

# CAR/MINI-VAN/SUV/TRUCK APPLICATIONS

DODGE/RAM-cont.			REAR			Thrust Plate	FRONT		
Model/Body Style	Year	Drive Type	CAMBER/TOOL	TOE/TOOL	Page		CASTER/TOOL	CAMBER/TOOL	Page
Ram 2500	14-20	4WD	N/A	N/A		23800(*)/ <b>23780, 72509</b> 82387(16)	23800(*)/ <b>23780, 72509</b>	78,78 <b>163,169</b> 123	
<b>Stock Replacement Part</b>						23610, 23615		77	
Ram 2500	10-13	4WD	N/A	N/A		■ 23800(*)/ <b>23780, 72509</b> 82386(16)	23800(*)/ <b>23780, 72509</b>	78,78 <b>163,169</b> 123	
Ram 2500	03-09	4WD	N/A	N/A		■ 23800(*)/ <b>23780, 72509</b> 82385(16)	23800(*)/ <b>23780, 72509</b>	78,78 <b>163,169</b> 123	
Ram 2500	00-02	4WD	N/A	N/A		■ 23710(*)/ <b>23780, 72509</b> 82385(16)	23710(*)/ <b>23780, 72509</b>	78,78 <b>163,169</b> 123	
Ram 2500	00-13	RWD	N/A	N/A		■ OEMA	OEMA		
Ram 2500	94-99	RWD	N/A	N/A		■ OEMA/8286	OEMA/8286	<b>163,163</b>	
Ram 2500 w/HD Dana 60 Fr Axle	94-99	4WD	N/A	N/A		■ 23130(*)/ <b>88830, 77880</b> 24130/74500 82395(16)	23130(*)/ <b>88830, 77880</b> 24130/74500	75,75 <b>175,171</b> 79/170 124	
Ram 2500 w/LD Dana 44 Fr Axle.	94-99	4WD	N/A	N/A		■ 23510(*)/ <b>23580, 72509</b>	23510(*)/ <b>23580, 72509</b>	78,78 <b>163,169</b>	
Ram 3500	14-19	4WD	N/A	N/A		■ 23800(*)/ <b>23780, 72509</b> 82387(16)	23800(*)/ <b>23780, 72509</b>	78,78 <b>163,169</b> 123	
<b>Stock Replacement Part</b>						23610, 23615		77	
Ram 3500 w/mono beam	14-20	RWD	N/A	N/A		■ 23800(*)/ <b>23780, 72509</b> 82387(16)	23800(*)/ <b>23780, 72509</b>	78,78 <b>163,169</b> 123	
<b>Stock Replacement Part</b>						23610, 23615		77	
Ram 3500 w/o mono beam	13-20	RWD	N/A	N/A		■ OEMA	OEMA		
<b>Stock Replacement Part</b>						23610, 23615		77	
Ram 3500	10-20	4WD	N/A	N/A		■ 23800(*)/ <b>23780, 72509</b> 82386(16)	23800(*)/ <b>23780, 72509</b>	78,78 <b>163,169</b> 123	
Ram 3500 w/mono beam	10-13	RWD	N/A	N/A		■ 23800(*)/ <b>23780, 72509</b> 82386(16)	23800(*)/ <b>23780, 72509</b>	78,78 <b>163,169</b> 123	
Ram 3500	03-09	4WD	N/A	N/A		■ 23800(*)/ <b>23780, 72509</b> 82385(16)	23800(*)/ <b>23780, 72509</b>	78,78 <b>163,169</b> 123	
Ram 3500 w/mono beam	03-09	RWD	N/A	N/A		■ 23800(*)/ <b>23780, 72509</b> 82385(16)	23800(*)/ <b>23780, 72509</b>	78,78 <b>163,169</b> 123	
Ram 3500 w/o mono beam	03-12	RWD	N/A	N/A		■ OEMA	OEMA		
Ram 3500	00-02	4WD	N/A	N/A		■ 23710(*)/ <b>23780, 72509</b> 82385(16)	23710(*)/ <b>23780, 72509</b>	78,78 <b>163,169</b> 123	
Ram 3500 w/mono beam	00-02	RWD	N/A	N/A		■ 23710(*)/ <b>23780, 72509</b> 82385(16)	23710(*)/ <b>23780, 72509</b>	78,78 <b>163,169</b> 123	
Ram 3500	94-99	4WD	N/A	N/A		■ 23130(*)/ <b>88830, 77880</b> 24130/74500 82395(16)	23130(*)/ <b>88830, 77880</b> 24130/74500	75,75 <b>175,171</b> 79/170 124	



