

MACAS

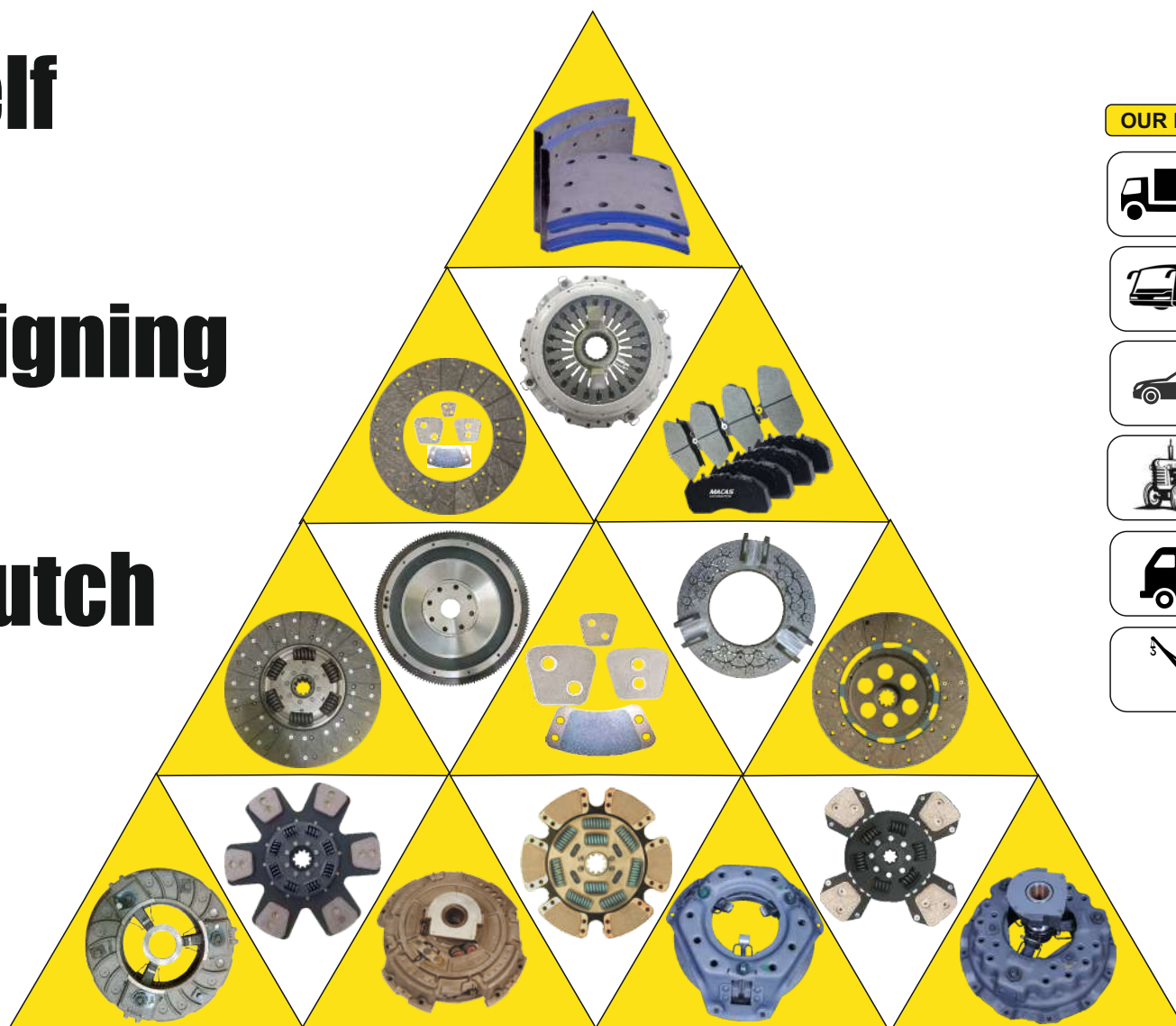
Driving to the Future

HEAVY DUTY CLUTCH RANGE

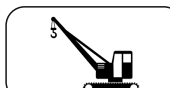
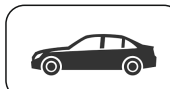
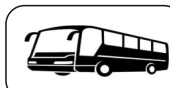
Self

Aligning

Clutch



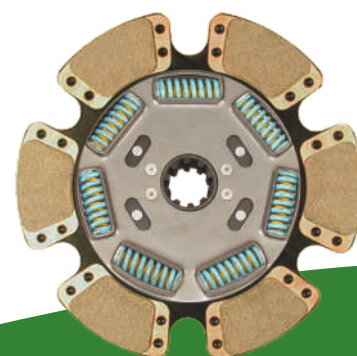
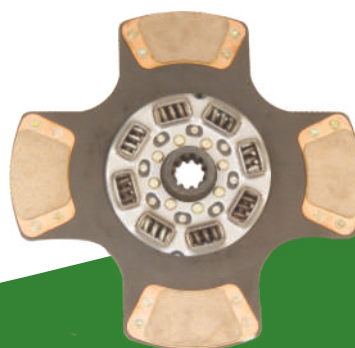
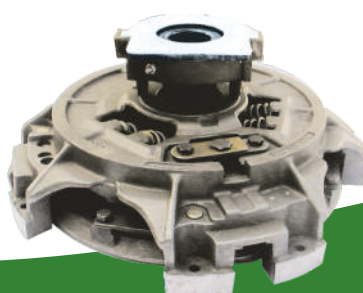
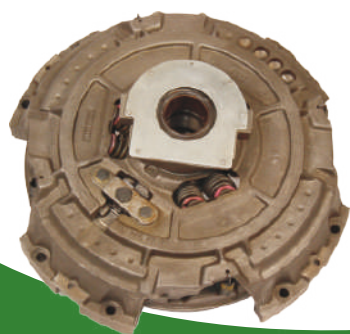
OUR RANGE



HEAVY DUTY CLUTCHES

FOR CLASS 6, 7 & 8 TRUCKS & BUSES

ANGLE SPRING CLUTCHES



MACAS/009/Sep2023

www.macasautomotive.com



Notes

A series of horizontal dotted lines for taking notes.



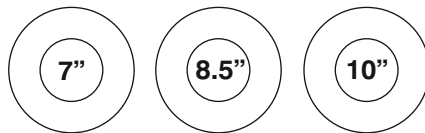
Contents

<i>Clutch Selection Guidelines</i>	...	...	...	1
<i>14" Clutch (Single/Twin)</i>	...	...	...	2
<i>Clutch Discs</i>	...	...	...	3
<i>Exploded Views</i>	...	...	...	4-9
<i>Clutch Kits</i>				
<i>15-1/2" Heavy Duty</i>	...	...	...	10
<i>14" Heavy Duty</i>	...	...	...	11
<i>14" Medium Duty</i>	...	...	...	12
 <i>COMPONENTS</i>	...	...	...	 13-19



Clutch Selection Guidelines

1. Select a Clutch Assembly with rating above the maximum engine torque otherwise premature failure may occur.
2. Type of Facing : Organic or Ceramic
3. Flywheel Type
14" Flat Flywheel
14" Pot Flywheel
15-1/2" Flat Flywheel
4. Input Shaft Size 1-1/2"x10, 1-3/4"x10 & 2"x10 Splines
5. Appropriate Clutch Disc w.r.t. Flywheel I.D. (Apprx.)



DESCRIPTION	SMALL	MEDIUM	LARGE
I.D. Inches	7	8.5	10
Recommended Clutch Disc Type of Facing	8 Springs Organic Ceramic	10 Springs Organic Ceramic	7 / 9 Springs Ceramic

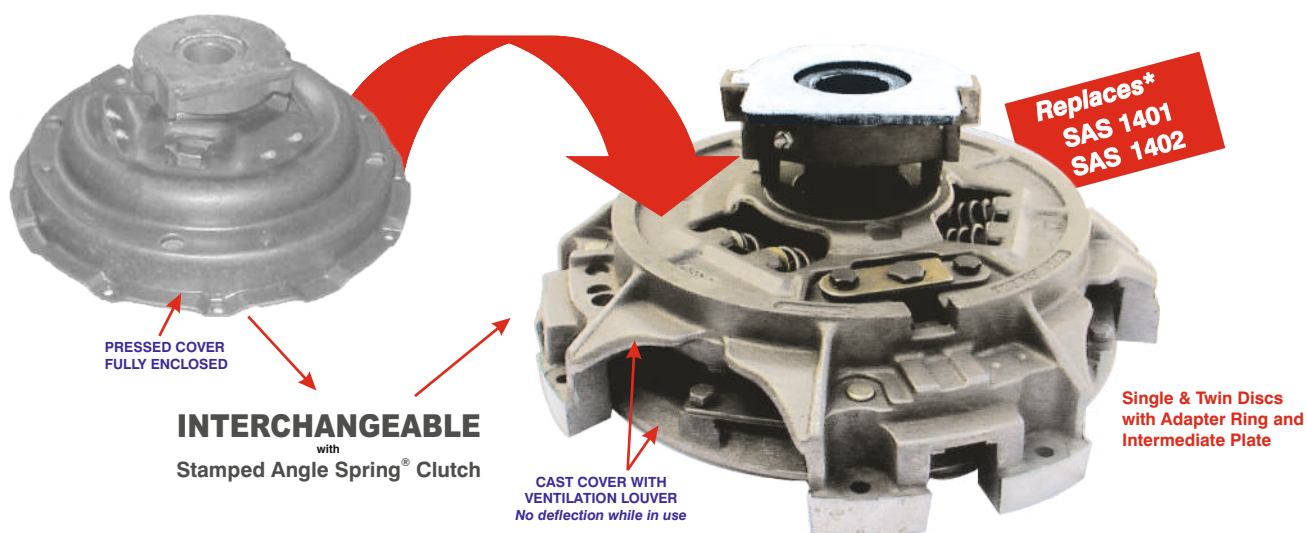


**IATF 16949 : 2016
CERTIFIED COMPANY**

MACAS

14" CLUTCH

14" Flat Flywheel Clutch for Class 6 & 7 Trucks and Buses



Cast cover - Bigger mass & porous

- Assists in keeping the clutch cool
- No deflection in operation
- Higher inertia helps / reduce / absorbs engine fluctuations

Strap Driven Pressure Plate

- Noise free and reduced clutch vibrations

TWIN ADJUSTMENT

- Square Threaded Twin Adjusting Ring suitable for Gear Adjuster or even hand tool with Spring Loaded Gear Adjuster.

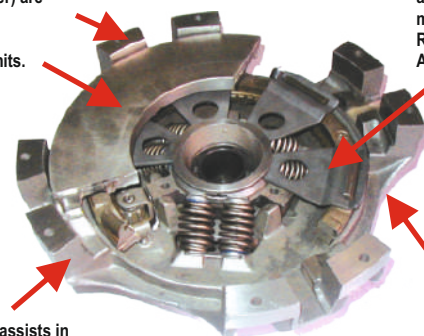
Easily Serviceable

- All parts except Cover and Retainer interchangeable with Stamped Angle Spring Cover Assembly.

