MUSTANG Application Guide

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Motive Geographice

POWERTRAX°



Moffwe Geor Performance Moffwe Geor





Ford 8"

Ford 8" Ring & Pinions	Performance	
3.00	F880300	
3.25	F880325	
3.40	F880340	
3.55	F880355	
3.80	F880380	
4.11	F880411	
Ford 8" Master Installation Kits		
Kit with Koyo Bearings	RA310RMK	
Kit with Timken Bearings	RA310RMKT	
Kit with Koyo for Aftermarket carriers	RA310RAMK	
Kit with Timken for Aftermarket carriers	RA310RAMKT	
PowerTrax Differentials	Lock-Right	1810-LR
Ford 8" 28-spline	No-Slip	9206802800
	Grip LS	LS108028
	Grip PRO	GT108028
Ford 8" Master Installation Kits		
Kit with Koyo Bearings	RA310RMK	
Kit with Timken Bearings	RA310RMKT	
Kit with Koyo for Aftermarket carriers	RA310RAMK	
Kit with Timken for Aftermarket carriers	RA310RAMKT	
PowerTrax Differentials	Lock-Right	1810-LR
Ford 8" 28-spline	No-Slip	9206802800
	Grip LS	LS108028
	Grip PRO	GT108028

Ford 9"

Ford 9" Ring & Pinions	Motive Gear	Motive Gear Performance	Performance AX Lightened	Performance PRO 28-spline	Performance PRO 35-spline
3.00	F9-300	F890300			
3.25	F9-325	F890325			
3.50	F9-350	F890350		F990350SP	
3.64		F890364			
3.70	F9-370	F890370		F990370SP	F990370BP
3.75		F890375			
3.80		F890380N			
3.89	F9-389	F890389		F990389SP	F990389BP
4.00		F890400N			
4.11	F9-411	F890411			F990411BP
4.30		F890430		F990429SP	F990429BP
4.56	F9-456	F890457		F990457SP	F990457BP
4.71				F990471SP	
4.78			F890478AX		
4.86	F9-486	F890486			F990486BP

Ford 9"

Ford 9" Bearing kits	
2.89" Stock support-T/L Bolts-Timken	R9R28MKTP
2.89" Stock support-Open Bolts-Koyo	R9R28MK
2.89" Stock support-Open Bolts-Koyo	R9RMK
2.89" Stock support-Open Bolts-Timken	R9RMKT
2.89" Stock support-T/L Bolts-Koyo	R9RMKP
2.89" Daytona support-Open Bolts-Timken	R9RNMK
3.06" Stock support-Open Bolts-Timken	R9R306SMK
3.06" Stock support-T/L Bolts-Timken	R9RSMKTP
3.06" Daytona support-Open Bolts-Timken	R9R306MK
3.06" Daytona support-T/L Bolts-Timken	R9R306MKTP
3.25" Stock Support-Open Bolts-Timken	R9R325SMK
3.25" Daytona Support-Open Bolts-Timken	R9R325MK

-28
-31
8LW
1LW
5LW

Ford 9"

	28 Spline	31 Spline	35-spline-30 degree pres- sure angle	35-spline-45 degree pres- sure angle	Performance PRO 35-spline
Grip LS		LS109031			
Grip PRO	GT109028	GT109031	GT109035	GT109035-45	
Grip LOK	LK109028	LK109031			
Lock- Right	1810-LR	1810-LR			
No-Slip	9206802800	9206903100			F990370BP



Ford 75"

101u 7.5			
Ford 7.5" Ring & Pinions	Motive Gear	Performance	PRO Gears
3.08	F7.5-308		
3.45	F7.5-345		
3.73	F7.5-373		
4.10	F7.5-410		
4.56		F875456	
Ford 7.5" Master Installation Kits			
Kit with Koyo Bearings	R7.5FRMK		
Kit with Timken Bearings	R7.5FRMKT		

g-		
Ford 7.5" TEN Factory Axles	TEN Factory	
28-spline 29" 4 lug	MG22182	
28-spline 29" 5 lug	MG22180	

Ford 7.5" PowerTrax Differentials	Lock-Right
For 28-spline	1830-LR

Ford 8.8"

Ford 8.8" Ring & Pinions	Motive Gear	Performance	PRO Gears
3.08	F8.8-308		
3.27	F8.8-327		
3.31		F888331	
3.55	F8.8-355	F888355	
3.73	F8.8-373	F888373	
3.90		F888390	F988390
4.10	F8.8-410	F888410	
4.30		F888430	
4.56	F8.8-456	F888456	
4.88	F8.8-488	F888488	
5.14		F888514	
5.71		F888571	

