127813-1X	113C-52	127814-1X	RIGID-RAF	127790-1X	3200	127760X	—
107191-2A	128138-1	113C-52	128139-1	DAMPER-RAF	127790-1X	3200	127760X	—
107191-3A	128067-1	113C-52	128068-1	RIGID-RCF	127790-1X	3200	127760X	—
107191-4A	128142-1	113C-52	128143-1	DAMPER-RCF	127790-1X	3200	127760X	—
107191-5A	127813-1X	113C-52	127814-1X	RIGID-RAF	127790-2X	2800	127760X	—
107191-6A	128138-1	113C-52	128139-1	DAMPER-RAF	127790-2X	2800	127760X	—
107191-7A	128067-1	113C-52	128068-1	RIGID-RCF	127790-2X	2800	127760X	—
107191-8A	128142-1	113C-52	128143-1	DAMPER-RCF	127790-2X	2800	127760X	—
107191-21A	128067-1	113C-52	128068-1	RIGID-RCF	127790-4X	3600	127760X	—
107191-23	128142-1	113C-52	128143-1	DAMPER-RCF	127790-4X	3600	—	—
107191-24A	128138-1	113C-52	128139-1	DAMPER-RAF	127790-4X	3600	127760X	—
107191-25A	127813-1X	113C-52	127814-1X	RIGID-RAF	127790-4X	3600	127760X	—
107191-26A	128067-4	113C-52	128068-4	RIGID-RCF	127790-4X	3600	127760X	—
•107191-50A	128060-1	113C-52	128061-1	DAMPER-RAF	127790-1X	3200	127760X	—
•107191-51A	128060-1	113C-52	128061-1	DAMPER-RAF	127790-2X	2800	127760X	—
•107191-52A	128049-1	113C-52	128050-1	DAMPER-RCF	127790-1X	3200	127760X	—
•107191-53A	128049-1	113C-52	128050-1	DAMPER-RCF	127790-2X	2800	127760X	—
•107191-54A	128060-1	113C-52	128061-1	DAMPER-RAF	127790-4X	3600	127760X	—
•107191-55A	128049-1	113C-52	128050-1	DAMPER-RCF	127790-4X	3600	127760X	—
•107191-57A	128049-4	113C-52	128050-4	DAMPER-RCF	127790-1X	3200	127760X	—
•107191-58A	128049-4	113C-52	128050-4	DAMPER-RCF	127790-4X	3600	127760X	—
•107191-59A	128060-2	113C-52	128061-2	DAMPER-RAF	127790-1X	3200	127760X	—

•—Coaxial Design Driven Disc
RAF—Riveted Asbestos Facing
RCF—Riveted Ceramic Facing



CLUTCH ASSEMBLY	CLUTCH DRIVEN DISCS				COVER ASSY.		CLUTCH BRAKE	
	Front Disc	Intermediate Plate	Rear Disc	Type and Facing	Part Number	Plate Load Lbs.	Torque Limiting	Standard

MANUAL

107091

(With Greaseable Release Bearing)

107091-1A	127813-1X	113C-52	127814-1X	RIGID-RAF	127597-1X	3200	127760X	—
107091-2A	128138-1	113C-52	128139-1	DAMPER-RAF	127597-1X	3200	127760X	—
107091-3A	128067-1	113C-52	128068-1	RIGID-RCF	127597-1X	3200	127760X	—
107091-4A	128142-1	113C-52	128143-1	DAMPER-RCF	127597-1X	3200	127760X	—
107091-5A	127813-1X	113C-52	127814-1X	RIGID-RAF	127597-2X	2800	127760X	—
107091-6A	128138-1	113C-52	128139-1	DAMPER-RAF	127597-2X	2800	127760X	—
107091-7A	128067-1	113C-52	128068-1	RIGID-RCF	127597-2X	2800	127760X	—
107091-8A	128142-1	113C-52	127143-1	DAMPER-RCF	127597-2X	2800	127760X	—
107091-9	127813-1X	113C-52	127814-1X	RIGID-RAF	127597-1X	3200	—	127383X
107091-10	128138-1	113C-52	128139-1	DAMPER-RAF	127597-1X	3200	—	127383X
107091-15	128067-1	113C-52	128068-1	RIGID-RCF	127597-1X	3200	—	127383X
107091-16	128142-1	113C-52	128143-1	DAMPER-RCF	127597-1X	3200	—	127383X
107091-17A	128138-2	113C-52	128139-2	DAMPER-RAF	127597-2X	2800	127760X	—
107091-21A	128067-1	113C-52	128068-1	RIGID-RCF	127597-4X	3600	127760X	—
107091-23A	128142-1	113C-52	128143-1	DAMPER-RCF	127597-4X	3600	127760X	—
107091-24A	128138-1	113C-52	128139-1	DAMPER-RAF	127597-4X	3600	127760X	—
107091-25A	127813-1X	113C-52	127814-1X	RIGID-RAF	127597-4X	3600	127760X	—
107091-26A	128067-4	113C-52	128068-4	RIGID-RCF	127597-4X	3600	127760X	—
•107091-50A	128060-1	113C-52	128061-1	DAMPER-RAF	127597-1X	3200	127760X	—
•107091-51A	128060-1	113C-52	128061-1	DAMPER-RAF	127597-2X	2800	127760X	—
•107091-52A	128049-1	113C-52	128050-1	DAMPER-RCF	127597-1X	3200	127760X	—
•107091-53A	128049-1	113C-52	128050-1	DAMPER-RCF	127597-2X	2800	127760X	—
•107091-54A	128060-1	113C-52	128061-1	DAMPER-RAF	127597-4X	3600	127760X	—
•107091-55A	128049-1	113C-52	128050-1	DAMPER-RCF	127597-4X	3600	127760X	—
•107091-57A	128049-4	113C-52	128050-4	DAMPER-RCF	127597-1X	3200	127760X	—
•107091-58A	128049-4	113C-52	128050-4	DAMPER-RCF	127597-4X	3600	127760X	—

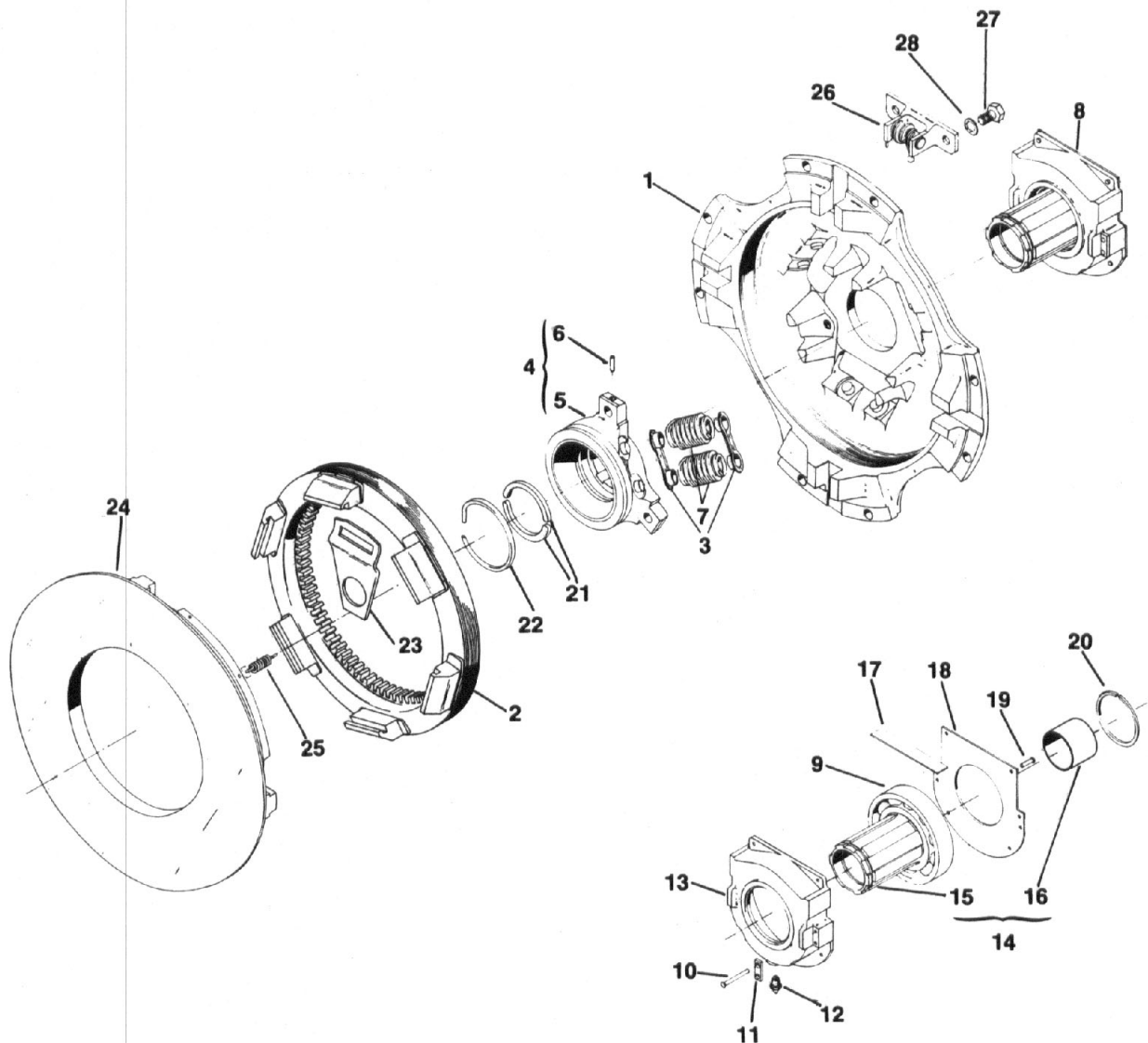
107591

(With Sealed Release Bearing)

107591-53A	128049-1	113C-52	128050-1	DAMPER-RCF	129597-1X	2800	127760X	—
107591-55A	128049-1	113C-52	128050-1	DAMPER-RCF	129597-4X	3600	127760X	—

•—Coaxial Design Driven Disc RAF—Riveted Asbestos Facing RCF—Riveted Ceramic Facing