REAR SECTIONAL VIEW

Pressure Plate and Cover (Mounted with Adjuster) are individually balanced in very fine limits.

Retainer Lug located in the cover - Ensures alignment & concentric movement vis a vis Release Sleeve Assembly



4 Extra Large openings - air flows centrifugally over the pressure plate / ceramic buttons mounting surface - for very effective cooling.

Cast Cover - assists in keeping the clutch cool.

No Deflection as in case of Pressed / Sheet Metal Cover.

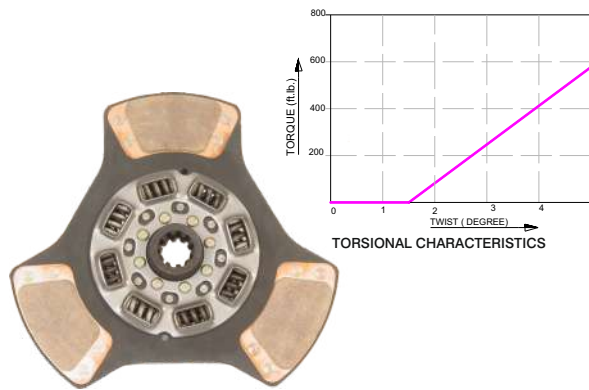
Higher Inertia helps reduce / absorb engine fluctuations.

High 'μ' ceramic clutch generates much higher temperature than organics.

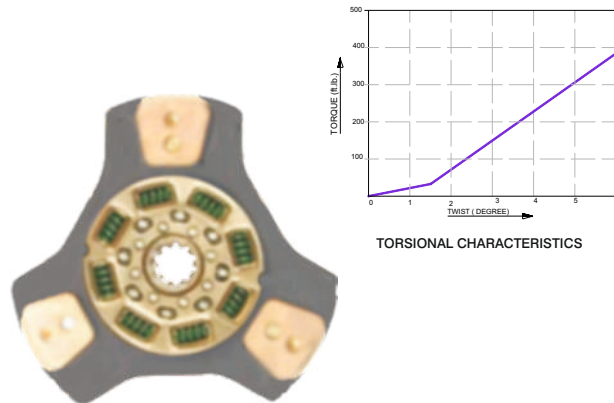


*Longer Mounting Bolts are required

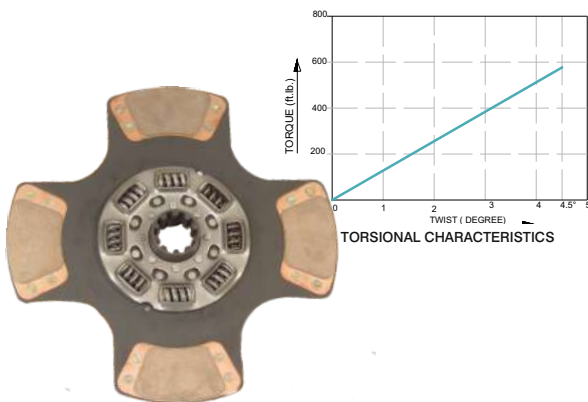
CLUTCH DISCS



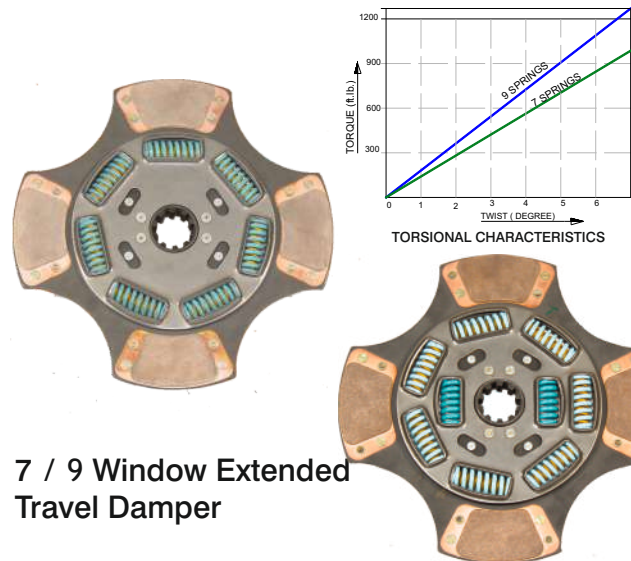
8 Springs Free Travel



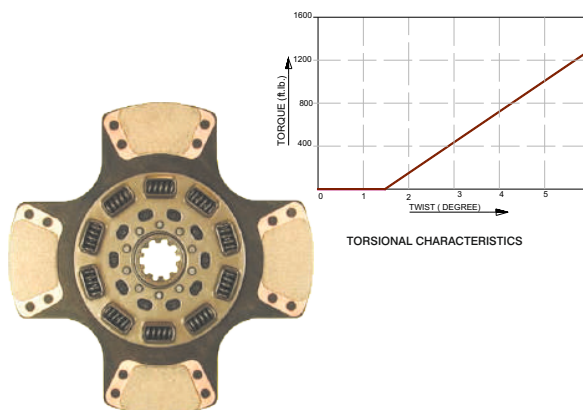
8 Springs (7 Co-axial + 1)



8 Springs Low Rate Damper



7 / 9 Window Extended Travel Damper



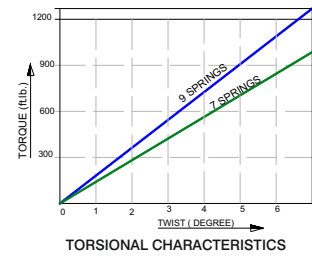
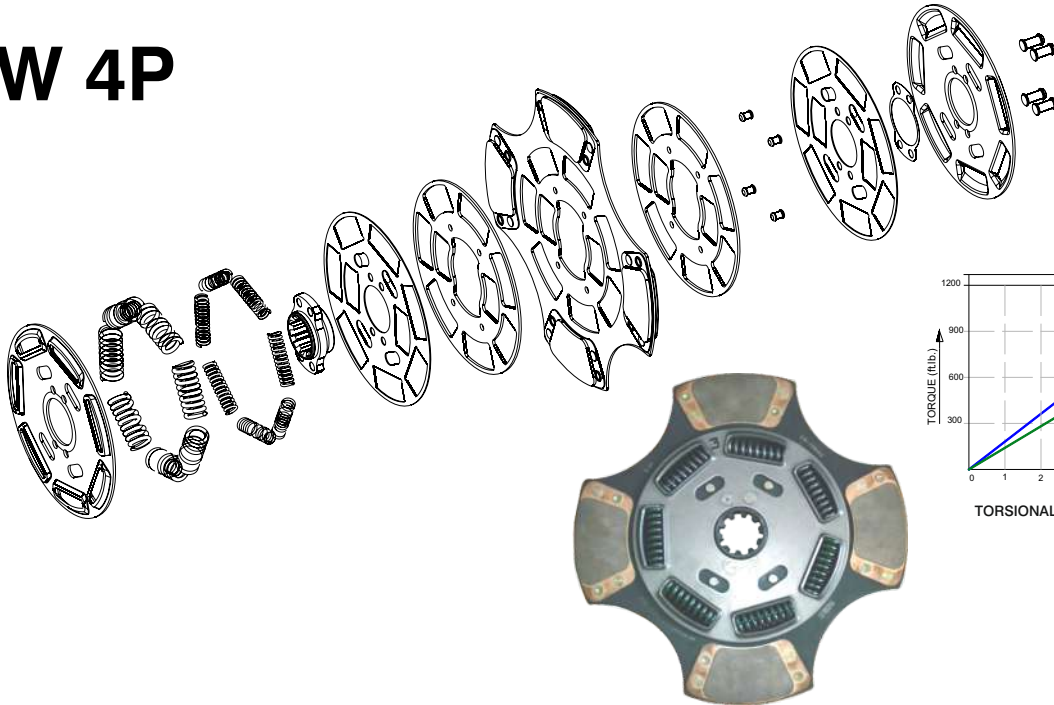
10 Springs Free Travel