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**BOLD PART NUMBER INDICATES PREFERRED CORRECTION METHOD** • WB = Check [www.specprod.com](http://www.specprod.com) for more information ■ = Thrust Plate, pg. 85  
Alignment Footnotes on page 70 • N/A = No Available Adjuster • OEMA = Original Equipment Manufacturer Adjustment • (\*) = Series P/N, see page for size  
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# Applications

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### DODGE/RAM-cont.

### REAR

### FRONT

Model/Body Style	Year	Drive Type	CAMBER/TOOL	TOE/TOOL	Page	Thrust Plate	CASTER/TOOL	CAMBER/TOOL	Page
Ram 3500 w/mono beam	94-99	RWD	N/A	N/A		■	23130(*)/ 88830, 77880 24130/74500 82395(16)	23130(*)/ 88830, 77880 24130/74500	75,75 175,171 79/170 124
Ram 3500 w/o mono beam	94-02	RWD	N/A	N/A		■	OEMA/8286	OEMA/8286	163,163
Ram 4500 / 5500	08-18	RWD/4WD	N/A	N/A		■	N/A	23850(*)/88360	78/175
Ramcharger AD150	90-96	RWD	N/A	N/A		■	OEMA/8286	OEMA/8286	163,163
Ramcharger	74-87	RWD	N/A	N/A			OEMA 83160	OEMA 83160	124,124
Ramcharger	74-87	4WD	N/A	N/A			23000(*)/4169	23000(*)/4169	74/163
Ramcharger AD150	72-89	RWD	N/A	N/A		■	OEMA 83160	OEMA 83160	124,124
Rampage	82-84	FWD	75200(1)	75200(1)	116,116		N/A	OEMA 83170/85130	125/173
Shadow	87-94	FWD	75200(1)	75200(1)	116,116		N/A	OEMA 83170/85130	125/173
Spirit	89-96	FWD	75200(1)	75200(1)	116,116		N/A	OEMA 83170/85130	125/173
Sprinter 2500	07-09	RWD	N/A	N/A		■	N/A	35077	84
Sprinter 2500	03-06	RWD	N/A	N/A		■	N/A	35075, 35076	84,84
Sprinter 3500	07-09	RWD	N/A	N/A			N/A	35077	84
Sprinter 3500	03-06	RWD	N/A	N/A			N/A	35075, 35076	84,84
Stealth	91-96	FWD/AWD	OEMA	OEMA			N/A	81250	117
Stratus4Dr.	04-06	FWD	67025	OEMA	87		N/A	67180/40920	89/165
Stratus 2Dr. 73400 must be used with 73415	01-05	FWD	73400+73415(7) 73600, 73620(8)	OEMA	115,115 115,115		N/A	81280 82120/85130	117 122/173
Stratus 4Dr.	95-03	FWD	OEMA	OEMA			N/A	67180/40920	89/165
Viper	13-17	RWD	OEMA	OEMA			OEMA	OEMA	
Viper	94-10	RWD	OEMA	OEMA			OEMA	OEMA	
W100 W150 AW150 Truck	72-93	4WD	N/A	N/A		■	23000(*)/4169	23000(*)/4169	74/163
W200 W250 Truck w/ Dana 44	72-93	4WD	N/A	N/A			23000(*)/4169	23000(*)/4169	74/163
W200 W250 Truck w/ Dana 60	72-93	4WD	N/A	N/A		■	88940	88940	134,134
W300 W350 Truck w/ Dana 60	75-93	4WD	N/A	N/A		■	Axle Wedges 88940	88940	144,134 134
W300 W350 Truck	60-93	4WD	N/A	N/A		■	Axle Wedges	N/A	144