Ford 8.8" Master Installation Kits	5	
Kit with Koyo Bearings	R8.8RMK	
Kit with Timken Bearings	R8.8RMKT	
Ford 8.8" Motive Gear Spools		
Mini Spool for 29 coling	MC00 20	

Mini-Spool for 28-spline	MS88-28
Mini-Spool for 31-spline 7/8" cross pin	MS88-31
Full Spool for 31-spline	FS8.8-31

Ford 8.8" PowerTrax Differentials	Lock-Right	No-Slip (Open-Diff Only)
28-spline	1820-LR	9206882807
	Grip LS	Grip PRO
31-spline	LS108831	GT108831

Ford 8.8" TEN Factory Axles	TEN Factory	
28-spline 29" 4 lug	MG22182	
28-spline 29" 5 lug	MG22180	
31-spline 29" 4 lug	MG22183	
31-spline 29" 5 lug	MG22181	

Ford 7.5"

Ford 7.5" Ring & Pinions	Motive Gear	Performance	PRO Gears
3.08	F7.5-308		
3.45	F7.5-345		
3.73	F7.5-373		
4.10	F7.5-410		
4.56		F875456	
Ford 7.5" Master Installation Kits			
Kit with Koyo Bearings	R7.5FRMK		
Kit with Timken Bearings	R7.5FRMKT		
Ford 7.5" TEN Factory Axles	TEN Factory		
28-spline 29.94" 5 lug	MG22184		
Ford 7.5" PowerTrax Differentials	Lock-Right		
For 28-spline	1830-LR		

Ford 8.8"

Ford 8.8" Ring & Pinions	Motive Gear	Performance	PRO Gears
3.08	F8.8-308		
3.27	F8.8-327		
3.31		F888331	
3.55	F8.8-355	F888355	
3.73	F8.8-373	F888373	
3.90		F888390	F988390
4.10	F8.8-410	F888410	
4.30		F888430	
4.56	F8.8-456	F888456	
4.88	F8.8-488	F888488	
5.14		F888514	
5.71		F888571	

Ford 8.8" Master Installation Kits Kit with Koyo Bearings R8.8RMK Kit with Timken Bearings R8.8RMKT

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Ford 8.8" Motive Gear Spools	
Mini-Spool for 28-spline	MS88-28

Mini-Spool for 28-spline Mi	
Mini-Spool for 31-spline with 7/8" cross pin	S88-31
Full Spool for 31-spline FS	88.8-31

Ford 8.8" PowerTrax Differentials	Lock-Right	No-Slip (Open-Diff Only)
For 28-spline	1820-LR	9206882807
	Grip LS	Grip PRO
For 31-spline	LS108831	GT108831

TEN Factory	
MG22184	
MG22185	
	MG22184



Ford 7.5"

Ford 7.5" Ring & Pinions	Motive Gear	Performance	PRO Gears
3.08	F7.5-308		
3.45	F7.5-345		
3.73	F7.5-373		
4.10	F7.5-410		
4.56		F875456	
Ford 7.5" Master Installation Kits			
Kit with Koyo Bearings	R7.5FRMK		
Kit with Timken Bearings	R7.5FRMKT		
Ford 7.5" TEN Factory Axles	TEN Factory		
28-spline 30.63" 5 lug	MG22186		
Ford 7.5" PowerTrax Differentials	Lock-Right		

1830-LR

Ford 8.8"

For 28-spline

Ford 8.8" Ring & Pinions	Motive Gear	Performance	PRO Gears
3.08	F8.8-308		
3.27	F8.8-327		
3.31		F888331	
3.55	F8.8-355	F888355	
3.73	F8.8-373	F888373	
3.90		F888390	F988390
4.10	F8.8-410	F888410	
4.30		F888430	
4.56	F8.8-456	F888456	
4.88	F8.8-488	F888488	
5.14		F888514	
5.71		F888571	

Ford 8.8" Master Installation K	its	
Kit with Koyo Bearings	R8.8RMK	
Kit with Timken Bearings	R8.8RMKT	
Ford & &" Motive Gear Spools		

Ford 8.8 Motive Gear Spools	
Mini-Spool for 28-spline	MS88-28
Mini-Spool for 31-spline 7/8" cross pin	MS88-31
Full Spool for 31-spline	FS8.8-31

Ford 8.8" PowerTrax Differentials	Lock-Right	No-Slip (Open-Diff Only)
For 28-spline	1820-LR	9206882807
	Grip LS	Grip PRO
For 31-spline	LS108831	GT108831