CLUTCH DISCS

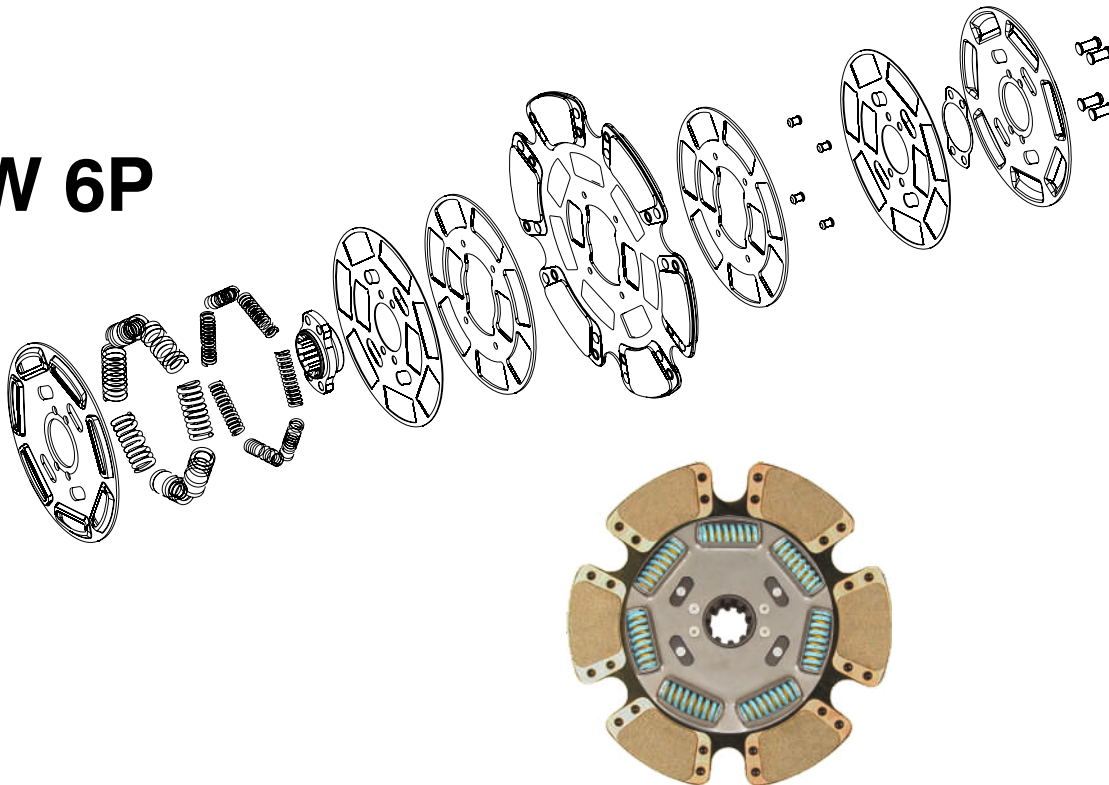
An exploded view

7 Window Extended Travel Damper

7W 4P



7W 6P



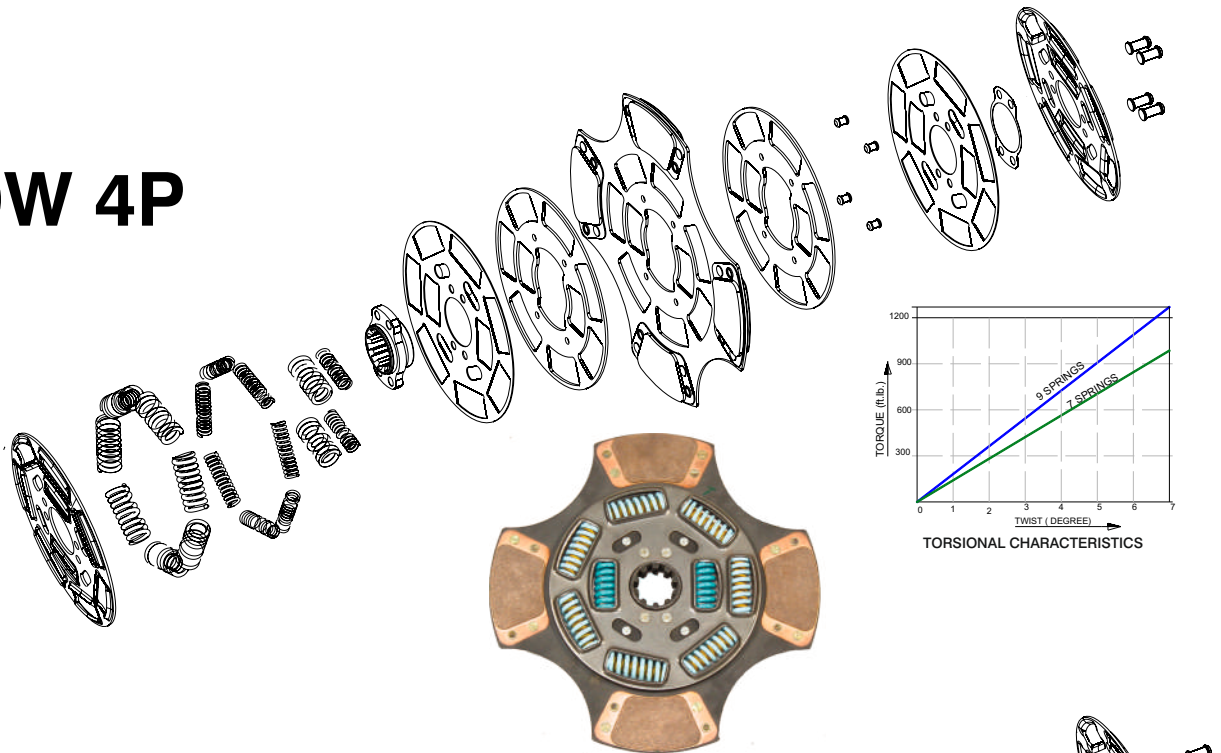
Suitable for 10" Flywheel ID

CLUTCH DISCS

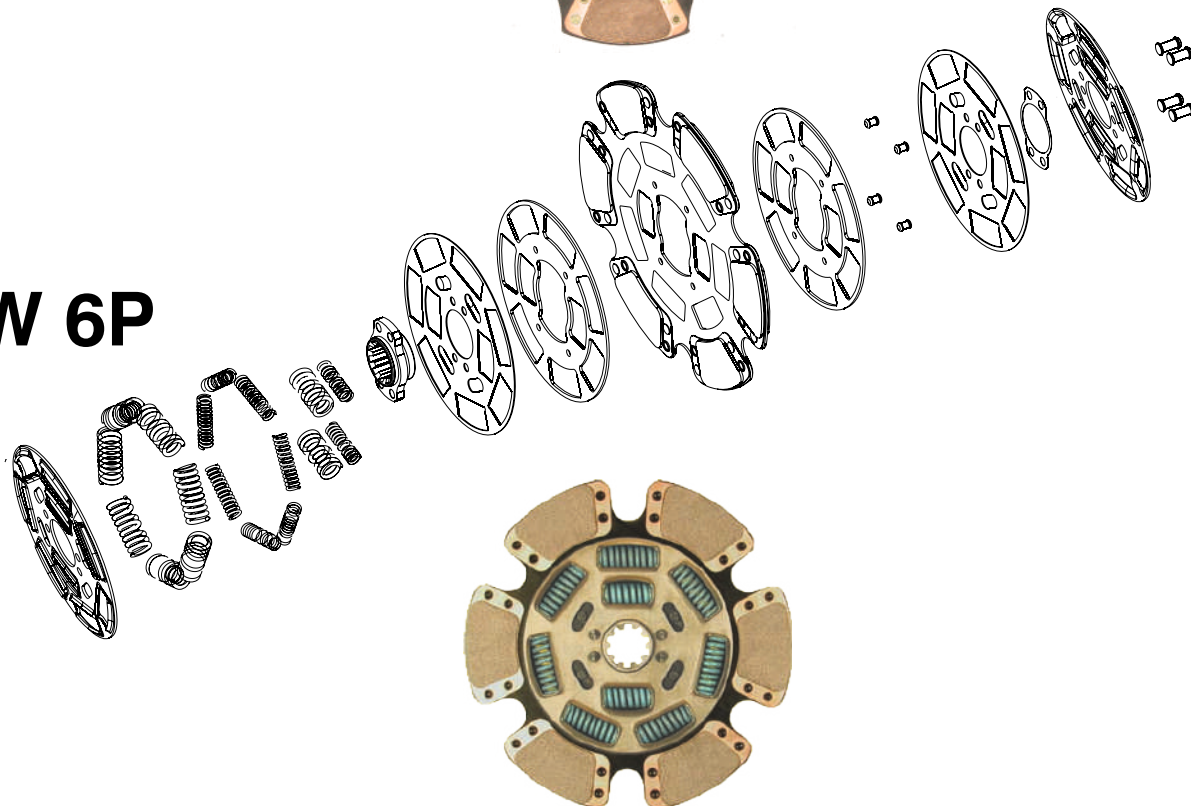
An exploded view

9 Window Extended Travel Damper

9W 4P



9W 6P



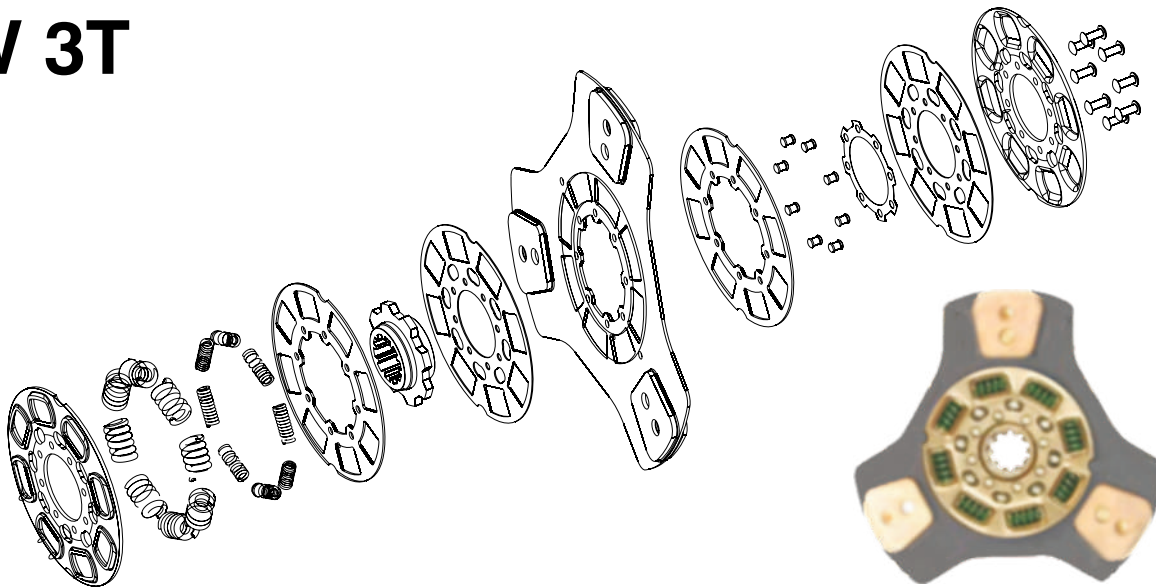
Suitable for 10" Flywheel ID

CLUTCH DISCS

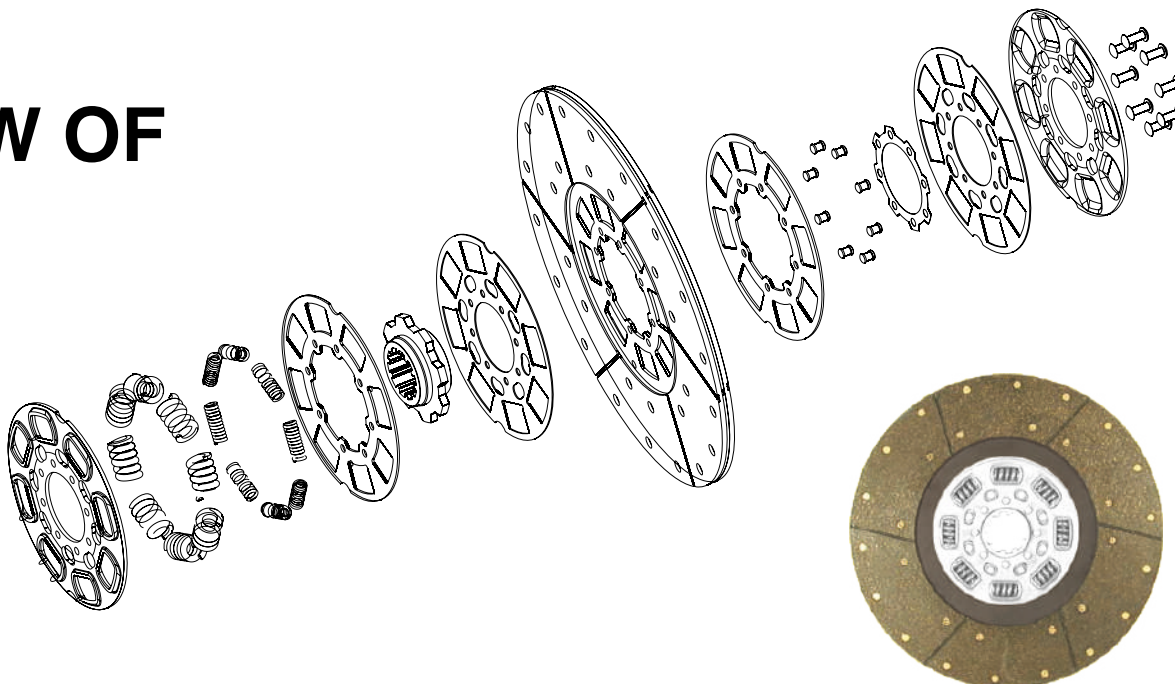
An exploded view

8 Springs Free Travel Damper

8W 3T



8W OF



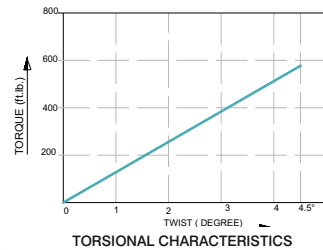
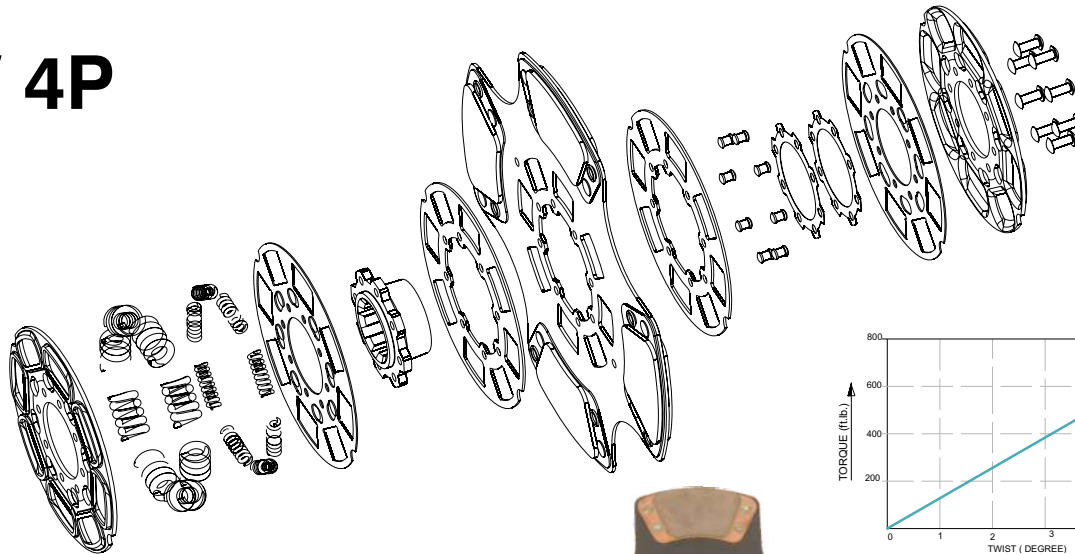
Suitable for 7" or Higher Flywheel ID