SELF ADJUSTER W/GREASEABLE BEARING

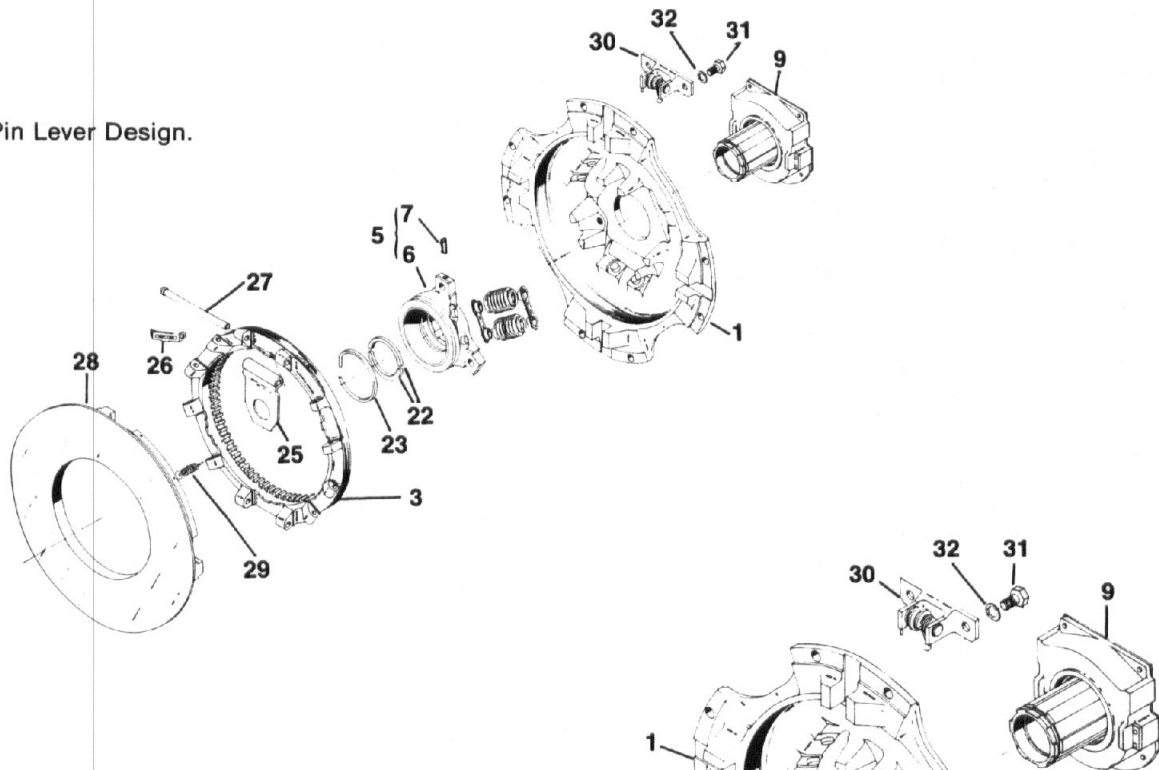


SELF ADJUSTER W/GREASEABLE BEARING

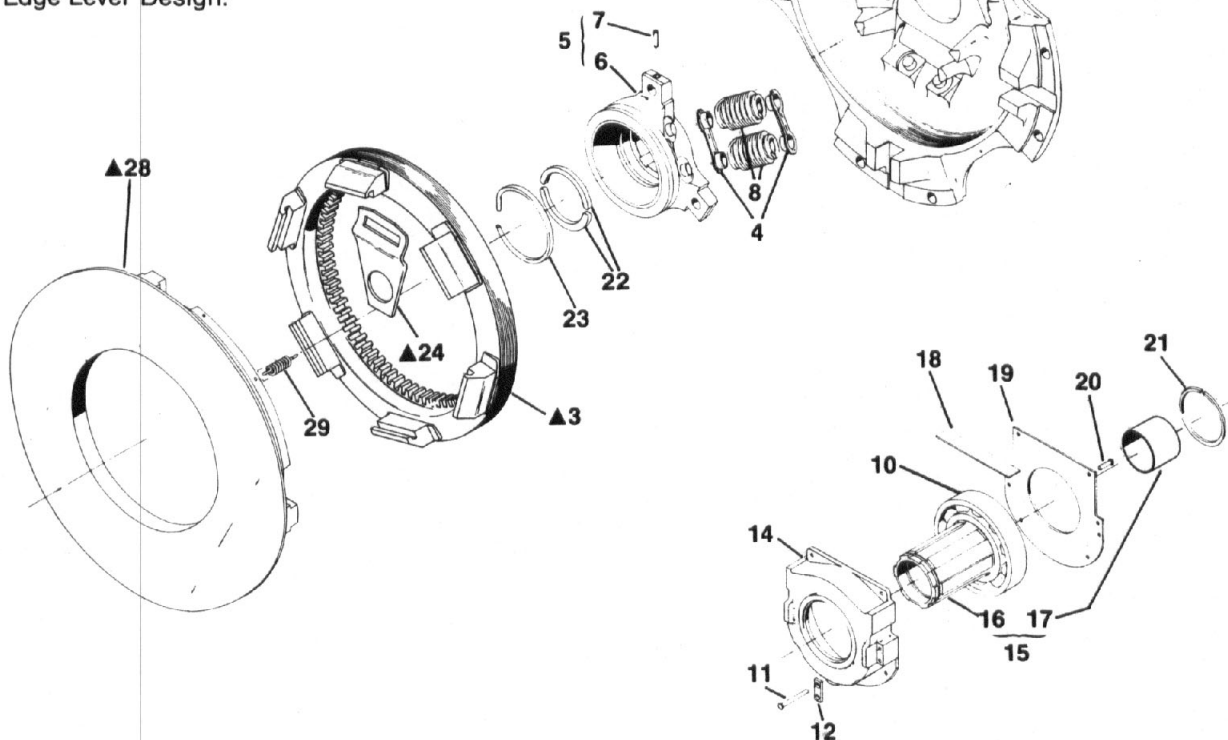
REF. NO.	PART NO.	PART DESCRIPTION	129229-1	129229-2	129229-3	129250-1	129250-2
		Cover Assembly 1 3/4" - 10 Spline.....	1	1	1	—	—
		Cover Assembly 2" - 10 Spline.....	—	—	—	1	1
1	197C-129	Flywheel Ring.....	1	1	1	1	1
2	195C-69	Adjusting Ring.....	1	1	1	1	1
3	178C-6	Pivot - Pressure Spring.....	6	6	6	6	6
4	127928X	Release Sleeve Retainer & Sleeve Spring Assembly 1 3/4" - 10.....	1	1	1	—	—
"	127929X	Release Sleeve Retainer & Sleeve Spring Assembly 2" - 10.....	—	—	—	1	1
5	242C-44	Retainer - Release Sleeve 1 3/4" - 10.....	1	1	1	—	—
"	242C-54	Retainer - Release Sleeve 2" - 10.....	—	—	—	1	1
6	292C-6	Sleeve Spring.....	1	1	1	1	1
7	277C-88	Spring - Pressure (3200#) Plain.....	6	—	—	6	—
"	277C-96	Spring - Pressure (2800#) Red.....	—	6	—	—	6
"	277C-149	Spring - Pressure (2400#) Blue.....	—	—	6	—	—
8	127860X	Release Bearing and Sleeve Assembly 1 3/4" - 10.....	1	1	1	—	—
"	127859X	Release Bearing and Sleeve Assembly 2" - 10.....	—	—	—	1	1
9	550017	Release Bearing.....	1	1	1	1	1
10	500191-19	Rivet - 1/8" x 1 1/2".....	4	4	4	4	4
11	204C-1	Plate - Shifter Yoke Thrust.....	2	2	2	2	2
12	500168-2	Lube Fitting.....	1	1	1	1	1
13	124C-77	Housing - Release Bearing.....	1	1	1	1	1
14	127857X	Release Sleeve and Bushing Assembly 1 3/4" - 10.....	1	1	1	—	—
"	127393X	Release Sleeve and Bushing Assembly 2" - 10.....	—	—	—	1	1
15	110C-203	Release Sleeve 1 3/4" - 10.....	1	1	1	—	—
"	110C-138	Release Sleeve 2" - 10.....	—	—	—	1	1
16	257C-29	Bushing - Release Sleeve 1 3/4" - 10.....	1	1	1	—	—
"	257C-30	Bushing - Release Sleeve 2" - 10.....	—	—	—	1	1
17	189C-9	Spring - Release Bearing.....	1	1	1	1	1
18	203C-7	Cover - Release Bearing.....	1	1	1	1	1
19	500217-11	Rivet - 1/8" x 1 1/16".....	4	4	4	4	4
20	236C-13	Snap Ring.....	—	—	—	1	1
21	236C-8	Ring - Release Sleeve 1 3/4" - 10.....	2	2	2	—	—
"	236C-18	Ring - Release Sleeve 2" - 10.....	—	—	—	2	2
22	236C-20	Snap Ring.....	1	1	1	1	1
23	173C-73	Lever.....	6	6	6	6	6
24	170C-159	Pressure Plate.....	1	1	1	1	1
25	230C-16	Spring - Return.....	4	4	4	4	4
26	127730X	Self Adjusting Assembly.....	1	1	1	1	1
27	500398-6	Screw - 3/8" - 16 x 1 1/16" Hex Head.....	2	2	2	2	2
28	500362-11	Washer 3/8" - External Tooth Lock.....	2	2	2	2	2

SELF ADJUSTER W/SEALED BEARING

Clip and Pin Lever Design.



Knife Edge Lever Design.



▲ IMPORTANT - 14" CLUTCHES ONLY

When Changing From Clip and Pin Lever Design to Knife Edge Lever Design, Replace Levers and Adjusting Ring.

SELF ADJUSTER W/SEALED BEARING

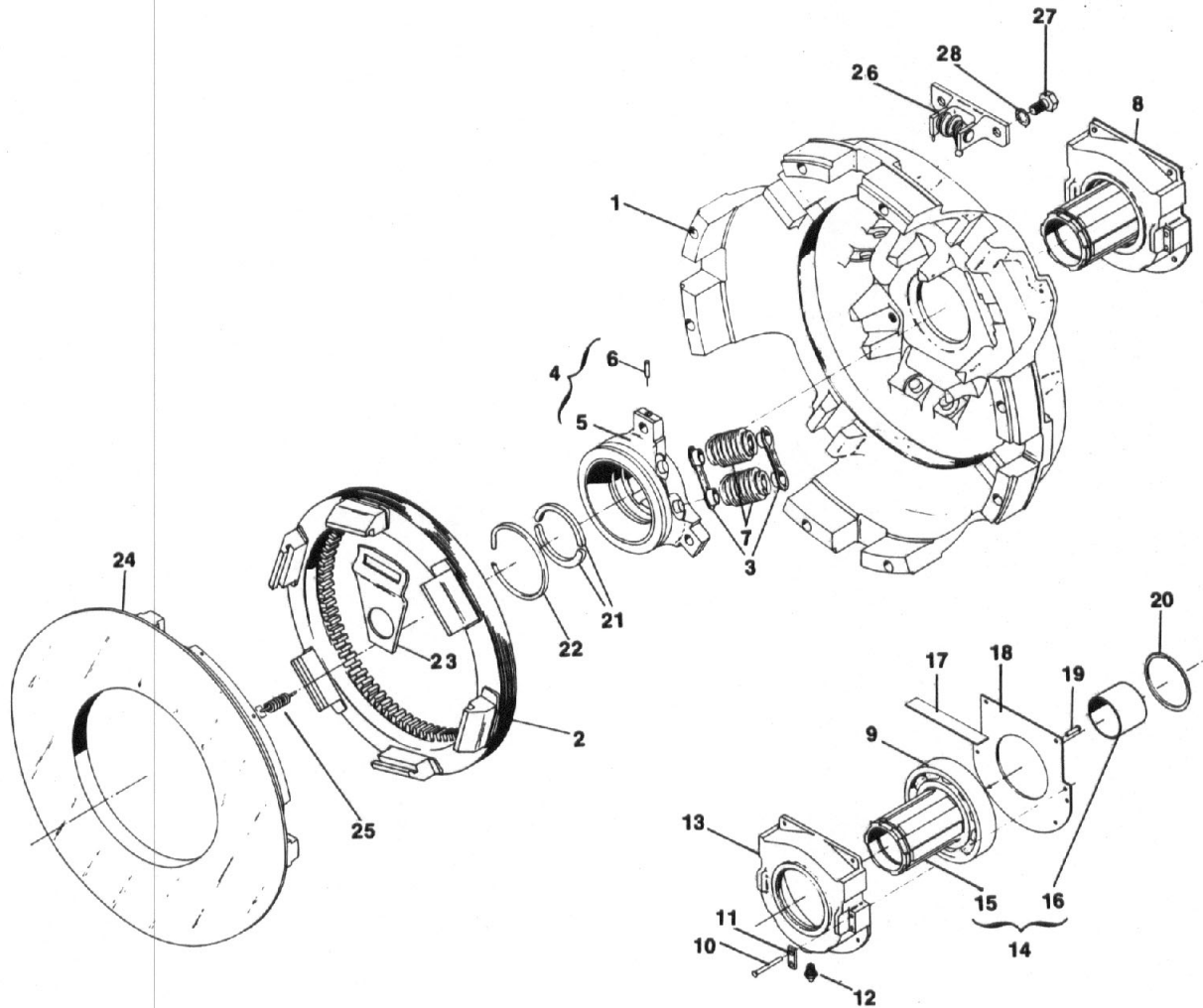
REF. NO.	PART NO.	PART DESCRIPTION	127729-1X	127729-2X	127750-1X	127750-2X
		Cover Assembly - 1 3/4" - 10 Spline	1	1	—	—
		Cover Assembly - 2" - 10 Spline	—	—	1	1
1	197C-129	Flywheel Ring	1	1	1	1
2	195C-52	Adjusting Ring (Clip Design)	1	1	1	1
3	195C-69	Adjusting Ring (Knife Design)	1	1	1	1
4	178C-6	Pivot - Pressure Spring	6	6	6	6
5	127928X	Release Sleeve Retainer & Sleeve Spring Assembly - 1 3/4" - 10	1	1	—	—
"	127929X	Release Sleeve Retainer & Sleeve Spring Assembly - 2" - 10	—	—	1	1
6	242C-44	Retainer - Release Sleeve 1 3/4" - 10	1	1	—	—
"	242C-54	Retainer - Release Sleeve 2" - 10	—	—	1	1
7	292C-6	Sleeve Spring	1	1	1	1
8	277C-88	Spring - Pressure (3200#) Plain	6	—	6	—
"	277C-96	Spring - Pressure (2800#) Red	—	6	—	6
9	127864X	Release Bearing (sealed) and Sleeve Assembly - 1 3/4" - 10	1	1	—	—
"	127865X	Release Bearing (sealed) and Sleeve Assembly - 2" - 10	—	—	1	1
10	570900	Release Bearing	1	1	1	1
11	500191-19	Rivet - 1/8" x 1 1/2"	4	4	4	4
12	204C-1	Plate - Shifter Yoke Thrust	2	2	2	2
13	N.R.	Lube Fitting—Not Required with Sealed Bearing	—	—	—	—
14	124C-80	Housing - Release Bearing	1	1	1	1
15	127857X	Release Sleeve and Bushing Assembly 1 3/4" - 10	1	1	—	—
"	127393X	Release Sleeve and Bushing Assembly 2" - 10	—	—	1	1
16	110C-203	Release Sleeve 1 3/4" - 10	1	1	—	—
"	110C-138	Release Sleeve 2" - 10	—	—	1	1
17	257C-29	Bushing - Release Sleeve 1 3/4" - 10	1	1	—	—
"	257C-30	Bushing - Release Sleeve 2" - 10	—	—	1	1
18	189C-9	Spring - Release Bearing	1	1	1	1
19	203C-7	Cover - Release Bearing	1	1	1	1
20	500217-11	Rivet - 1/8" x 1 1/16"	4	4	4	4
21	236C-13	Snap Ring	—	—	1	1
22	236C-8	Ring - Release Sleeve - 1 3/4" - 10	2	2	—	—
"	236C-18	Ring - Release Sleeve - 2" - 10	—	—	2	2
23	236C-20	Snap Ring	1	1	1	1
24	173C-73	Lever (Knife Design)	6	6	6	6
25	173C-54	Lever (Clip Design)	6	6	6	6
26	107C-3	Clip-Pivot Pin/used with 173C-54	3	3	3	3
27	123C-27	Pin-Pivot used with 173C-54	6	6	6	6
28	170C-159	Pressure Plate	1	1	1	1
29	230C-16	Spring - Return	4	4	4	4
30	127730X	Self Adjusting Assembly	1	1	1	1
31	500398-6	Screw - 3/8" - 16 x 1 1/16" Hex Head	2	2	2	2
32	500362-11	Washer - 3/8" External Tooth Lock	2	2	2	2

•—Knife Edge Lever Design (Current Production).