### EAGLE

Medallion	88-89	FWD	75200(1)	75200(1)	116,116		N/A	81280 82120/85130	117 122/173
Premier	88-92	FWD	75200(1)	75200(1)	116,116		N/A	81280 82120/85130	117 122/173
Summit SW	92-96	FWD/AWD	N/A	OEMA			N/A	81250	117
Summit	89-96	FWD	N/A	N/A			N/A	81250	117
Talon 73400 must be used with 73415	95-98	FWD/AWD	73400+73415(7) 73600, 73620(8)	OEMA	115,115 115,115		N/A	67170/40920 67370(8)	89/165 92/165
Talon	90-94	AWD	OEMA	OEMA			N/A	81250	117
Talon	90-94	FWD	N/A	N/A			N/A	81250	117
Vision	93-97	FWD	67020	OEMA	WB		N/A	81280 82120/85130	117 122/173

### FIAT

124 Spider	17-20	RWD	OEMA	OEMA			OEMA	OEMA	
500	12-19	FWD	71770(*)	71770(*)	104,104		N/A	81240	117
500x	16-20	FWD/AWD	81250	N/A	117		N/A	81250	117
500L	14-20	FWD	N/A	N/A			N/A	81250	117

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FORD			REAR			Thrust Plate	FRONT		
Model/Body Style	Year	Drive Type	CAMBER/TOOL	TOE/TOOL	Page		CASTER/TOOL	CAMBER/TOOL	Page
Aerostar	86-97	RWD/4WD	N/A	N/A		47700(*)	47700(*)	84,84	
Aspire	95-97	FWD	75200(1)	75200(1)	116,116	N/A	OEMA 81250	117	
Bronco	80-96	4WD	N/A	N/A		23100(*)/ 77880, 88830 24130/74500	23100(*)/ 77880, 88830 24130/74500	75,75 171,175 79,170	
Bronco	71-79	4WD	N/A	N/A		23000(*)/4169	23000(*)/4169	74/163	
Bronco II Dana 35 (Late 1990)	90-90	4WD	N/A	N/A		23180(*)/87175 77880, 88830 24180/ 74400, 74500	23180(*)/87175 77880, 88830 24180/ 74400, 74500	75/173 171,175 79,79 170,170	
Bronco II Dana 35 (Late 1990)	89-90	RWD	N/A	N/A		23180(*)/87175 77880, 88830 24180/ 74400, 74500	23180(*)/87175 77880, 88830 24180/ 74400, 74500	75/173 171,175 79,79 170,170	
Bronco II	84-88	RWD	N/A	N/A		N/A	24160/74400	79/170	
Bronco II Dana 28 (Early 1990)	83-90	4WD	N/A	N/A		24120/74500	24120/74500	79/170	
C-Max	13-18	FWD	67420	OEMA	93	N/A	OEMA		
Contour	95-00	FWD	N/A	OEMA		89675	89675	WB	
Crown Victoria	03-12	RWD	N/A	N/A		OEMA	OEMA 87365/ 85130,02099	132 173,180	
Crown Victoria	92-02	RWD	N/A	N/A		OEMA	OEMA/88325	174	
Crown Victoria	80-91	RWD	N/A	N/A		OEMA	OEMA		
E-150	92-14	RWD	N/A	N/A		23180(*)/87175 77880, 88830 24180/ 74400,74500 87280(26)	23180(*)/87175 77880, 88830 24180/ 74400,74500	75/173 171,175 79,79 170,170 131	
E-150 w/king pins	65-90	RWD	N/A	N/A		N/A	N/A		
E-250,E-350,E-450	92-20	RWD	N/A	N/A		23180(*)/87175 77880, 88830 24180/ 74400,74500 87280(26)	23180(*)/87175 77880, 88830 24180/ 74400,74500	75/173 171,175 79,79 170,170 131	
E-250,E-350,E-450 w/king pins	65-90	RWD	N/A	N/A		N/A	N/A		
EcoSport	18-20	FWD/AWD	N/A	OEMA		N/A	81250	117	
Edge	15-20	FWD/AWD	N/A	OEMA		N/A	81280	117	
Edge	07-14	FWD/AWD	OEMA	OEMA		N/A	81280	117	
Escape Inc. Hybrid	13-19	FWD/AWD	67420	OEMA	93	N/A	OEMA		
Escape Inc. Hybrid	01-12	FWD/AWD	67285/37995	OEMA	97/164	OEMA	OEMA 81250	117	
Escort	97-04	FWD	81250	OEMA	117	OEMA	OEMA 81250	117	
Escort	91-96	FWD	81250	OEMA 67070	117 WB	OEMA	OEMA 81250	117	
Escort	81-90	FWD	81250	OEMA	117	N/A	N/A		
Excursion	00-05	RWD	N/A	N/A		23180(*)/87175 77880, 88830 24180/ 74400,74500	23180(*)/87175 77880, 88830 24180/ 74400,74500	75/173 171,175 79,79 170,170	
Excursion	00-05	4WD	N/A	N/A		23130(*)/87175 77880, 88830 24130/74500	23130(*)/87175 77880, 88830 24130/74500	75/173 171,175 170,170	
Expedition	18-20	RWD/4WD	OEMA	OEMA		N/A	N/A		