CLUTCH DISCS

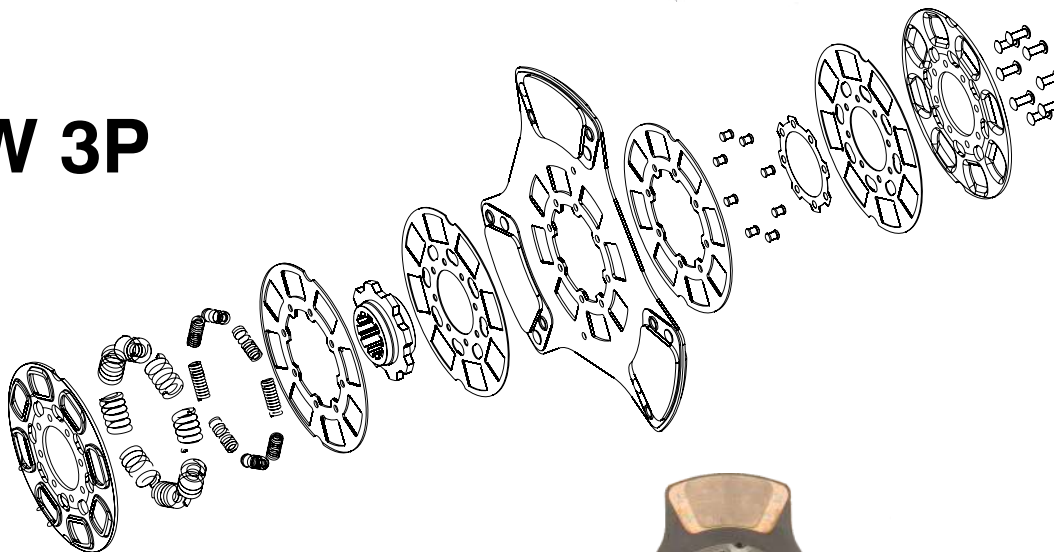
An exploded view

8 Springs Low Rate Damper

8W 4P



8W 3P



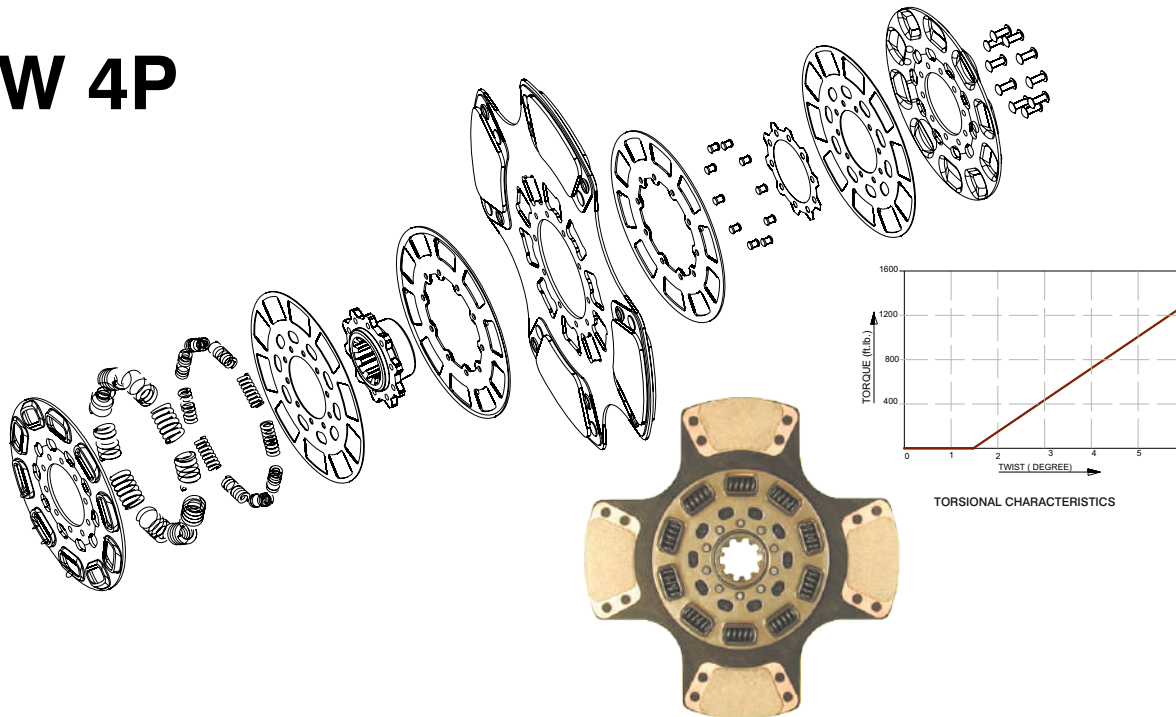
Suitable for 7" or Higher Flywheel ID

CLUTCH DISCS

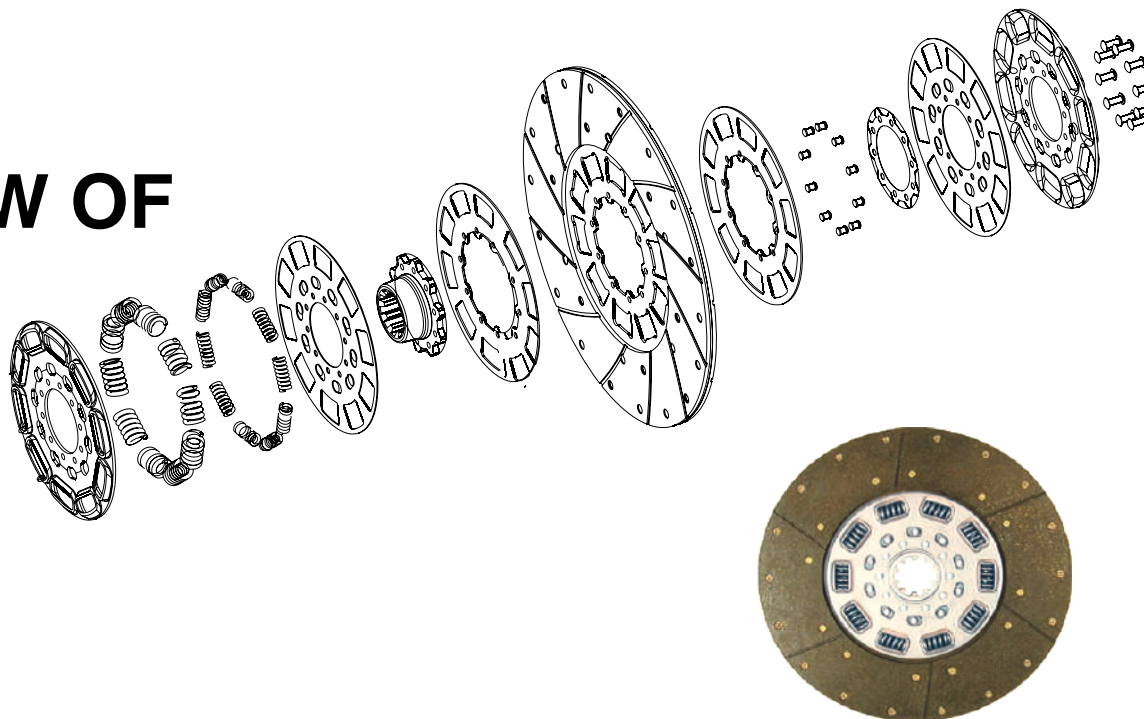
An exploded view

10 Springs Free Travel Damper

10W 4P



10W OF



Suitable for 8.5 " or Higher Flywheel ID

MACAS

CLUTCH COVER

An exploded view

14" Clutch

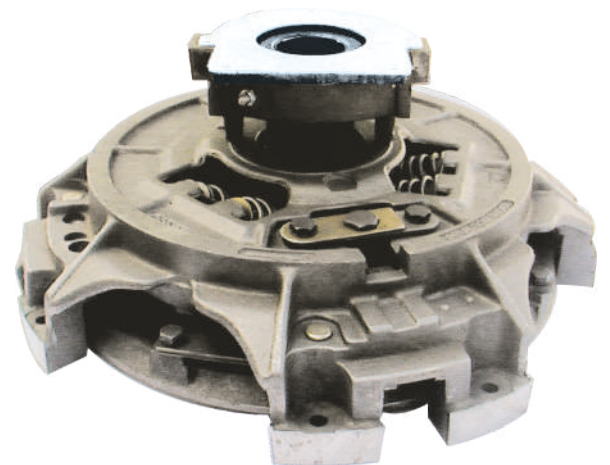
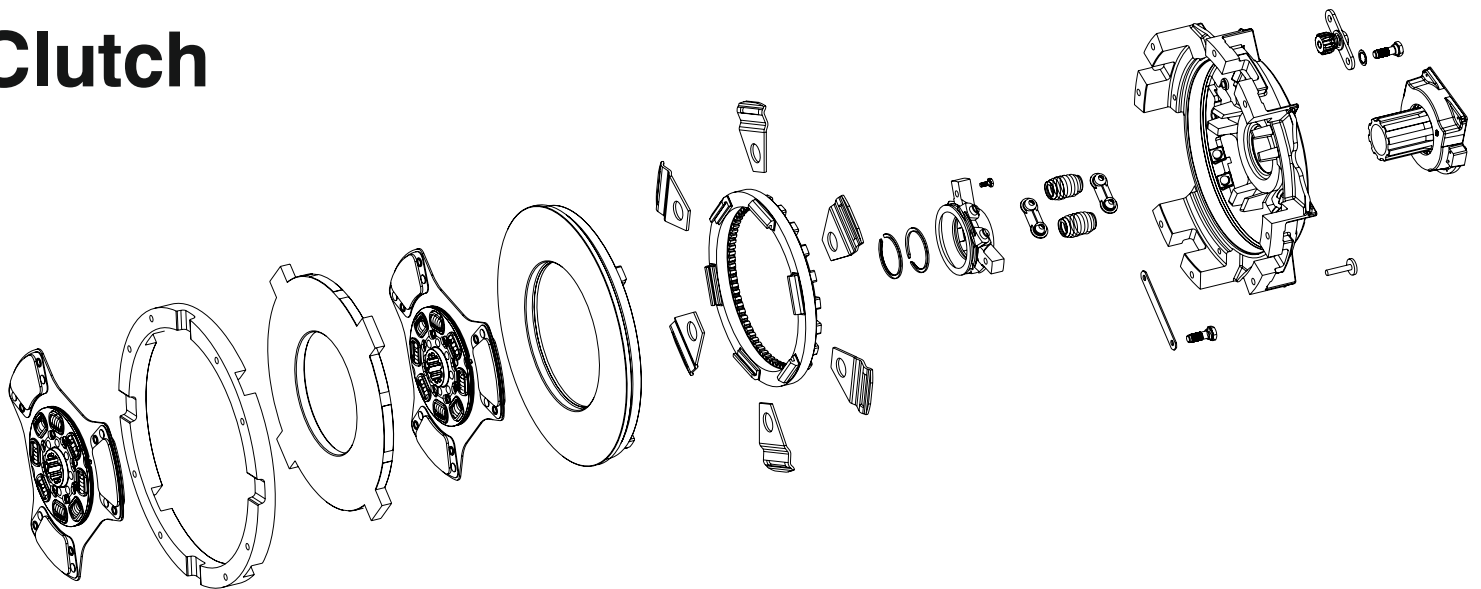
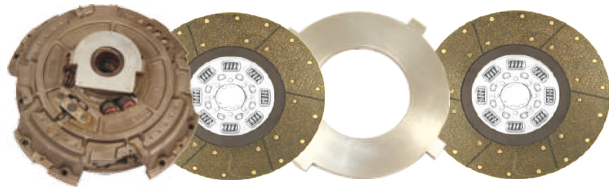
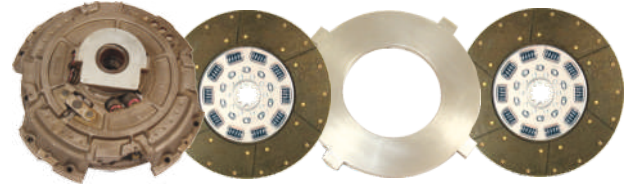


FIG. REF. NO.	KIT NUMBER	PLATE LOAD (LBS)	DISC SPRINGS	DISC TYPE	TORQUE RATING (FT.LB)	COVER ASSEMBLY	CENTER PLATE	CLUTCH DISC (FRONT & REAR)
15 1/2" x 2"x10								
D1	7091-82	4000	C8F	OF	1400	M-129018-6	M-1631	M-128431 & M-128432
D1	7091-77	3600	C8F	OF	1250	M-129018-4	M-1631	M-128431 & M-128432
D1	7091-83	3200	C8F	OF	1070	M-129018-1	M-1631	M-128431 & M-128432
D2	7091-78	4000	10F	OF	1450	M-129018-6	M-1631	M-128445 & M-128446
D3	7091-81	3600	C8F	4P	1400	M-129079-4	M-1632	M-128519 & M-128520
D3	7091-80	3200	C8F	4P	1400	M-129079-1	M-1632	M-128519 & M-128520
D4	7091-55	3600	C8F	6T	1400	M-129079-4	M-1632	M-128049 & M-128050
D4	7091-52	3200	C8F	6T	1250	M-129079-1	M-1632	M-128049 & M-128050
D4	7091-53	2800	C8F	6T	1000	M-129079-2	M-1632	M-128049 & M-128050
D5	7925-82	3600	07X	4P	1650	M-129079-4	M-1632	M-128462 F&R
D6	7935-51	3600	090	4P	1650	M-129079-4	M-1632	M-128568 & M-128569
D7	7091-93	4000	10F	4P	1860	M-129079-6	M-1632	M-128257 & M-128258
D7	7091-74	3600	10F	4P	1650	M-129079-4	M-1632	M-128257 & M-128258