■—Clip and Pin Lever Design.

SD—Super Duty

SELF ADJUSTER W/GREASEABLE BEARING

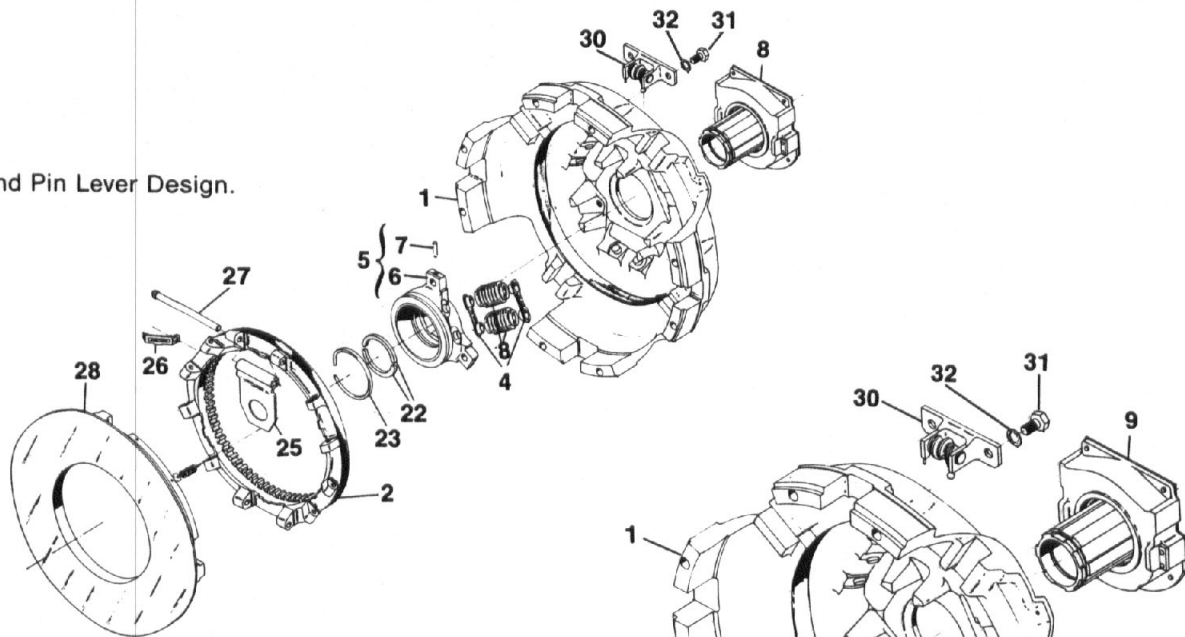


SELF ADJUSTER W/GREASEABLE BEARING

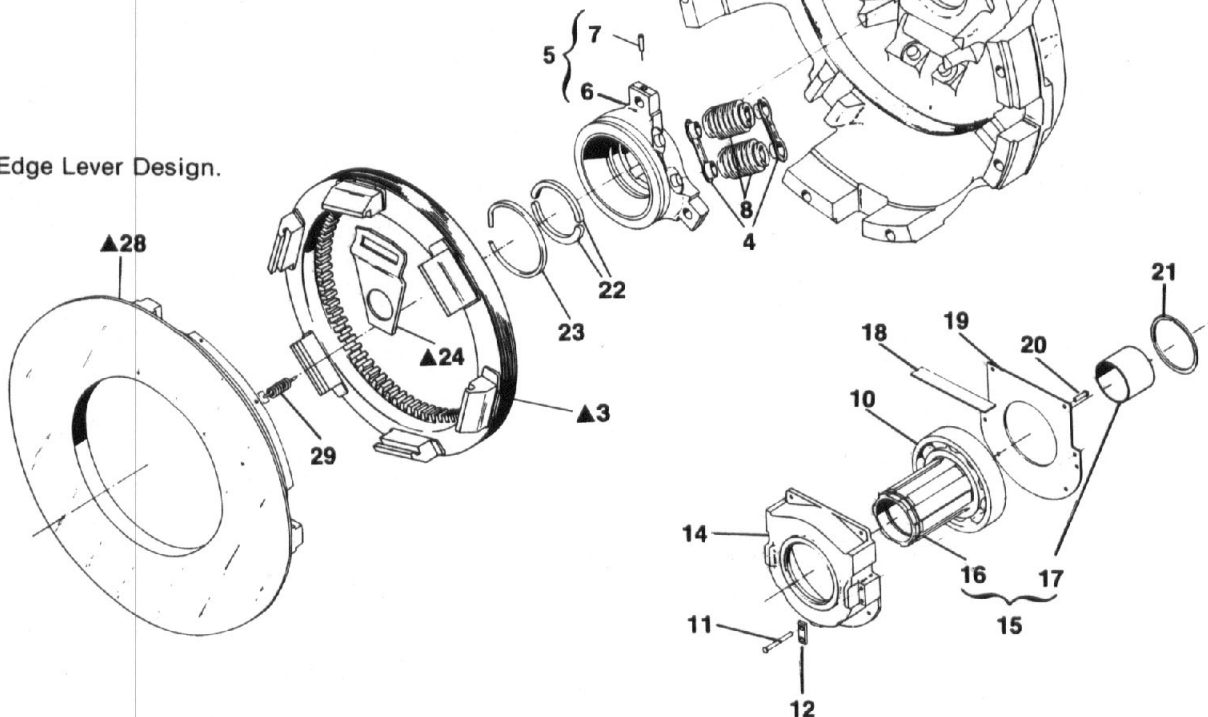
REF. NO.	PART NO.	PART DESCRIPTION	129256-1	129256-2	129290-1	129290-2	129290-4
		Cover Assembly - 1 ¾" - 10 Spline	1	1	—	—	—
		Cover Assembly - 2" - 10 Spline	—	—	1	1	1
1	197C-135	Flywheel Ring	1	1	1	1	1
2	195C-69	Adjusting Ring	1	1	1	1	1
3	178C-6	Pivot - Pressure Spring	1	1	1	1	1
4	127928X	Release Sleeve Retainer and Sleeve Spring Assembly 1 ¾" - 10..	1	1	—	—	—
"	127929X	Release Sleeve Retainer and Sleeve Spring Assembly 2" - 10.....	—	—	1	1	1
5	242C-44	Retainer - release sleeve 1 ¾" - 10.....	1	1	—	—	—
"	242C-54	Retainer - release sleeve 2" - 10.....	—	—	1	1	1
6	292C-6	Sleeve Spring	1	1	1	1	1
7	277C-88	Spring - Pressure (3200#) Plain	6	—	6	—	—
"	277C-96	Spring - Pressure (2800#) Red	—	6	—	6	—
"	277C-216	Spring - Pressure (3600#) Yellow	—	—	—	—	6
8	127860X	Release Bearing and Sleeve Assembly 1 ¾" - 10.....	1	1	—	—	—
"	127859X	Release Bearing and Sleeve Assembly 2" - 10	—	—	1	1	1
9	550017	Release Bearing	1	1	1	1	1
10	500191-19	Rivet - ⅛" x 1 ½"	4	4	4	4	4
11	204C-1	Plate - Shifter Yoke Thrust	2	2	2	2	2
12	500168-2	Lube Fitting	1	1	1	1	1
13	124C-77	Housing - Release Bearing.....	1	1	1	1	1
14	127857X	Release Sleeve and Bushing Assembly 1 ¾" - 10	1	1	—	—	—
"	127393X	Release Sleeve and Bushing Assembly 2" - 10.....	—	—	1	1	1
15	110C-203	Release Sleeve 1 ¾" - 10.....	1	1	—	—	—
"	110C-138	Release Sleeve 2" - 10.....	—	—	1	1	1
16	257C-29	Bushing - release sleeve 1 ¾" - 10.....	1	1	—	—	—
"	257C-30	Bushing - release sleeve 2" - 10	—	—	1	1	1
17	189C-9	Spring - Release Bearing	1	1	1	1	1
18	203C-7	Cover - Release Spring	1	1	1	1	1
19	500217-11	Rivet - ⅛" x 1 ¼"	4	4	4	4	4
20	236C-13	Snap Ring	—	—	1	1	1
21	236C-8	Ring - Release Sleeve 1 ¾" - 10.....	2	2	—	—	—
"	236C-18	Ring - Release Sleeve 2" - 10	—	—	2	2	2
22	236C-20	Snap Ring	1	1	1	1	1
23	173C-73	Lever (Knife Design)	6	6	6	6	6
24	170C-201	Pressure Plate.....	1	1	1	1	1
25	230C-22	Spring - Return	4	4	4	4	4
26	127730X	Self Adjusting Assembly	1	1	1	1	1
27	500398-6	Screw - ⅜" - 16 x 1 ¼" Hex Head	2	2	2	2	2
28	500362-11	Washer - ⅜" External Tooth Lock	2	2	2	2	2

SELF ADJUSTER W/SEALED BEARING

Clip and Pin Lever Design.



Knife Edge Lever Design.



▲ IMPORTANT - 15½" CLUTCHES ONLY

When Changing From Clip and Pin Lever Design To Knife Edge Lever Design, Replace Pressure Plate, Levers and Adjusting Ring With Kit No. 125030X.