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 Alignment Footnotes on page 70 • N/A = No Available Adjuster • OEMA = Original Equipment Manufacturer Adjustment • (\*) = Series P/N, see page for size  
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FORD-cont.			REAR			Thrust Plate	FRONT		
Model/Body Style	Year	Drive Type	CAMBER/TOOL	TOE/TOOL	Page		CASTER/TOOL	CAMBER/TOOL	Page
Expedition	07-17	RWD/4WD	OEMA 67275 86690	OEMA	90 131	OEMA <b>25680</b> 86250, 86252	OEMA <b>25680</b> 86250, 86252	82,82 127,127	
Expedition	03-06	RWD/4WD	86680	OEMA	131	86640/ <b>83820</b>	86640/ <b>83820</b>	131/ <b>172</b>	
Expedition	97-02	RWD/4WD	N/A	N/A		■ 87385	87385	132,132	
Explorer	11-19	RWD/4WD	OEMA 84130	OEMA	126	N/A	81280	117	
Explorer Sport Trac	07-10	RWD/4WD	OEMA	OEMA		OEMA	OEMA		
Explorer	06-10	RWD/4WD	OEMA	OEMA		OEMA	OEMA		
Explorer	04-05	4WD	86180	OEMA	127	86140	86140	127,127	
Explorer	02-03	4WD	86180	OEMA	127	86140	26012, 26014 86140	127,83,83 127	
Explorer 2 door 'Sport'	02-03	RWD/4WD	N/A	N/A		■ 87310 87500	87310 87500	131,131 133,133	
Explorer	02-05	RWD	86180	OEMA	127	86140	86140	127,127	
Explorer	01-01	RWD	N/A	N/A		■ 87310 87500	87310 87500	131,131 133,133	
Explorer	01-01	4WD	N/A	N/A		■ 87310 87500	26012, 26014 87310 87500	131,83,83 133,131 133	
Explorer Sport Trac	01-05	RWD	N/A	N/A		■ 87310 87500	87310 87500	131,131 133,133	
Explorer Sport Trac	01-05	4WD	N/A	N/A		■ 87310 87500	26012, 26014 87310 87500	131,83,83 133,13 133	
Explorer	95-00	RWD/4WD	N/A	N/A		■ 87310 87500	87310 87500	131,131 133,133	
Explorer	91-94	RWD/4WD	N/A	N/A		■ 23180(*)/ <b>87175</b> <b>77880, 88830</b> 24180/ <b>74400,74500</b>	23180(*)/ <b>87175</b> <b>77880, 88830</b> 24180/ <b>74400,74500</b>	75/ <b>173</b> <b>171,175</b> 79,79 <b>170,170</b>	
EXP	82-88	FWD	81250	OEMA	117	N/A	N/A		
F-100 w/ ball joint suspension	80-83	RWD/4WD	N/A	N/A		■ N/A	24160/ <b>74400</b>	79/ <b>170</b>	
F-100	66-79	4WD	N/A	N/A		■ 23000(*)/ <b>4169</b>	23000(*)/ <b>4169</b>	74/ <b>163</b>	
F-100 w/ king pin suspension	65-83	RWD	N/A	N/A		■ N/A	N/A		