D8	7091-93H	4000	10F	6P	1860	M-129079-6	M-1632	M-128539 & M-128540

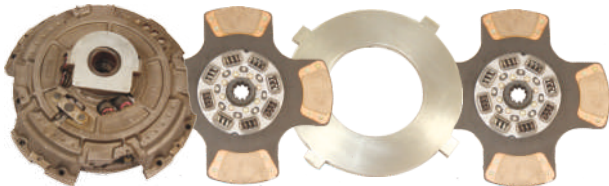
D1



D2



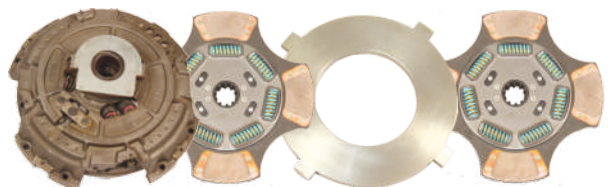
D3



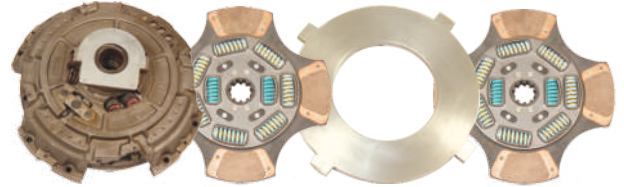
D4



D5



D6



D7



D8

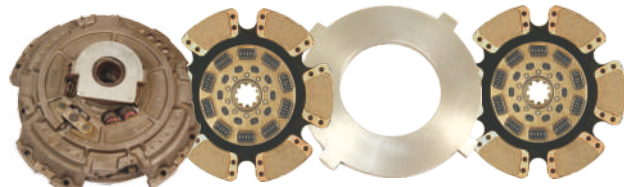
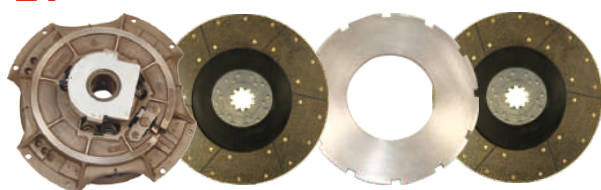
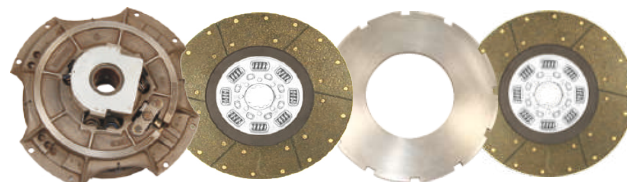


FIG. REF. NO.	KIT NUMBER	PLATE LOAD (LBS)	DISC SPRINGS	DISC TYPE	TORQUE RATING (FT.LB)	COVER ASSEMBLY	CENTER PLATE	CLUTCH DISC (FRONT & REAR)
14" x 1-3/4"x10								
E2	7035-82	3600	C8F	OF	1150	M-127400-4	M-1603	M-128343 & M-128344
E2	7035-38	3200	C8F	OF	1000	M-127400-1	M-1603	M-128343 & M-128344
E2	7035-42	2800	C8F	OF	820	M-127400-2	M-1603	M-128343 & M-128344
E2	7035-45	2400	C8F	OF	800	M-127400-3	M-1603	M-128304 & M-128305
E4	7063-59	3600	C8F	4P-D	1400	M-127400-4	M-1628	M-128529 & M-128530
E5	035-53	2800	C8F	6T	1150	M-127400-2	M1603	M-128099 & M-128100
14" x 2"x10								
E	7034-30	3200	RIGID	OF	1000	M-127390-1	M-1603	M-128310 & M-128311
E	7034-34	2800	RIGID	OF	900	M-127390-2	M-1603	M-128310 & M-128311
E2	7034-82	3600	C8F	OF	1150	M-127390-4	M-1603	M-128238 & M-128239
E2	7034-57	3200	C8F	OF	1000	M-127390-1	M-1603	M-128238 & M-128239
E2	7034-55	2800	C8F	OF	820	M-127390-2	M-1603	M-128238 & M-128239
E3	7034-61	2800	C8F	3P	1000	M-127390-2	M-1603	M-128441 & M-128442
E4	7050-69	3600	C8F	4P-D	1400	M-127390-4	M-1628	M-128521 & M-128522
E4	7050-59	3200	C8F	4P-D	1400	M-127390-1	M-1628	M-128521 & M-128522
E4	7034-53	2800	C8F	4P-D	1250	M-127390-2	M-1628	M-128521 & M-128522