SELF ADJUSTER W/SEALED BEARING

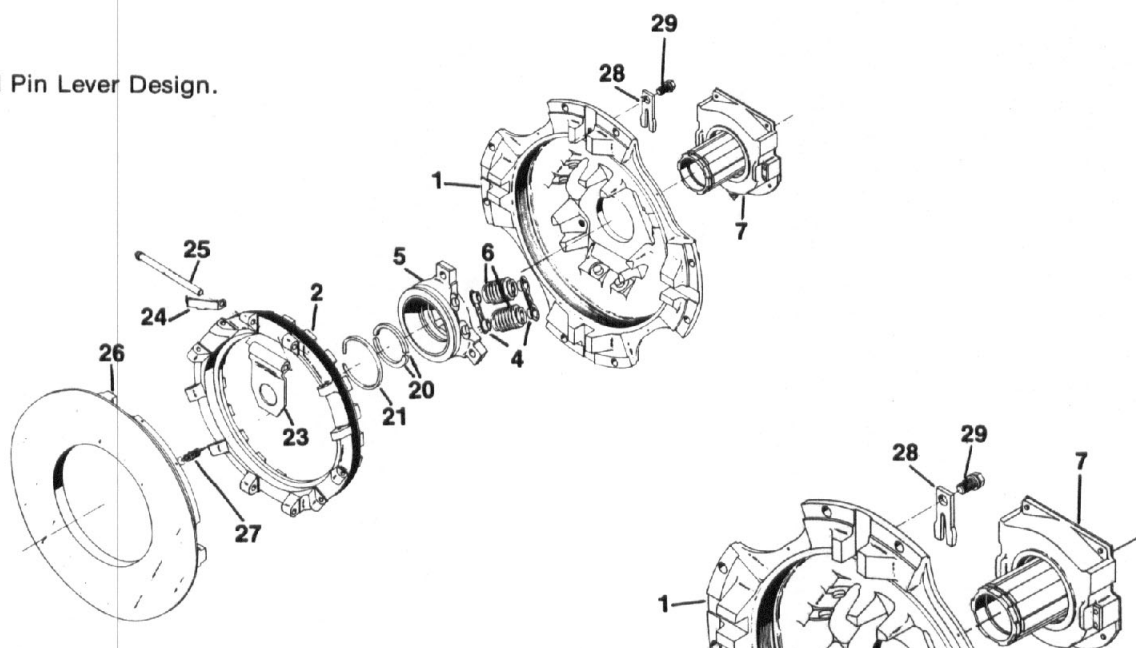
REF. NO.	PART NO.	PART DESCRIPTION	127756-1X	127756-2X	127790-1X	127790-2X	127790-4X
		Cover Assembly - 1 3/4" - 10 Spline	1	1	—	—	—
		Cover Assembly - 2" - 10 Spline	—	—	1	1	1
1	197C-135	Flywheel Ring	1	1	1	1	1
2	195C-52	Adjusting Ring (Clip Design)	1	1	1	1	1
3	195C-69	Adjusting Ring (Knife Design)	1	1	1	1	1
4	178C-6	Pivot - Pressure Spring	6	6	6	6	6
5	127928X	Release Sleeve Retainer and Sleeve Spring Assembly - 1 3/4" - 10	1	1	—	—	—
"	127929X	Release Sleeve Retainer and Sleeve Spring Assembly - 2" - 10	—	—	1	1	1
6	242C-44	Retainer - Release Sleeve 1 3/4" - 10	1	1	—	—	—
"	242C-54	Retainer - Release Sleeve 2" - 10	—	—	1	1	1
7	292C-6	Sleeve Spring	1	1	1	1	1
8	277C-88	Spring - Pressure (3200#) Plain	6	—	6	—	—
"	277C-96	Spring - Pressure (2800#) Red	—	6	—	6	—
"	277C-216	Spring - Pressure (3600#) Yellow	—	—	—	—	6
9	127864X	Release Bearing (sealed) & Sleeve Assembly - 1 3/4" - 10	1	1	—	—	—
"	127865X	Release Bearing (sealed) & Sleeve Assembly - 2" - 10	—	—	1	1	1
10	570900	Release Bearing	1	1	1	1	1
11	500191-19	Rivet - 1/8" x 1 1/2"	4	4	4	4	4
12	204C-1	Plate - Shifter Yoke Thrust	2	2	2	2	2
13	N.R.	Lube Fitting—Not Required with Sealed Bearing	—	—	—	—	—
14	124C-80	Housing - Release Bearing	1	1	1	1	1
15	127857X	Release Sleeve and Bushing Assembly - 1 3/4" - 10	1	1	—	—	—
"	127393X	Release Sleeve and Bushing Assembly - 2" - 10	—	—	1	1	1
16	110C-203	Release Sleeve 1 3/4" - 10	1	1	—	—	—
"	110C-138	Release Sleeve 2" - 10	—	—	1	1	1
17	257C-29	Bushing - Release Sleeve 1 3/4" - 10	1	1	—	—	—
"	257C-30	Bushing - Release Sleeve 2" - 10	—	—	1	1	1
18	189C-9	Spring - Release Bearing	1	1	1	1	1
19	203C-7	Cover - Release Bearing	1	1	1	1	1
20	500217-11	Rivet - 1/8" x 1 1/16"	4	4	4	4	4
21	236C-13	Snap Ring	—	—	1	1	1
22	236C-8	Ring - Release Sleeve - 1 3/4" - 10	2	2	—	—	—
"	236C-18	Ring - Release Sleeve - 2" - 10	—	—	2	2	2
23	236C-20	Snap Ring	1	1	1	1	1
24	173C-73	Lever - (Knife Design)	6	6	6	6	6
25	173C-54	Lever - (Clip Design)	6	6	6	6	6
26	107C-3	Clip-Pivot Pin/use with 173C-54	3	3	3	3	3
27	123C-27	Pin-Pivot/use with 173C-54	6	6	6	6	6
28	170C-201	Pressure Plate	1	1	1	1	1
29	230C-22	Spring-Return	4	4	4	4	4
30	127730X	Self Adjusting Assembly	1	1	1	1	1
31	500398-6	Screw - 3/8" - 16 x 1 1/16" Hex Head	2	2	2	2	2
32	500362-11	Washer - 3/8" External Tooth Lock	2	2	2	2	2

●—Knife Edge Lever Design (Current Production).

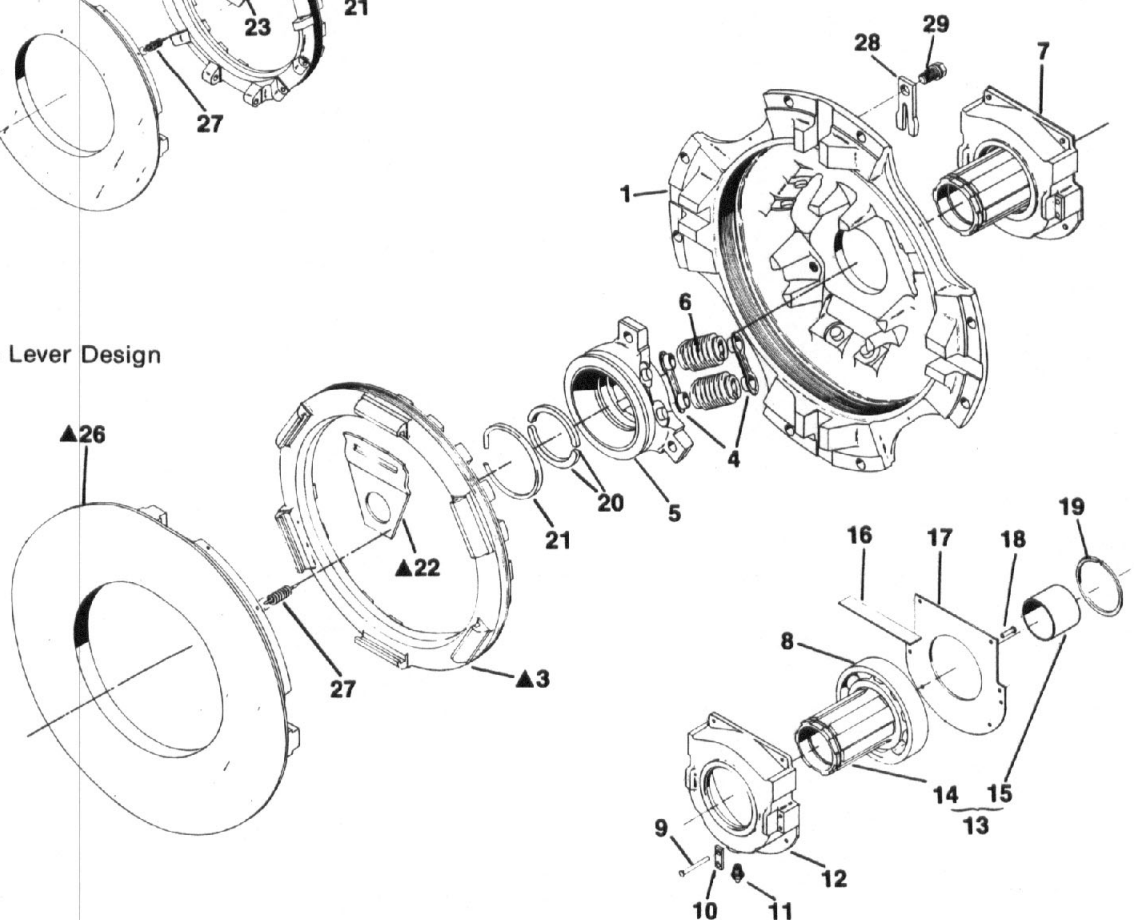
■—Clip and Pin Lever Design.

MANUAL W/GREASEABLE BEARING

Clip and Pin Lever Design.



Knife Edge Lever Design



▲IMPORTANT - 14" CLUTCHES ONLY

When Changing From Clip and Pin Lever Design to Knife Edge Lever Design, Replace Levers and Adjusting Ring.

COVER ASSEMBLIES

14" SINGLE AND
TWO PLATE

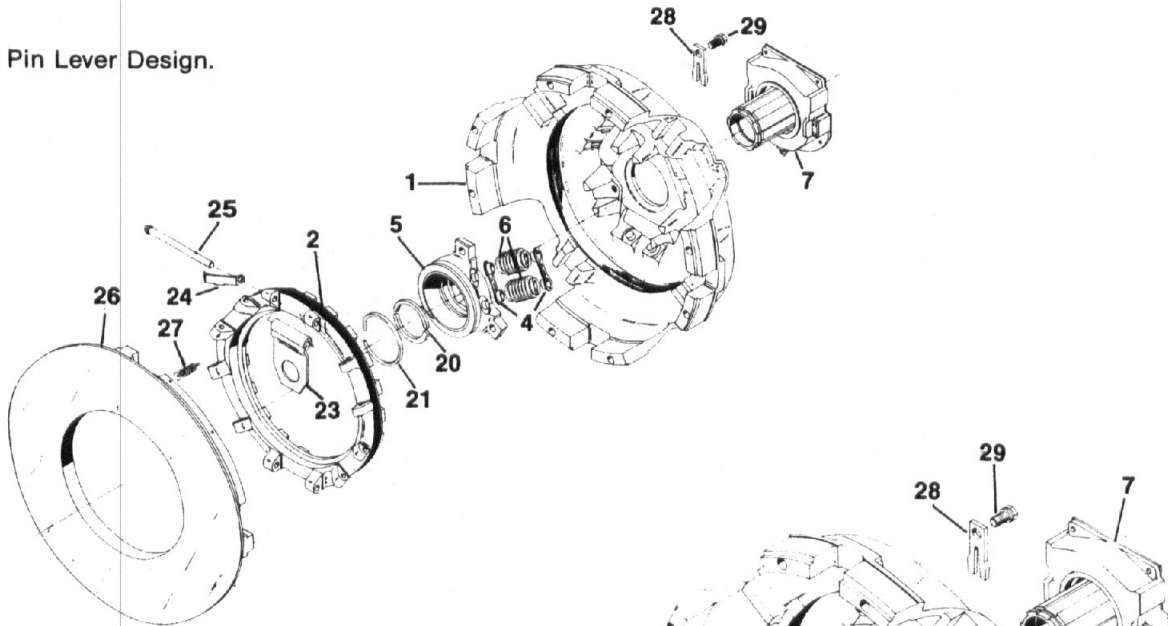
MANUAL W/GREASEABLE BEARING

REF. NO.	PART NO.	PART DESCRIPTION	127401-1X	127400-1X	127400-2X	127400-3X	127390-1X	127390-2X
		Cover Assembly - 1 1/2" - 10 Spline	1	—	—	—	—	—
		Cover Assembly - 1 3/4" - 10 Spline	—	1	1	1	—	—
		Cover Assembly - 2" - 10 Spline	—	—	—	—	1	1
1	197C-78	Flywheel Ring	1	1	1	1	1	1
2	195C-21	Adjusting Ring (Clip Design)	1	1	1	1	1	1
3	195C-62	Adjusting Ring (Knife Design)	1	1	1	1	1	1
4	178C-6	Pivot-Pressure Spring	6	6	6	6	6	6
5	242C-32	Retainer - Release Sleeve 1 1/2" or 1 3/4" - 10	1	1	1	1	—	—
"	242C-34	Retainer - Release Sleeve 2" - 10	—	—	—	—	1	1
6	277C-88	Spring - Pressure (3200#) Plain	6	6	—	—	6	—
"	277C-96	Spring - Pressure (2800#) Red	—	—	6	—	—	6
"	277C-149	Spring - Pressure (2400#) Blue	—	—	—	6	—	—
7	127861X	Release Bearing and Sleeve Assembly - 1 1/2" - 10	1	—	—	—	—	—
"	127860X	Release Bearing and Sleeve Assembly - 1 3/4" - 10	—	1	1	1	—	—
"	127859X	Release Bearing and Sleeve Assembly - 2" - 10	—	—	—	—	1	1
8	550017	Release Bearing	1	1	1	1	1	1
9	500191-19	Rivet - 1/8" x 1 1/2"	4	4	4	4	4	4
10	204C-1	Plate - Shifter Yoke Thrust	2	2	2	2	2	2
11	500168-2	Lube Fitting - 1/8" - 27 x 9/32"	1	1	1	1	1	1
12	124C-77	Housing - Release Bearing	1	1	1	1	1	1
13	127858X	Release Sleeve and Bushing Assembly 1 1/2" - 10	1	—	—	—	—	—
"	127857X	Release Sleeve and Bushing Assembly 1 3/4" - 10	—	1	1	1	—	—
"	127393X	Release Sleeve and Bushing Assembly 2" - 10	—	—	—	—	1	1
14	110C-205	Release Sleeve 1 1/2" - 10	1	—	—	—	—	—
"	110C-203	Release Sleeve 1 3/4" - 10	—	1	1	1	—	—
"	110C-138	Release Sleeve 2" - 10	—	—	—	—	1	1
15	257C-4	Bushing - Release Sleeve 1 1/2" - 10	1	—	—	—	—	—
"	257C-29	Bushing - Release Sleeve 1 3/4" - 10	—	1	1	1	—	—
"	257C-30	Bushing - Release Sleeve 2" - 10	—	—	—	—	1	1
16	189C-9	Spring - Release Bearing	1	1	1	1	1	1
17	203C-7	Cover - Release Bearing	1	1	1	1	1	1
18	500217-11	Rivet - 1/8" x 1 1/16"	4	4	4	4	4	4
19	236C-13	Snap Ring	—	—	—	—	1	1
20	236C-8	Ring - Release Sleeve - 1 1/2" or 1 3/4" - 10	2	2	2	2	—	—
"	236C-18	Ring - Release Sleeve - 2" - 10	—	—	—	—	2	2
21	236C-20	Snap Ring	1	1	1	1	1	1
22	173C-73	Lever (Knife Design)	6	6	6	6	6	6
23	173C-54	Lever (Clip Design)	6	6	6	6	6	6
24	107C-3	Clip-Pivot Pin/use with 173C-54	3	3	3	3	3	3
25	123C-27	Pin-Pivot/use with 173C-54	6	6	6	6	6	6
26	170C-159	Pressure Plate	1	1	1	1	1	1
27	230C-16	Spring-Return	4	4	4	4	4	4
28	198C-11	Lock - Adjusting Ring	1	1	1	1	1	1
29	151C-3	Bolt w/Lockwasher	1	1	1	1	1	1