Ford 8.8" TEN Factory Axles	TEN Factory	
28-spline 30.63" 5 lug	MG22186	
31-spline 30.63" 5 lug	MG22187	

Ford 7.5"

Ford 7.5" Ring & Pinions	Motive Gear	Performance	PRO Gears
3.08	F7.5-308		
3.45	F7.5-345		
3.73	F7.5-373		
4.10	F7.5-410		
4.56		F875456	
Ford 7.5" Master Installation Kits			
Ford 7.5" 2005-10 - Koyo	R7.5FRMK		
Ford 7.5" 2005-10 - Timken	R7.5FRMKT		
Ford 7.5" PowerTrax Differentials	Lock-Right		
Ford 7.5" 28-spline 2005-10	1830-LR		
Ford 7.5" PowerTrax Differentials	Lock-Right		
For 28-spline	1830-LR		

Ford 8.8"

Ford 8.8" Ring & Pinions	Motive Gear	Performance	PRO Gears
3.08	F8.8-308		
3.27	F8.8-327		
3.31		F888331	
3.55	F8.8-355	F888355	
3.73	F8.8-373	F888373	
3.90		F888390	F988390
4.10	F8.8-410	F888410	
4.30		F888430	
4.56	F8.8-456	F888456	
4.88	F8.8-488	F888488	
5.14		F888514	
5.71		F888571	

Ford 8.8" Master Installation Kits	
2005-09 - With Koyo Bearings	R8.8RMK
2005-09 - With Timken Bearings	R8.8RMKT
2010-14 - With Koyo Bearings	R8.8RLMK

Ford 8.8" Motive Gear Spools	
Mini-Spool for 28-spline	MS88-28
Mini-Spool for 31-spline 7/8" cross pin	MS88-31
Full Spool for 31-spline	FS8.8-31

Ford 8.8" PowerTrax Differentials	Lock-Right	No-Slip (Open-Diff Only)
Ford 8.8" 28-spline	1820-LR	9206882807
	Grip LS	Grip PRO
Ford 8.8" 31-spline	LS108831	GT108831

Ford 8.8" TEN Factory Axles	TEN Factory	
2005-14 Mustang GT 31-spline 5 lug	MG22189	
2011-14 Mustang V6 31-spline 5 lug	MG22189	





Motive Gear Bearing Kits

Motive Gear assembles and stocks more differential, manual transmission, and transfer case bearing kits than any other supplier in the country (over 1,000 part numbers)! We can provide you with individual bearings and seals, including: tapered, roller, cylindrical, and ball bearings - in all of the quality brands that you know and trust. Our bearing kits feature high quality brands like Timken and Koyo.

Master Kits, seal and gasket kits, installation kits, gasketonly kits, you name it, Motive Gear can supply it!



Motive Gear Spools and Cases

Motive Gear designs, engineers and produces a full line of mini and full spools for performance applications including AMC, Chrysler, Dana, Ford, GM, and Toyota. These high quality spools are manufactured using only 4140 high strength steel, and are available in a variety of axle splines.

Cases are also available from Motive Gear, for both open and posi-traction applications. Motive Gear cases are available both empty and loaded.

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Motive Gear Yokes

Yoke packages come complete with everything you need to install them in your vehicle, including: hardened grade-8 locknut, washer, and chromoly u-bolts. All Motive Gear billet chromoly yokes are 4120 or 4240H bar stock, computer-controlled heat treated to 34-38 Rockwell® C. All true billet yokes have the finest and most consistent quality hardened steel available.



For over 60 years, Motive Gear has supplied quality axle shafts for light duty, medium duty, off road and high performance applications! In order to provide the automotive and light truck marketplace with even more options every year, we created TEN Factory axles. All stock performance axle shafts by Motive Gear are quality replacements for original manufacturer's equipment, while TEN Factory's line of performance axles provide more options in chromoly steel.

Check out www.TenFactory.com and www.MotiveGear.com



Manual Transmissions, Transfer Cases & Related Parts

Motive Gear stocks a complete line of manual transmission and transfer case parts for most popular models. We have new and rebuilt car and light truck transmissions with 2, 3, 4, 5, and 6 speed units included in our inventory.

See www.MotiveGear.com for more information or call us at (800) 934-2727.



Internal Kits

Motive Gear supplies and stocks a full line of mini and full Motive Gear supplies internal kits for open and posi-traction differentials.

Open Differential:

Side gears, side gear washers, pinion gears, pinion gear washers, pinion shaft and lock bolt or roll pin.

Posi Differential:

Side gears, side gear washers, pinion gears, pinion gear washers, pinion shaft, pinion block (where applicable), lock bolt or roll pin and clutches or posi plates and retainers (where applicable).