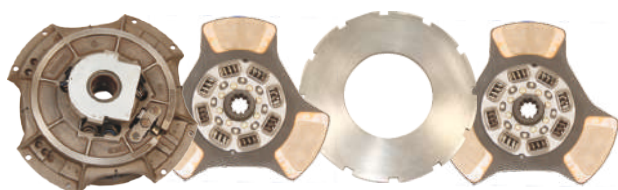
E1



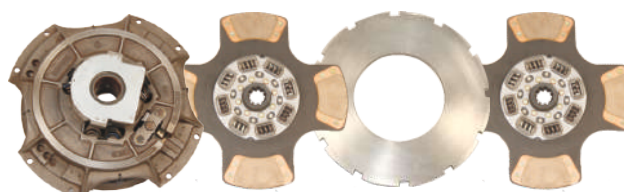
E2



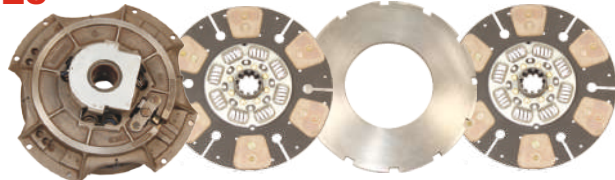
E3



E4



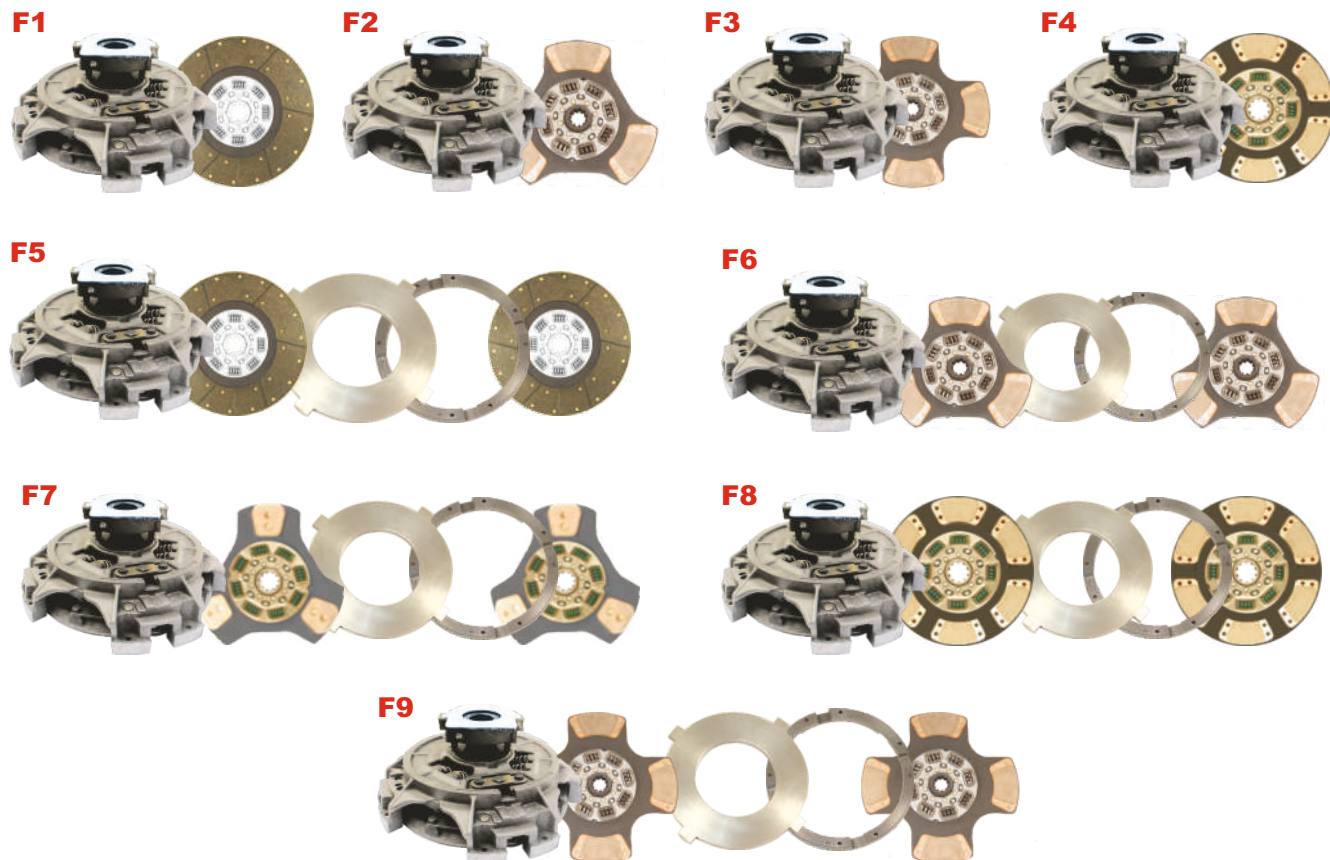
E5



(Replaces 14" Stamped Angle Spring® Clutch)

14"

FIG. REF. NO.	REF. NUMBER	PLATE LOAD (LBS)	DISC SPRINGS	DISC TYPE	TORQUE RATING (FT.LB)	COVER ASSEMBLY	CENTER PLATE	CLUTCH DISC (FRONT & REAR)
14" X 1 1/2" X 10 SINGLE PLATE								
F1	7688-7-OF	3000	08F	OF	440	MPT5-139043-12		M-128386
F2	7688-7	2500	C8F	3P	520	MPT5-139043-10		M-128499
F2	7688-5	3000	C8F	3P	620	MPT5-13904		M-128499
14" X 1 3/4" X 10 SINGLE PLATE								
F1	7683-16	3200	08F	OF	445	MPT-139043-1		M-128344
F1	7697-3	3000	08F	OF	440	MPT-139043-12		M-128344
F2	7684-5	3000	C8F	3P	620	MPT-139043-12		M-128577
F2	7683-7	2500	C8F	3P	520	MPT-139043-10		M-128577
F2	7684-21	2500	08F	3P	445	MPT-139043-10		M-128577-08F
F2	7683-14	2500	08L	3P	520	MPT-139043-		M-128664
F3	7915-1	3200	C8F	3P	650	MPT-139043-11		M-128342
F3	7213-5	2800	C8F	4P	650	MPT-139043-09		M-128342
F3	7213-7	2500	C8F	4P	550	MPT-139043-10		M-128342
F4	7697-7	2500	C8F	6P	560	MPT-139043-10		M-128573
F4	7697-6	3000	C8F	6P	680	MPT-139043-12		M-128573
14" X 1 3/4" X 10 TWO PLATES (ADAPTOR RING - PT-2627 & INTERMEDIATE PLATE PL-1480)								
F5	7701-16	2800	08F	OF	800	MPT-139042-4	M-1480 AR	M-128343 & M-128344
F5	7237-16	2800	08F	OF	800	MPT-139042-4	M-1480 AR	M-128711 & M-128712
F6	7238-22	2400	71L	3P	860	MPT-139042-3	M-1480 AR	M-128695 & M-128696
F7	7237-10	2000	71L	3T	860	MPT-139042-5	M-1480 AR	M-128667 & M-128668
F8	7701-24	2400	C8F	6P	10	MPT-139042-3	M-1480 AR	M-128572 & M-128573
F8	7237-6	2000	71L	6P	860	MPT-139042-5	M-1480 AR	M-128730 & M-128731
14" X 2" X 10 TWO PLATES (ADAPTOR RING - PT-2627 & INTERMEDIATE PLATE PL-1480)								
F5	7703-16	2800	08F	OF	800	MPT2-139042-4	M-1480 AR	M-128238 & M-128239
F6	7686-2	2800	08F	3P	900	MPT2-139042-4	M-1480 AR	M-128441 & M-128442
F6	7342-12	2000	71L	3P	860	MPT2-139042-5	M-1480 AR	M-128693 & M-128694
F6	7342-22	2400	71L	3P	860	MPT2-139042-3	M-1480 AR	M-128693 & M-128694
F7	7342-4	2000	08F	3T	860	MPT2-139042-5	M-1480 AR	M-128594 & M-128595
F9	7342-24	2400	71L	4P	950	MPT2-139042-3	M-1480 AR	M-128705 & M-128706
F9	7342-20	2400	08L	4P	860	MPT2-139042-3	M-1480 AR	M-128620 & M-128621
F8	7703-24	2400	C8F	6P	10	MPT2-139042-3	M-1480 AR	M-128574 & M-128575
F8	7703-6	2000	C8F	6P	900	MPT2-139042-5	M-1480 AR	M-128574 & M-128575
F8	7342-6	2000	71L	6P	860	MPT2-139042-5	M-1480 AR	M-128732 & M-128733