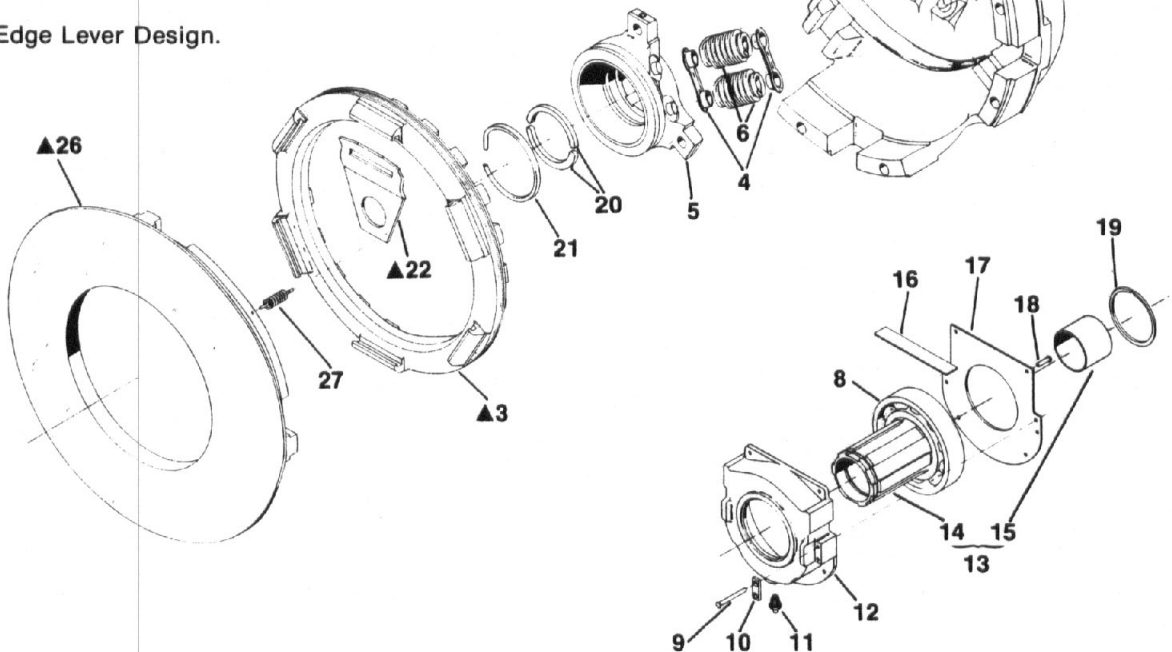
- Knife Edge Lever Design (Current Production)
- Clip and Pin Lever Design
- SD—Super Duty

MANUAL W/GREASEABLE BEARING

Clip and Pin Lever Design.



Knife Edge Lever Design.

**▲IMPORTANT - 15½" CLUTCHES ONLY**

When Changing From Clip and Pin Lever Design to Knife Edge Lever Design, Replace Pressure Plate, Levers, and Adjusting Ring with Kit No. 125029X.

MANUAL W/GREASEABLE BEARING

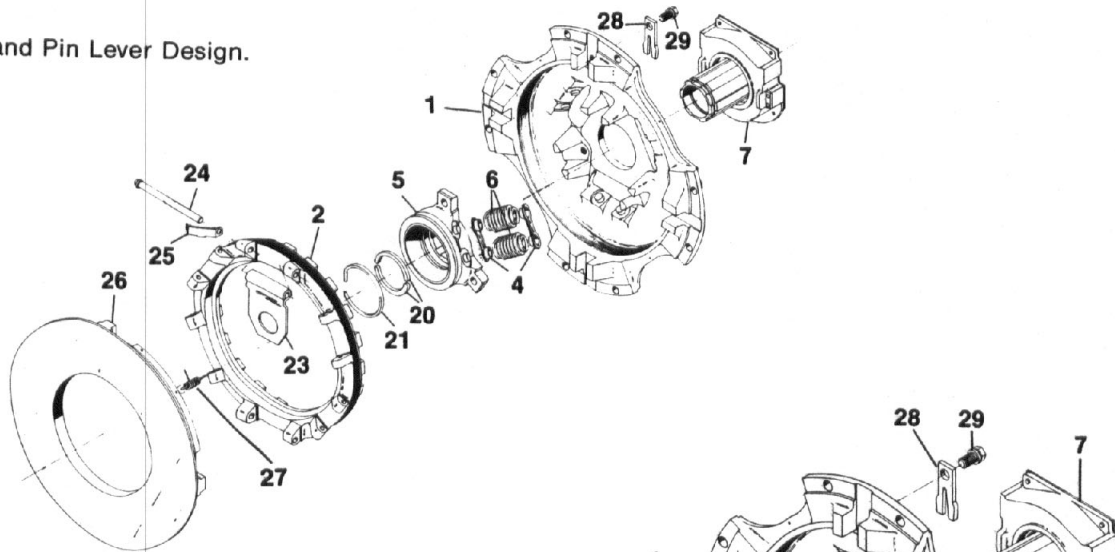
REF. NO.	PART NO.	PART DESCRIPTION	127476-1X	127476-2X	127476-4X	127597-1X	127597-2X	127597-4X
		Cover Assembly - 1 ¾" - 10 Spline	1	1	—	—	—	—
		Cover Assembly - 2" - 10 Spline	—	—	—	1	1	1
1	197C-85	Flywheel Ring	1	1	1	1	1	1
■2	195C-21	Adjusting Ring (Clip Design)	1	1	1	1	1	1
•3	195C-62	Adjusting Ring (Knife Design)	1	1	1	1	1	1
4	178C-6	Pivot - Pressure Spring	6	6	6	6	6	6
5	242C-32	Release Sleeve Retainer - 1 ¾" - 10	1	1	1	—	—	—
"	242C-34	Release Sleeve Retainer - 2" - 10	—	—	—	1	1	1
6	277C-88	Spring - Pressure (3200#) Plain	6	—	—	6	—	—
"	277C-96	Spring - Pressure (2800#) Red	—	6	—	—	6	—
"	277C-216	Spring - Pressure (3600#) Yellow	—	—	6	—	—	6
7	127860X	Release Bearing and Sleeve Assembly - 1 ¾" - 10	1	1	1	—	—	—
"	127859X	Release Bearing and Sleeve Assembly - 2" - 10	—	—	—	1	1	1
8	550017	Release Bearing	1	1	1	1	1	1
9	500191-19	Rivet - ⅛" x 1 ½"	4	4	4	4	4	4
10	204C-1	Plate - Shifter Yoke Thrust	2	2	2	2	2	2
11	500168-2	Lube Fitting - ⅛" - 27 x 9/32"	1	1	1	1	1	1
12	124C-77	Housing - Release Bearing	1	1	1	1	1	1
13	127857X	Release Sleeve and Bushing Assembly 1 ¾" - 10	1	1	1	—	—	—
"	127393X	Release Sleeve and Bushing Assembly 2" - 10	—	—	—	1	1	1
14	110C-203	Release Sleeve 1 ¾" - 10	1	1	1	—	—	—
"	110C-138	Release Sleeve 2" - 10	—	—	—	1	1	1
15	257C-29	Bushing - release sleeve 1 ¾" - 10	1	1	1	—	—	—
"	257C-30	Bushing - release sleeve 2" - 10	—	—	—	1	1	1
16	189C-9	Spring - Release Bearing	1	1	1	1	1	1
17	203C-7	Cover - Release Bearing	1	1	1	1	1	1
18	500217-11	Rivet - ⅛" x 1 ½"	4	4	4	4	4	4
19	236C-13	Snap Ring	—	—	—	1	1	1
20	236C-8	Ring - Release Sleeve - 1 ¾" - 10	2	2	2	—	—	—
"	236C-18	Ring - Release Sleeve - 2" - 10	—	—	—	2	2	2
21	236C-20	Snap Ring	1	1	1	1	1	1
•22	173C-73	Lever (Knife Design)	6	6	6	6	6	6
■23	173C-54	Lever (Clip Design)	6	6	6	6	6	6
■24	107C-3	Clip-Pivot Pin/use with 173C-54	3	3	3	3	3	3
■25	123C-27	Pin-Pivot/use with 173C-54	6	6	6	6	6	6
26	170C-201	Pressure Plate	1	1	1	1	1	1
27	230C-22	Spring - Return	4	4	4	4	4	4
28	198C-11	Lock-Adjusting Ring	1	1	1	1	1	1
29	151C-3	Bolt w/Lockwasher	1	1	1	1	1	1

•—Knife Edge Lever Design (Current Production).

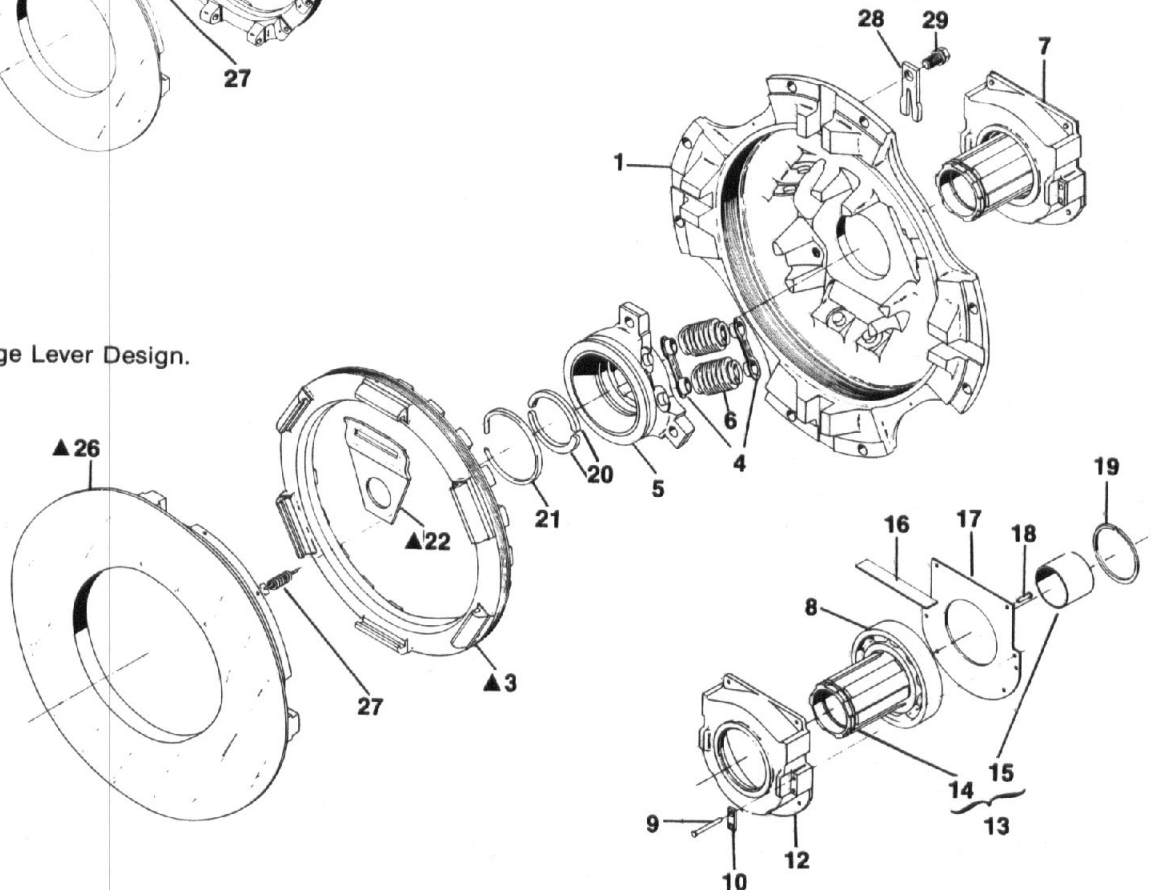
■—Clip and Pin Lever Design.