Interchangeable components - One to One



Knife Edge Levers



Pressure Spring



Retainer



Pressure Plate



Bearing



Spring Pivot



Release Sleeve Bush



Bearing Cage Cover



Release Bearing
Spring



Bearing Cage
Cover & Pad Rivet



Bearing Cage
Cover Rivet



Grease
Nipple



Snap Ring
Internal



Snap Ring
External



Release Sleeve
Half Ring



REPLACEMENT OF SPICER PARTS

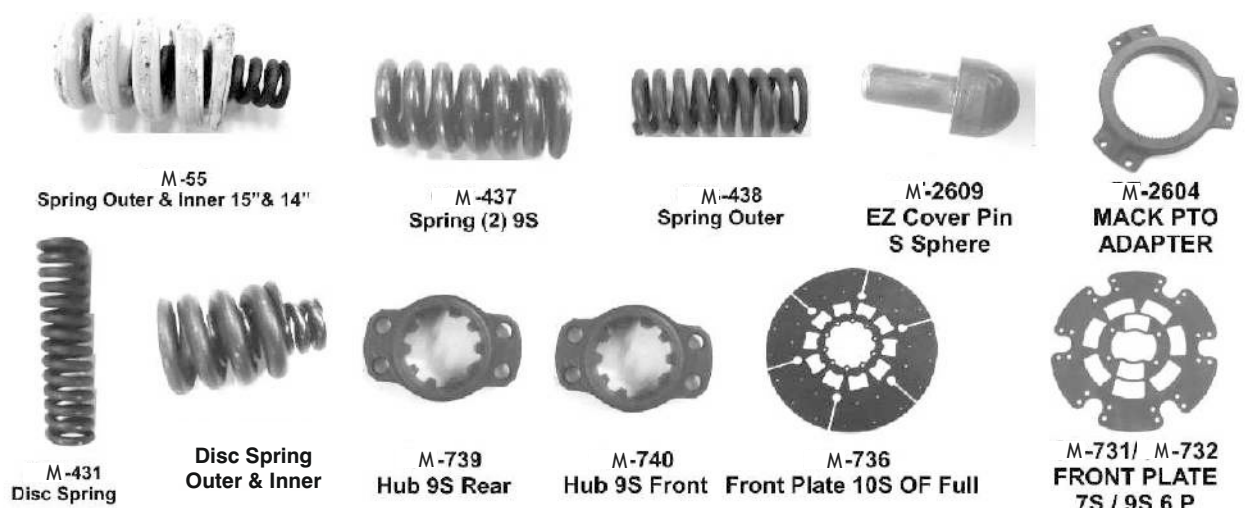
PART #	REF #	PARTS DESCRIPTION
MPT-2581	197-C-78	Flywheel Ring or Cover - 14"
MPT-2598	197-C-85	Flywheel Ring or Cover - 15-1/2"
MPT-2654	195-C-62	Adjusting Ring (Use with PT-2655 Lever)
MPT-2653	195-C-69	Adjusting Ring (Use with PT-2655 Lever)
MPT-2582	242-C-32	Release Sleeve Retainer 1-3/4"X10
MPT-2590	242-C-34	Release Sleeve Retainer - 2"X10
MPT-2691	127988X	Release Sleeve Retainer 1-3/4"X10 (Self Adjust)
MPT-2692	125119X	Release Sleeve Retainer - 2"X10 (Self Adjust)
MPT-2693	242-C-101	Release Sleeve Retainer 1-3/4"X10 (Stamped Cover)
MPT-2694	242-C-109	Release Sleeve Retainer - 2"X10 (Stamped Cover)
MPTS-2576	277-C-88	Pressure Spring (Plain Finish) 3200 lbs
MPTS-2588	277-C-96	Pressure Spring (Red Finish) 2800 lbs
MPTS-2680	277-C-149	Pressure Spring (Blue Finish) 2400 lbs
MPTS-2666	277-C-216	Pressure Spring (Yellow Finish) 3600 lbs
MPTS-2667	277-C-383	Pressure Spring (White Finish) 4000 lbs
MPTS-418	277-C-418	Pressure Spring (Purple Finish) 4200 lbs
MPL-1617	170-C-159	Pressure Plate - 14"
MPL-1613	170-C-428	Pressure Plate - 14" (Stamped Cover)
MPL-1626	170-C-201	Pressure Plate (7-1/4" I.D) - 15-1/2"
MPL-1629	170-C-385	Pressure Plate (8-1/2" I.D) - 15-1/2"
MPL-452	170-C-452	Pressure Plate - 15-1/2"
MPL-165	113-C-165	Intermediate Plate (8.562" I.D)- 15-1/2" (With holes for Separator Pin)
MPL-166	113-C-166	Intermediate Plate (9.903" I.D)- 15-1/2" (With holes for Separator Pin)
MPL-1611	113-C-52	Intermediate Plate (7.25" I.D) - 15-1/2"
MPL-1631	113-C-124	Intermediate Plate (8.562" I.D) - 15-1/2"
MPL-151	113-C-151	Intermediate Plate (9.903" I.D) - 15-1/2"
MPL-1603	113-C-49	Intermediate Plate (7.25" I.D) - 14"
MPL-1628	113-C-70	Intermediate Plate (7.25" I.D) - 14" - Super Duty
MPL-1604	113-C-137	Intermediate Plate - 14" (Stamped Cover)
MPL-1480		Intermediate Plate - 14" (Stamped Cover)
MPT-2627		Spacer Ring (Adopter)
MPT-2657	127859X	Release Bearing & Sleeve Assly. - 2" (Greasable) - Two Plate
MPT-2658	127860X	Release Bearing & Sleeve Assly. - 1-3/4" (Greasable) - Two Plate
MPT-2659	127861X	Release Bearing & Sleeve Assly. - 1-1/2" (Greasable) - Single Plate
MPT-2696	127889X	Release Bearing & Sleeve Assly. - 1-3/4" (Greasable) - Single Plate
MPT-2575	127857X	Release Sleeve & Bushing Assembly - 1 3/4" (Two plate)
MPT-2589	127393X	Release Sleeve & Bushing Assembly - 2" (Two Plate)
MPT-2596	127858X	Release Sleeve & Bushing Assembly - 1-1/2" (Single Plate)
MPT-2697	127873X	Release Sleeve & Bushing Assembly - 1 3/4" (Single plate)
MPT-2548	257-C-4	Release Sleeve Bushing - 1-1/2"
MPT-2522	257-C-29	Release Sleeve Bushing - 1-3/4"
MPT-2538	257-C-30	Release Sleeve Bushing - 2"
MPT-2597	230-C-22	Return Spring
MPT-2577	178-C-6	Pressure Spring Pivot
MPT-2506-H	236-C-8	Release Sleeve Half Ring - 1-3/4" & 1-1/2"
MPT-2539	236-C-18	Release Sleeve Half Ring - 2"
MPT-2580	236-C-20	Snap Ring (Internal)
MPT-2655	173-C-73	Release Lever (Use with PT-2654)
MPT-2555	198-C-11	Adjusting Ring Lock
MPT-2586	151-C-3	Adjusting Ring Lock Bolt & Washer
MPT-2663	127879	Release Bearing Assly.(Greaseable)
MPT-126437	125437	Release Bearing Assly.(Greaseable) - Twin Zerk
MPT-2647, 2646	124-C-77	Rel.Bearing Housing (Greaseable)
MPT-78	124-C-78	Rel.Bearing Housing (Greaseable) - Twin Zerk
MPT-2531	550017	Release Bearing Greaseable (6212)
MPT-2502-W	189-C-9	Release Bearing Spring
MPT-2518	203-C-7	Release Bearing Cage Cover
MPT-2501	204-C-1	Bearing Cage Pad
MPT-2648	500191-19	Release Bearing Cage & Pad Rivet
MPT-2649	500217-11	Release Bearing Cage & Cover Rivet - 1/8" x 1/2"
MPT-2650	296-C-12	Lube Fitting (Grease Nipple)
MPT-2542	236-C-13	Snap Ring
MPT-3000		Adjusting Gear Assly. (Plain type)
MPT-2674	500398-6	Screw 3/8"-16 - 1 1/16" Hex Head
MPT-2673	500362-11	Washer 3/8" External tooth lock
MPT-2678	127175	2 Piece Clutch Brake 1-3/4"
MPT-2679	127200	2 Piece Clutch Brake 2"
MPT-2676	127411-1X	Bonded Brake Washer 2"
MPT-2677	127410-1X	Bonded Brake Washer 1-3/4"
MPT-2523-X	274-C-6	Drive Pin



REPLACEMENT PARTS OF 14" & 15-1/2" DISC ASSY.

PART#	Ref#	Parts Description
MCP-972	166C-972	Clutch Hub 2" x 10 (Rear) - 7/9 w
MCP-970	166C-970	Clutch Hub 2" x 10 (Front) - 9w
MCP-413	166C-519	Clutch Hub 2" x 10 (Front)
MCP-187	166C-769	Clutch Hub 2" x 10 (Front) - Rigid
MCP-188	166C-770	Clutch Hub 2" x 10 (Rear) - Rigid
MCP-194	166C-243	Clutch Hub 2" x 10 (Front) - Rigid
MCP-195	166C-244	Clutch Hub 2" x 10 (Rear) - Rigid
MCP-424	166C-789	Clutch Hub 2" x 10 (Front)
MCP-425	166C-795	Clutch Hub 2" x 10 (Rear)
MCP-725	166C-901	Clutch Hub 2" x 10 (Front)
MCP-726	166C-902	Clutch Hub 2" x 10 (Rear)
MCP-103	166C-124	Clutch Hub 1-3/4" x 10 (Rear) - Rigid
MCP-104	166C-125	Clutch Hub 1-3/4" x 10 (Front) - Rigid
MCP-414	166C-518	Clutch Hub 1-3/4" x 10 (Rear) - Rigid
MCP-422, MCP-245	166C-797	Clutch Hub 1-3/4" x 10 (Front)
MCP-423, MCP-246	166C-798	Clutch Hub 1-3/4" x 10 (Rear)
MCP-433	166C-777	Clutch Hub 2" x 10 (Front)
MCP-434	166C-783	Clutch Hub 2" x 10 (Rear)
MCP-7	166C-7	Clutch Hub 1 1/2" x 10 - Rigid
MCP-924	166C-924	Clutch Hub 1 1/2" x 10
MCP-392	277C-392	Damper Spring (Outer) - 8w
MCP-391	277C-391	Damper Spring (Inner) - 8w
MCPS-429C	277C-294	Damper Spring (Outer) - 8w
MCPS-430C	277C-297	Damper Spring (Inner) - 8w
MCPS-249-S	277C-87	Damper Spring - 8w
MCPS-338	277C-338	Damper Spring (Outer) - 9w
MCPS-339	277C-339	Damper Spring (Inner) - 9w
MCPS-340	277C-340	Damper Spring (Outer) - 9w
MCPS-323	277C-323	Damper Spring (Outer) - 10w
MCPS-324	277C-324	Damper Spring (Inner) - 10w
MCP-170	167C-94	Front Plate - 14" (Rigid Organic)
MCP-545	167C-545	Front Plate - 14" (Rigid 4 Paddle)
MCP-7804	127804X UL Type	Front Plate - 14" (Rigid 6VTL / Organic)
MCP-244	167C-79	Front Plate - 14" (8w Organic)
MCP-559	167C-559	Front Plate - 14" (8w 3 Paddle)
MCP-727	167C-544	Front Plate - 14" (8w 4 Paddle)
MCP-7388	127388X Type	Front Plate - 14" (8w 6VTL)
MCP-269	167C-125	Front Plate - 15-1/2" (Rigid Organic)
MCP-546	167C-546	Front Plate - 15-1/2" (Rigid 4 Paddle)
MCP-7905	127905X Type	Front Plate - 15-1/2" (Rigid 6VTL / Organic)
MCP-412	167C-126	Front Plate - 15-1/2" (8w Organic)
MCP-420/MCP-728	167C-547	Front Plate - 15-1/2" (8w 4 Paddle)
MCP-7904	127904X Type	Front Plate - 15-1/2" (8w 6VTL / Organic)
MCP-614	167C-614	Front Plate - 15-1/2" (10w Organic)
MCP-720	167C-537	Front Plate - 15-1/2" (10w 4 Paddle)
MCP-649	167C-649	Front Plate - 15-1/2" (10w 6 Paddle)
MCP-673	167C-673	Front Plate - 15-1/2" (7w 4 Paddle)
MCP-674	167C-674	Front Plate - 15-1/2" (7w 6 Paddle)
MCP-564	167C-564	Front Plate - 15-1/2" (9w 4 Paddle)
MCP-36	259C-36	Back Plate - 8 Wider Window
MCP-248	259C-64	Back Plate - 8w Standard
MCP-71	259C-71	Back Plate - 7w
MCP-156	295C-156	Back Plate - 9w
MCP-721	259C-147	Back Plate - 10w
MCP-427	240C-38	Spacer Plate - 8w
MCP-247	240C-33	Spacer Plate - 8w
MCP-99	240C-99	Spacer Plate - 7w
MCP-79	240C-79 Type	Spacer Plate - 9w
MCP-722	240C-92	Spacer Plate - 10w
MCP-724	240C-70	Spacer Plate - 10w
MCP-11-1	160C-11-1	Disc Hub Shim 0.005" - 8w
MCP-250	160C-11	Disc Hub Shim 0.010" - 8w
MCP-250A		Disc Hub Shim 0.015" - 8w
MCP-250B		Disc Hub Shim 0.030" - 8w
MCP-20-1	160C-20-1	Disc Hub Shim 0.005" - 10W
MCP-723	160C-20	Disc Hub Shim 0.010" - 10W
MCP-723A		Disc Hub Shim 0.015" - 10W
MCP-723B		Disc Hub Shim 0.030" - 10W
MCP-251	199C-12	Spacer Rivet - 8w / 10w
MCP-252	199C-67	Hub Rivet - 8w / 10w
MCP-79	199C-79	Spacer Rivet - 7w / 9w
MCP-81	199C-81	Hub Rivet - 7w / 9w

HEAVY DUTY COMPONENTS



PART #	DESCRIPTION	APPLICATION
M-140-9-1656	Lipe 4 Paddles Clutch	Various LiPe Applications
M-431	MACK Disc Spring / 277C339	Dana Assemblies 128362, 128363
M-432	Spicer Disc Spring	Dana Assemblies 128362, 128363
M-433	Spicer Disc Spring / 125730	Dana Assemblies 128238, 128239, 128441, 128442, 128331, 128332, 128329, 128330
M-434	Spicer Disc Spring / 277C323	Dana Assemblies 128257, 128258, 128445, 128446, Outer Spring
M-435	Spicer Disc Spring / 277C324	Dana Assemblies 128257, 128258, 128445, 128446, Inner Spring
M-042-SC	Clutch Release Bearing	Various Angle Spring applications
M-289	Pilot Bearing OEM#4746643	1994-95 Dodge Cummins Diesel 5.9L
M-1852	Diaphragm Rivet	CA-0087-02 / Sachs
M-2582-OS	Oversize Lug / Release Sleeve Retainer 1-3/4"	14" & 15.5" Spicer type cover assemblies
M-2590-OS	Oversize Lug / Release Sleeve Retainer 2"	14" & 15.5" Spicer type cover assemblies
M-5347-B	Replaces Needle Roller in 47559-06 Cover Assembly	47559-06
M-2667	Pressure Spring / 277C383	4" & 15.5" Spicer type cover assemblies
M-5902	LiPe Release Lever	OEM C60-107
M-5903	LiPe Release Lever	OEM C60-108
M-649	Pilot Bushing	S10, S15 Early Automatic Transmission 1981-84
M-2685	Drive Strap - Cover to Plate	Spicer Auburn 14" Long Strap



M-2582-OS
Release
Sleeve
Retainer OS



M-2590-OS
Release
Sleeve
Retainer OS



HEAVY DUTY COMPONENTS

Spicer 15-1/2” Disc

W/Front & Rear Hub Cast 2” - 10 Spline

O.E.M. # 128257 & # 128258 (10 Spring)

Front & Rear Hub

PART NUMBER	DESCRIPTION REPLACES	OEM NUMBER
M-720	Front Plate	167C-537
M-721	Back Plate	259C-147
M-722	Spacer Plate (0.40)	240C-64
M-723	Disc Shim (.10")	160C-20-1
M-723-A	Disc Shim (.15")	160C-20-1
M-723-B	Disc Shim (.30")	160C-20-2
M-724	Spacer Plate (.70")	240C-70
M-725	Front Hub	166C-901



M-727 / M-728
Front Plate
14” & 15-1/2” Spicer Plate



M-2685
DRIVE STRAP
COVER TO PLATE
SPICER AUBURN 14”
STAMPED COVER ANGLE SPRING
LONG STRAP LATE MODEL



CP-723 A & B
M-723 A & B
Disc Shim



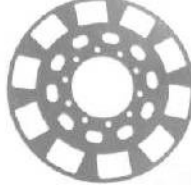
CP-725
M-725
Hub Front



M-724
Reinf. Plate

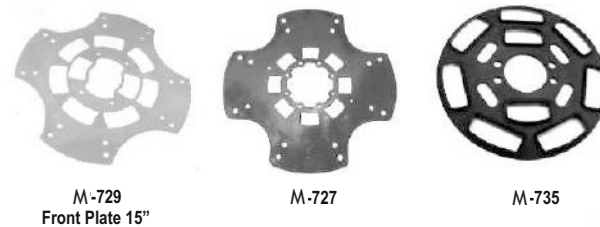


M-722
Spacer Plate



HEAVY DUTY COMPONENTS

PART #	REF. PART #	DESCRIPTION
M-1480-AR	M-2627	14" Adaptor Ring
	M-1480	14" Center Plate
M-1632	113C151	15-1/2" Center Plate ID 9.9"
M-1633	M-452	15-1/2" Pressure Plate ID 9.9"
M-3004	M-3000	Fleet Adjuster
M-2679-H	M-2679	Clutch Brake 2" Hinged
M-2678-H	M-2678	Clutch Brake 1-3/4" Hinged
M-2976-PO	M-2677	Clutch Brake 1-3/4" 1 pc solid
M-2977-PO	M-2676	Clutch Brake 2" 1 pc solid
M-245	167C559	Front Plate 14" 8S 3P
M-727	167C544	Front Plate 14" 8S 4P
	CO55	Spring Outer 8S 15" & 14"
	CO026	Spring Inner 8S 15" & 14"
M-55		Hub 9S Front
M-739	10997C10-1	Front Plate 15" 7S & 9S 4 P
M-740	10997C9-2	Front Plate 15" 7S 6P
M-730	M-129462-2	Front Plate 15" 9S 6P
M-731	M-128537-2	Spacer Plate 15" 7S 9S 4P 6P
M-732	10997C9-5	Reinf. Disc 15" 7S 9S 4P 6P
M-733	10997C9-4	Back Plate 15" 7S 4P 6P
M-734	10997C10-3	Back Plate 15" 9S 4P 6P
M-735	10997C10-3	Spring Inner
M-431	10997C9-10	Spring Outer
M-438	10997C9-8	Front Plate 10S or full
M-736	M-128544-2	Front Plate 10S 6P
M-737	M-128539-2	Disc Springs 10 Spg
	M-47	Disc Springs
M-47	M-30	Mack PTO Adapter
M-2604	M-1003	



CLUTCH BRAKE

1-3/4" & 2" SPLINE PULL-TYPE CLUTCHES

ALL MAJOR MEDIUM & HEAVY DUTY APPLICATIONS COVERED



M-2678-H & M-2679-H
Clutch Brake
1-3/4" & 2" Hinged



M-2676-PO & M-2677-PO
Clutch Brake 1 Pc. Solid
1-3/4" & 2" Hinged



M-2664 / M-2665
Clutch Brake
Torque Limit 1-3/4" & 2"



M-2504-L / M-2540
Brake Disc Fibre



M-2976 / M-2977
PT-2976-T / PT-2977-T



M-2978 / M-2979



M-2605 / M-2606



M-2678 / M-2679

1-3/4" Clutch Brake

M-2503-L	Brake Disc - Steel (1 required - Used w/M-2504-L)	.140" Thick
M-2504-L	Brake Disc - Fibre (2 required - Used w/M-2503-L)	.130" Thick
M-2605	Quick Change Clutch Brake (Midland Design)	.395" Thick
M-2664	Torque Limiting Clutch Brake (Dana Design)	.395" Thick
M-2678	Two Piece Clutch Brake (Dana Design)	.395" Thick
M-2976	One Piece Clutch Brake (Babcock Design)	.395" Thick
M-2976-T	One Piece Clutch Brake	.395" Thick
M-2978	Torque Limiting Clutch Brake (Dana Design)	.495" Thick
M-2664	Two Piece Clutch Brake (Dana Design)	.395" Thick

2" Clutch Brake

M-2540	Brake Disc - Fibre (2 required - Used w/PT-2541)	.130" Thick
M-2541	Brake Disc - Steel (1 required - used w/PT-2540)	.140" Thick
M-2606	Quick Change Clutch Brake (Midland Design)	.395" Thick
M-2665	Torque Clutch Brake (Midland Design)	.395" Thick
M-2679	Two Piece Clutch Brake (Babcock Design)	.395" Thick
M-2977	One Piece Clutch Brake	.395" Thick
M-2977-T	One Piece Clutch Brake (Thicker than Standard)	.495" Thick
M-2979	Two Piece Clutch Brake (Dana Design)	.395" Thick

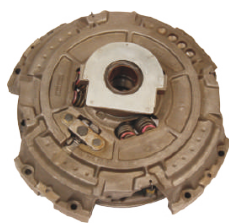
Thickness listed are for reference purpose only - actual thickness may vary slightly.



Notes

A series of horizontal dotted lines for taking notes.

Comprehensive Range



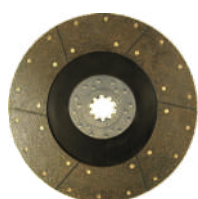
15-1/2" CLUTCH



14" CLUTCH



14" CLUTCH



RIGID
ORGANIC DISC



8 SPRING
ORGANIC DISC



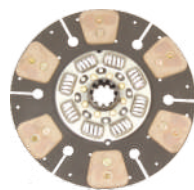
8 SPG 3 PADS
CERAMIC DISC



8 SPG 3 PADS
CERAMIC DISC (TRAP)



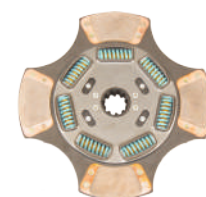
8 SPG 4 PADS
CERAMIC DISC



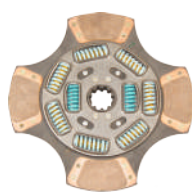
8 SPG 6 VTL
CERAMIC DISC



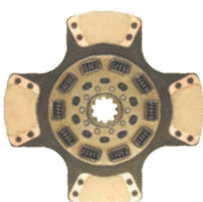
8 SPRING
ORGANIC DISC



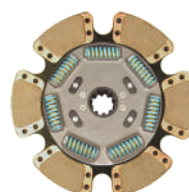
7 SPG 4 PADS
CERAMIC DISC



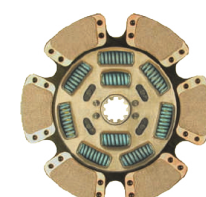
9 SPG 4 PADS
CERAMIC DISC



10 SPG 4 PADS
CERAMIC DISC



7 SPG 6 PADS
CERAMIC DISC



9 SPG 6 PADS
CERAMIC DISC