MANUAL W/SEALED BEARING

Clip and Pin Lever Design.



Knife Edge Lever Design.

**▲IMPORTANT - 14" CLUTCHES ONLY**

When Changing from Clip and Pin Lever Design to Knife Edge Lever Design, Replace Levers and Adjusting Ring.

MANUAL W/SEALED BEARING

REF. NO.	PART NO.	PART DESCRIPTION	129400-1X	129390-2X
		Cover Assembly - 1 3/4" - 10 Spline	1	—
		Cover Assembly - 2" - 10 Spline	—	1
1	197C-78	Flywheel Ring	1	1
■2	195C-21	Adjusting Ring (Clip Design)	1	1
•3	195C-62	Adjusting Ring (Knife Design)	1	1
4	178C-6	Pivot-Pressure Spring	6	6
5	242C-32	Retainer - Release Sleeve - 1 3/4" - 10	1	—
"	242C-34	Retainer - Release Sleeve - 2" - 10	—	1
6	277C-88	Spring - Pressure (3200#) Plain	6	—
"	277C-96	Spring - Pressure (2800#) Red	—	6
7	127864X	Release Bearing (sealed) and Sleeve Assembly - 1 3/4" - 10	1	—
"	127865X	Release Bearing (sealed) and Sleeve Assembly - 2" - 10	—	1
8	570900	Release Bearing	1	1
9	500191-19	Rivet - 1/8" x 1 1/2"	4	4
10	204C-1	Plate - Shifter Yoke Thrust	2	2
11	N.R.	Lube Fitting—Not Required with Sealed Bearing	—	—
12	124C-80	Housing - Release Bearing	1	1
13	127857X	Release Sleeve and Bushing Assembly 1 3/4" - 10	1	—
"	127393X	Release Sleeve and Bushing Assembly 2" - 10	—	1
14	110C-203	Release Sleeve 1 3/4" - 10	1	—
"	110C-138	Release Sleeve 2" - 10	—	1
15	257C-29	Bushing - Release Sleeve 1 3/4" - 10	1	—
"	257C-30	Bushing - Release Sleeve 2" - 10	—	1
16	189C-9	Spring - Release Bearing	1	1
17	203C-7	Cover - Release Bearing	1	1
18	500217-11	Rivet - 1/8" x 1 1/16"	4	4
19	236C-13	Snap Ring	—	1
20	236C-8	Ring - Release Sleeve - 1 3/4" - 10	2	—
"	236C-18	Ring - Release Sleeve - 2" - 10	—	2
21	236C-20	Snap Ring	1	1
•22	173C-73	Lever (Knife Design)	6	6
■23	173C-54	Lever (Clip Design)	6	6
■24	107C-3	Clip-Pivot Pin/use with 173C-54	3	3
■25	123C-27	Pin-Pivot/use with 173C-54	6	6
26	170C-159	Pressure Plate	1	1
27	230C-16	Spring - Return	4	4
28	198C-11	Lock - Adjusting Ring	1	1
29	151C-3	Bolt w/Lockwasher	1	1

•—Knife Edge Lever Design (Current Production).

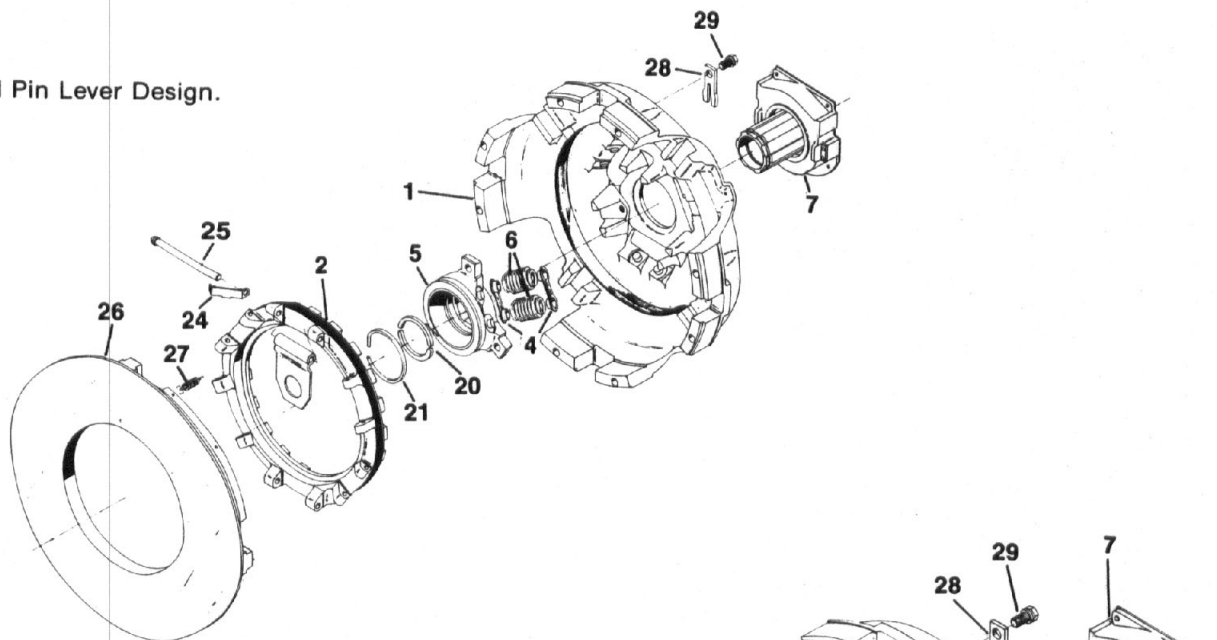
■—Clip and Pin Lever Design

SD—Super Duty

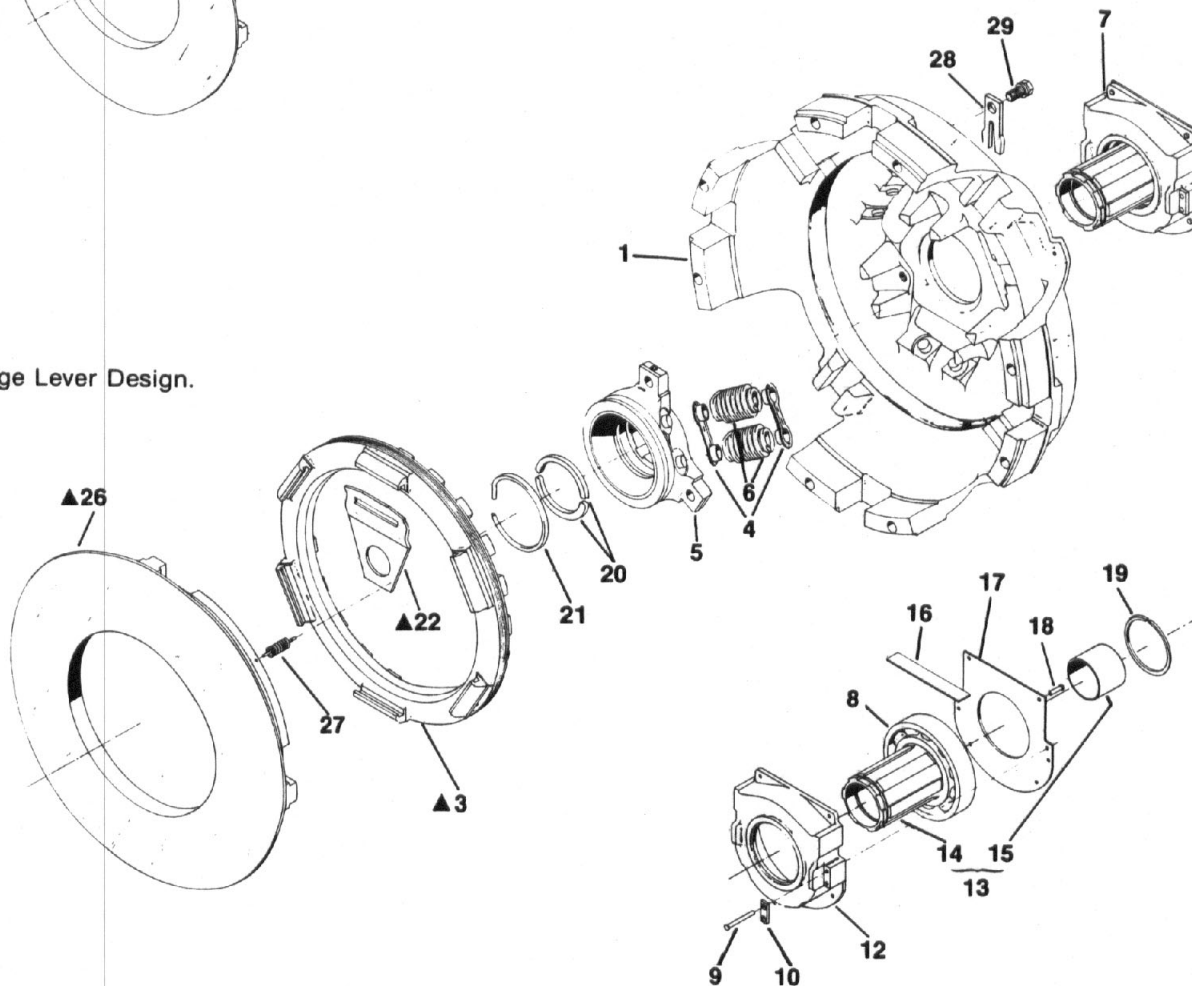


MANUAL W/SEALED BEARING

Clip and Pin Lever Design.



Knife Edge Lever Design.

**▲IMPORTANT - 15½" CLUTCHES ONLY**

When Changing From Clip and Pin Lever Design to Knife Edge Lever Design, Replace Pressure Plate, Levers and Adjusting Ring with Kit No. 125029X.

MANUAL W/SEALED BEARING

REF. NO.	PART NO.	PART DESCRIPTION	129597-1X	129597-4X
1	197C-85	Cover Assembly - 2" - 10 Spline.....	1	1
■2	195C-21	Flywheel Ring.....	1	1
•3	195C-62	Adjusting Ring (Clip Design).....	1	1
		Adjusting Ring (Knife Design).....	1	1
4	178C-6	Pivot - Pressure Spring.....	6	6
5	242C-34	Release Sleeve Retainer.....	1	1
6	277C-88	Spring - Pressure (3200#) Plain.....	6	—
"	277C-216	Spring - Pressure (3600#) Yellow.....	—	6
7	127865X	Release Bearing (sealed) and Sleeve Assembly.....	1	1
8	570900	Release Bearing.....	1	1
9	500191-19	Rivet - ⅛" x 1 ½".....	4	4
10	204C-1	Plate - Shifter Yoke Thrust.....	2	2
11	N.R.	Lube Fitting—Not Required with Sealed Bearing.....	—	—
12	124C-80	Housing - Release Bearing.....	1	1
13	127393X	Release Sleeve and Bushing Assembly.....	1	1
14	110C-138	Release Sleeve.....	1	1
15	257C-30	Bushing - Release Sleeve.....	1	1
16	189C-9	Spring - Release Bearing.....	1	1
17	203C-7	Cover - Release Bearing.....	1	1
18	500217-11	Rivet - ⅛" x 1 ⅛".....	4	4
19	236C-13	Snap Ring.....	1	1
20	236C-18	Ring - Release Sleeve.....	2	2
21	236C-20	Snap Ring.....	1	1
•22	173C-73	Lever (Knife Design).....	6	6
■23	173C-54	Lever (Clip Design).....	6	6
■24	107C-3	Clip - Pivot Pin/use with 173C-54.....	3	3
■25	123C-27	Pin - Pivot/use with 173C-54.....	6	6
26	170C-201	Pressure Plate.....	1	1
27	230C-22	Spring - Return.....	4	4
28	198C-11	Lock - Adjusting Ring.....	1	1
29	151C-3	Bolt w/Lockwasher.....	1	1

•—Knife Edge Lever Design (Current Production)

■—Clip and Pin Lever Design

DRIVEN DISC ASSEMBLIES



Fig. 1

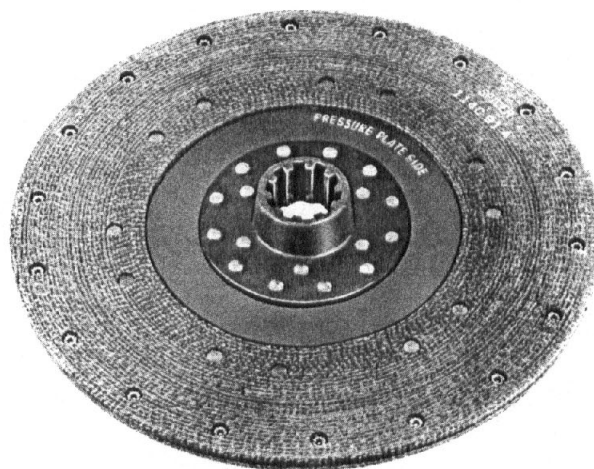


Fig. 2

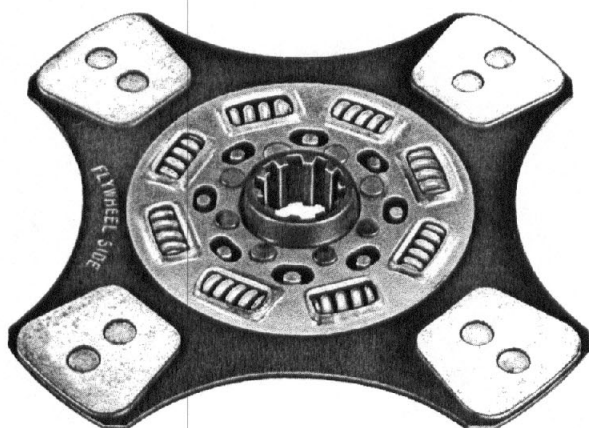


Fig. 3

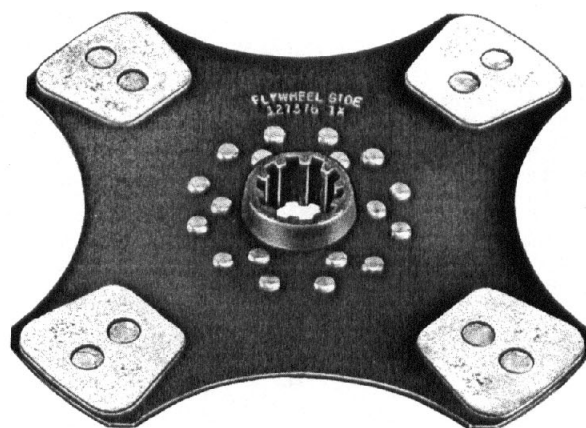


Fig. 4

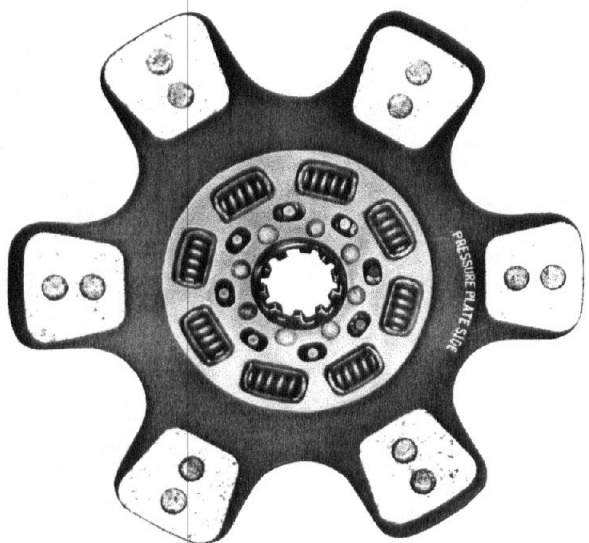


Fig. 5

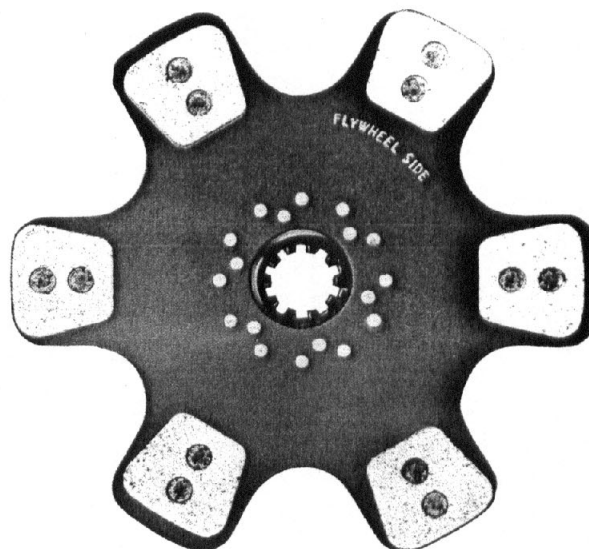


Fig. 6

DRIVEN DISC ASSEMBLIES

DRIVEN DISC		Fig.	DISC				HUB			
Part Number	Type		Facing	Part No.	Thickness	Part Number	Length of Spline Hole	RIVET		
								Part No.	Qty.	
1½"-10 SPLINE										
14" (13.75") Single Plate										
127484-1X	1	DAMPER	RAF	114C-91	.428/.463	166C-449	1.438	500182-13	8	
127926-1X	3	DAMPER	RCF	n.s.s.	.442	166C-449	1.438	500182-13	8	
1¾"-10 SPLINE										
14" (13.75") Front Disc										
127047X	2	RIGID	RAF	114C-91	.428/.463	166C-125	1.375	500221-8	18	
127376-1X	4	RIGID	RCF	n.s.s.	.442	166C-125	1.375	500221-8	18	
•128095-1	1	DAMPER	RAF	114C-91	.428/.463	166C-797	1.438	500182-13	8	
•128095-4	1	DAMPER	RAF	114C-91-4	.428/.463	166C-797	1.438	500182-13	8	
•128099-1	3	DAMPER	RCF	n.s.s.	.442	166C-797	1.438	500182-13	8	
128124-1	1	DAMPER	RAF	114C-91	.428/.463	166C-787	1.438	500182-13	8	
128124-4	1	DAMPER	RAF	114C-91-4	.428/.463	166C-787	1.438	500182-13	8	
128128-1	3	DAMPER	RCF	n.s.s.	.442	166C-787	1.438	500182-13	8	
15½" (15.25") Front Disc										
127801-1X	2	RIGID	RAF	114C-88	.452/.489	166C-125	1.375	500221-9	18	
127801-2X	2	RIGID	RAF	114C-88-3	.452/.489	166C-125	1.375	500221-9	18	
127803-1X	6	RIGID	RCF	n.s.s.	.463	166C-125	1.375	500221-9	18	
•128091-1	1	DAMPER	RAF	114C-88	.452/.489	166C-797	1.438	500221-8	18	
•128093-1	5	DAMPER	RCF	n.s.s.	.463	166C-797	1.438	500182-13	8	
128136-1	1	DAMPER	RAF	114C-88	.452/.489	166C-787	1.438	500182-13	8	
128140-1	5	DAMPER	RCF	n.s.s.	.463	166C-787	1.438	500182-13	8	
14" (13.75") Rear Disc										
127048X	2	RIGID	RAF	114C-91	.428/.463	166C-124	1.375	500221-9	18	
127377-1X	4	RIGID	RCF	n.s.s	.442	166C-124	1.375	500221-9	18	
•128096-1	1	DAMPER	RAF	114C-91	.428/.463	166C-798	1.438	500182-13	8	
•128096-4	1	DAMPER	RAF	114C-91-4	.428/.463	166C-798	1.438	500182-13	8	
•128100-1	3	DAMPER	RCF	n.s.s.	.442	166C-798	1.438	500182-13	8	
128125-1	1	DAMPER	RAF	114C-91	.428/.463	166C-785	1.438	500182-13	8	
128125-4	1	DAMPER	RAF	114C-91-4	.428/.463	166C-785	1.438	500182-13	8	
128129-1	3	DAMPER	RCF	n.s.s.	.442	166C-785	1.438	500182-13	8	
15½" (15.25") Rear Disc										
127802-1X	2	RIGID	RAF	114C-88	.452/.489	166C-518	1.375	500221-9	18	
127802-2X	2	RIGID	RAF	114C-88-3	.452/.489	166C-518	1.375	500221-9	18	
127804-1X	6	RIGID	RCF	n.s.s.	.463	166C-518	1.375	500221-9	18	
•128092-1	1	DAMPER	RAF	114C-88	.452/.489	166C-798	1.438	500182-13	8	
•128094-1	5	DAMPER	RCF	n.s.s.	.463	166C-798	1.438	500182-13	8	
128137-1	1	DAMPER	RAF	114C-88	.452/.489	166C-785	1.438	500182-13	8	
128141-1	5	DAMPER	RCF	n.s.s.	.463	166C-785	1.438	500182-13	8	

RAF-Riveted Asbestos Facing

RCF-Riveted Ceramic Facing

n.s.s.-Not Sold Separately

• — Coaxial Design Driven Disc

Driven Disc Assemblies

DRIVEN DISC ASSEMBLIES

DRIVEN DISC		Fig.	DISC				HUB		
Part Number	Type		Facing	Part No.	Thickness	Part Number	Length of Spline Hole	RIVET	
								Part No.	Qty.
2"-10 SPLINE									
14" (13.75") Front Disc									
127242X	2	RIGID	RAF	114C-91	.428/.463	166C-243	1.375	500221-9	18
127384-1X	4	RIGID	RCF	n.s.s.	.442	166C-243	1.375	500221-9	18
•128097-1	1	DAMPER	RAF	114C-91	.428/.463	166C-789	1.438	500182-13	8
•128097-3	1	DAMPER	RAF	114C-91-4	.428/.463	166C-789	1.438	500182-13	8
•128101-1	3	DAMPER	RCF	n.s.s.	.442	166C-789	1.438	500182-13	8
128126-1	1	DAMPER	RAF	114C-91	.428/.463	166C-777	1.438	500182-13	8
128126-3	1	DAMPER	RAF	114C-91-4	.428/.463	166C-777	1.438	500182-13	8
128130-1	3	DAMPER	RCF	n.s.s.	.442	166C-777	1.438	500182-13	8
15½" (15.25") Front Disc									
127813-1X	2	RIGID	RAF	114C-88	.452/.489	166C-243	1.375	500221-9	18
•128049-1	5	DAMPER	RCF	n.s.s.	.463	166C-789	1.438	500182-13	8
•128060-1	1	DAMPER	RAF	114C-88	.452/.489	166C-789	1.438	500182-13	8
128067-1	6	RIGID	RCF	n.s.s.	.463	166C-769	1.375	500221-9	18
128138-1	1	DAMPER	RAF	114C-88	.452/.489	166C-777	1.438	500182-13	8
128138-2	1	DAMPER	RAF	114C-88-3	.452/.489	166C-777	1.438	500182-13	8
128142-1	5	DAMPER	RCF	n.s.s.	.463	166C-777	1.438	500182-13	8
14" (13.75") Rear Disc and Single Plate									
127243X	2	RIGID	RAF	114C-91	.428/.463	166C-244	1.375	500221-9	18
127385-1X	4	RIGID	RCF	n.s.s.	.442	166C-244	1.375	500221-9	18
127535-1X	4	RIGID	RCF	n.s.s.	.442	166C-244	1.375	500221-9	18
•128098-1	1	DAMPER	RAF	114C-91	.428/.463	166C-795	1.438	500182-13	8
•128098-3	1	DAMPER	RAF	114C-91-4	.428/.468	166C-795	1.438	500182-13	8
•128102-1	3	DAMPER	RCF	n.s.s.	.442	166C-795	1.438	500182-13	8
128127-1	1	DAMPER	RAF	114C-91	.428/.463	166C-783	1.438	500182-13	8
128127-3	1	DAMPER	RAF	114C-91-4	.428/.463	166C-783	1.438	500182-13	8
128131-1	3	DAMPER	RCF	n.s.s.	.442	166C-783	1.438	500182-13	8
15½" (15.25") Rear Disc									
127814-1X	2	RIGID	RAF	114C-88	.452/.489	166C-519	1.375	500221-9	18
•128050-1	5	DAMPER	RCF	n.s.s.	.463	166C-795	1.438	500182-13	8
•128061-1	1	DAMPER	RAF	114C-88	.452/.489	166C-795	1.438	500182-13	8
128068-1	6	RIGID	RCF	n.s.s.	.463	166C-770	1.375	500221-9	18
128139-1	1	DAMPER	RAF	114C-88	.452/.489	166C-783	1.438	500182-13	8
128139-2	1	DAMPER	RAF	114C-88-3	.452/.489	166C-783	1.438	500182-13	8
128143-1	5	DAMPER	RCF	n.s.s.	.463	166C-783	1.438	500182-13	8

RAF-Riveted Asbestos Facing

RCF-Riveted Ceramic Facing

n.s.s.-Not Sold Separately

• — Coaxial Design Driven Disc

DRIVEN DISC ASSEMBLIES

SUPER DUTY CLUTCHES

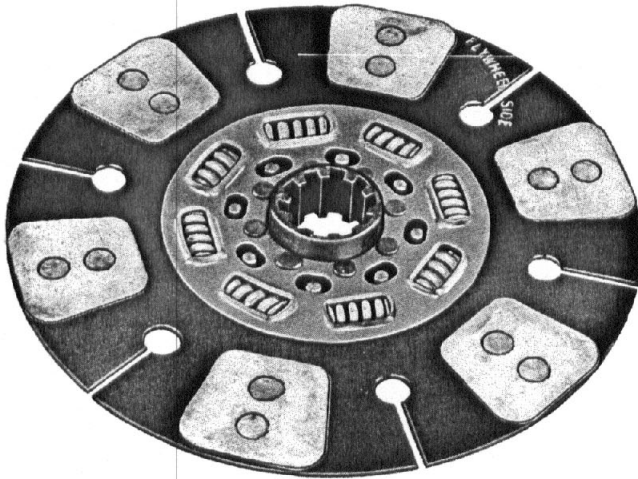


Fig. 7

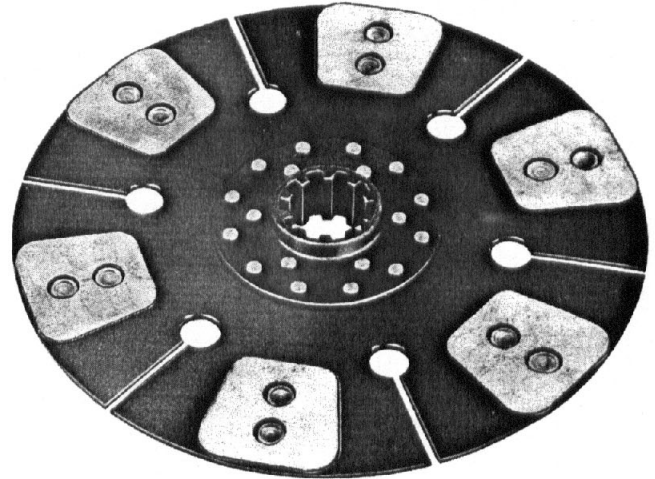


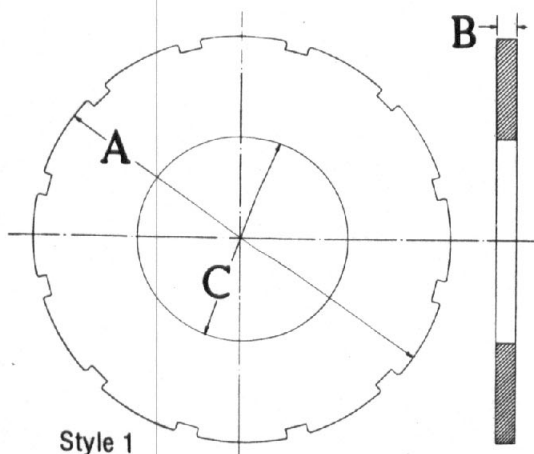
Fig. 8

DRIVEN DISC		DISC			HUB			
Part Number	Fig.	Type	Facing	Thickness	Part Number	Length of Spline Hole	RIVET	
							Part No.	Qty.
1 3/4" - 10 SPLINE - Super Duty								
14" (13.75") Front Disc								
127504-1X	8	RIGID	RCF	.360	166C-125	1.375	500221-9	18
•128089-1	7	DAMPER	RCF	.360	166C-797	1.438	500182-13	8
128132-1	7	DAMPER	RCF	.360	166C-787	1.438	500182-13	8
14" (13.75") Rear Disc								
127505-1X	8	RIGID	RCF	.360	166C-124	1.375	500221-9	18
•128090-1	7	DAMPER	RCF	.360	166C-798	1.438	500182-13	8
128133-1	7	DAMPER	RCF	.360	166C-785	1.438	500182-13	8
2"-10 SPLINE - Super Duty								
14" (13.75") Front Disc								
127461-1X	8	RIGID	RCF	.360	166C-243	1.375	500221-9	18
127461-4X	8	RIGID	RCF	.360	166C-243	1.375	500221-9	18
•128051-1	7	DAMPER	RCF	.360	166C-789	1.438	500182-13	8
128134-1	7	DAMPER	RCF	.360	166C-777	1.438	500182-13	8
14" (13.75") Rear Disc								
127462-1X	8	RIGID	RCF	.360	166C-244	1.375	500221-9	18
127462-4X	8	RIGID	RCF	.360	166C-244	1.375	500221-9	18
•128052-1	7	DAMPER	RCF	.360	166C-795	1.438	500182-13	8
128135-1	7	DAMPER	RCF	.360	166C-783	1.438	500182-13	8

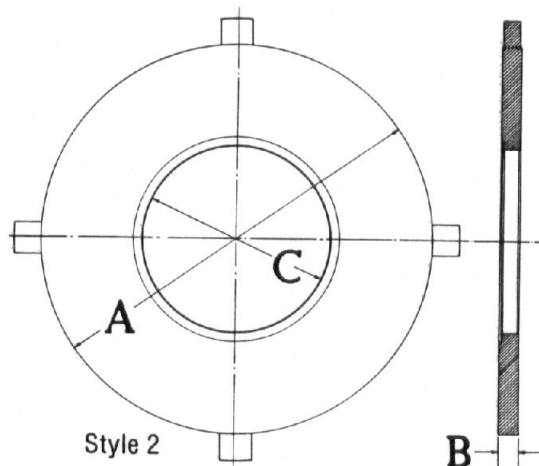
RCF-Riveted Ceramic Facing

• — Coaxial Design Driven Disc

INTERMEDIATE PLATES & PARTS



Style 1

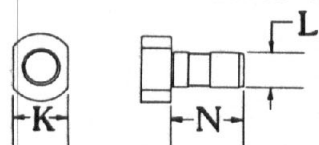


Style 2

INTERMEDIATE PLATE Part Number	Used With Clutch	Style	Outside Diameter A	Thickness B	Inside Diameter C
113C-49	AS-1402	1	14.500	.630/.625	7.250
*113C-70	AS-1402SD (Super Duty)	1	14.500	.810/.805	7.250
*Not interchangeable with Standard Intermediate Plate 113C-49. Use with Super Duty Clutch Driven Discs only.					
113C-52	AS-1552	2	17.500	.762/.757	7.375

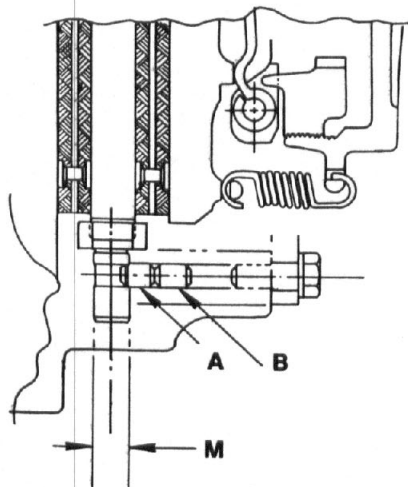
DRIVE PINS

For Use With Intermediate Plate 113C-49 or 113C-70

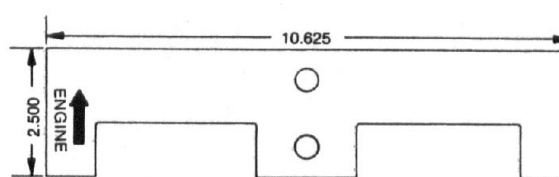
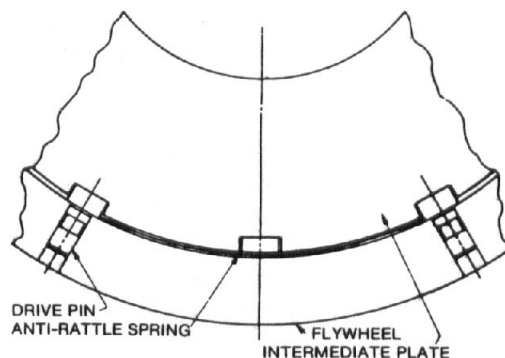


Part Number	Type	Head Diameter K	Pin Diameter L	Ream Flywheel Hole M	Length N
274C-6	Standard	.750	.502/.501	.5005/.499	1
274C-14	Oversize	.750	.517/.516	.5155/.5145	1

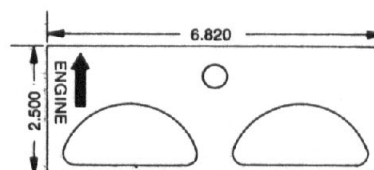
"A" and "B" set screws must be loosened or removed to turn or replace Drive Pins.



ANTI-RATTLE SPRINGS



IF FLYWHEEL HAS FOUR DRIVE PINS,
INSTALL FOUR 161C-2 SPRINGS SPACED
EQUALLY. (90° APART)



IF FLYWHEEL HAS SIX DRIVE PINS, INSTALL
THREE 161C-5 SPRINGS SPACED
ALTERNATELY. (120° APART)

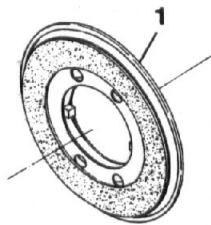
CLUTCH BRAKES

For Use With Non-Synchronized Type Transmissions

NEW TORQUE LIMITING CLUTCH BRAKE ASSEMBLY	SPLINE SIZE	Can Replace Clutch Brake Assemblies Listed Below
127740X	1 3/4"-10	127382X
127740X	1 3/4"-10	127410-1X
127760X	2"-10	127383X
127760X	2"-10	127411-1X

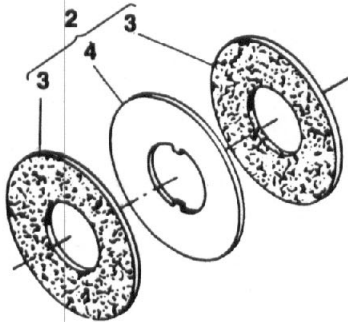
REF. NO.	PART NO.	PART NAME
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TORQUE LIMITING CLUTCH BRAKE



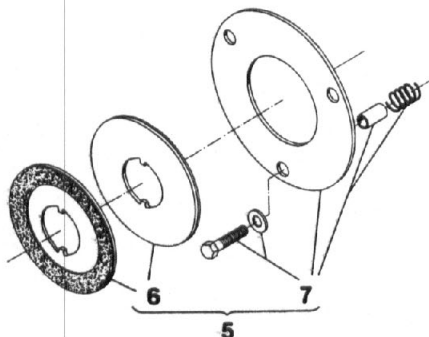
1	127740X	1 3/4"-10 SPLINE Clutch Brake Assembly
1	127760X	2"-10 SPLINE Clutch Brake Assembly

CONVENTIONAL CLUTCH BRAKE



2	127403X	1 1/2"-10 SPLINE Clutch Brake Assembly
3	125C-11	Disc-brake (fiber) 2 ea.
4	200C-2	Washer-brake (steel) 1 ea.
2	127382X	1 3/4"-10 SPLINE Clutch Brake Assembly
3	125C-40	Disc-brake (fiber) 2 ea.
4	200C-10	Washer-brake (steel) 1 ea.
2	127383X	2"-10 SPLINE Clutch Brake Assembly
3	125C-41	Disc-brake (fiber) 2 ea.
4	200C-23	Washer-brake (steel) 1 ea.

LIMITED TORQUE CLUTCH BRAKE FOR UPSHIFTING CLUTCH BRAKE INSTALLATIONS ONLY Used by Mack Only



5	N.A.	1 3/4"-10 SPLINE Clutch Brake Assembly
6	127410-1X	Disc-brake 2 ea.
7	127856X	Brake Plate Kit 1 ea.
5	127391X	2"-10 SPLINE Clutch Brake Assembly
6	127411-1X	Disc-brake 2 ea.
7	127856X	Brake Plate Kit 1 ea.
	N.A.—Not Available	

Diagram illustrating the components of a mechanical assembly, likely a pressure vessel or valve, shown in an exploded view. The components are labeled as follows:

- COVER
- ADJUSTING RING
- KNIFE EDGE LEVER
- INTERMEDIATE PLATE
- DRIVEN DISC ASSY.
- RELEASE SLAVE RETAINER
- PRESSURE SPRING PIVOT
- PRESSURE SPRING
- RELEASE SLAVE
- RELEASE BEARING
- SELF ADJUSTING MECHANISM
- RETURN SPRING
- PRESSURE PLATE