F-150 Except Raptor	04-20	RWD/4WD	86255( <b>19</b> )	N/A	128	OEMA <b>25680</b> 86250, 86252	OEMA <b>25680</b> 86250, 86252	82,82 127,127	
F-150 Raptor	17-20	4WD	N/A	N/A		■ OEMA <b>86250</b> , 86252	OEMA <b>86250</b> , 86252	127,127	
F-150 Raptor	10-14	4WD	86255( <b>19</b> )	N/A	128	■ OEMA <b>86250</b> , 86252	OEMA <b>86250</b> , 86252	127,127	
F-150 Heritage	04-05	RWD/4WD	N/A	N/A		■ 87385	87385	132,132	
F-150	97-03	RWD/4WD	N/A	N/A		■ 87385	87385	132,132	
F-150	87-96	RWD	N/A	N/A		■ 23180(*)/ <b>87175</b> <b>77880, 88830</b> 24180/ <b>74400, 74500</b> 87280	23180(*)/ <b>87175</b> <b>77880, 88830</b> 24180/ <b>74400, 74500</b>	75/ <b>173</b> <b>171,175</b> 79,79 <b>170,170</b> 131	
F-150	82-86	RWD	N/A	N/A		■ N/A	24160/ <b>74400</b>	79/ <b>170</b>	
F-150	80-96	4WD	N/A	N/A		■ 23100(*)/ <b>77880, 88830</b> 24130/ <b>74500</b>	23100(*)/ <b>77880, 88830</b> 24130/ <b>74500</b>	74,74 <b>171,175</b> 79/ <b>170</b>	
F-150	66-79	4WD	N/A	N/A		■ 23000(*)/ <b>4169</b>	23000(*)/ <b>4169</b>	74/ <b>163</b>	
F-150 King Pin	65-90	RWD	N/A	N/A		■ N/A	N/A		
F-250 Solid Axle - Coil Spring	05-20	RWD/4WD	N/A	N/A		■ 23220(*) 23268, 23269 24220/ <b>74600</b>	23220(*) 23268, 23269 24220/ <b>74600</b>	76,76 76,76 79/ <b>170</b>	
F-250 Solid Axle - Leaf Spring	99-04	RWD/4WD	N/A	N/A		■ 23130(*)/ <b>77880, 88830</b> 24130/ <b>74500</b>	23130(*)/ <b>77880, 88830</b> 24130/ <b>74500</b>	75,75 <b>171,175</b> 79/ <b>170</b>	

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# CAR/MINI-VAN/SUV/TRUCK APPLICATIONS

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Model/Body Style	Year	Drive Type	CAMBER/TOOL	TOE/TOOL	Page	Thrust Plate	CASTER/TOOL	CAMBER/TOOL	Page
F-250 Twin I-Beam	98-20	RWD	N/A	N/A		■	23180(*)/87175 77880, 88830 24180/ 74400, 74500	23180(*)/87175 77880, 88830 24180/ 74400, 74500	75/173 171,175 79,79 170,170
F-250L/D	97-99	RWD/4WD	N/A	N/A		■	87385	87385	132,132
F-250	87-98	RWD	N/A	N/A		■	23180(*)/87175 77880, 88830 24180/ 74400, 74500	23180(*)/87175 77880, 88830 24180/ 74400, 74500	75/173 171,175 79,79 170,170
F-250	82-86	RWD	N/A	N/A		■	N/A	N/A	
F-250	80-98	4WD	N/A	N/A		■	23100(*)/ 77880, 88830 24130/74500	23100(*)/ 77880, 88830 24130/74500	74,74 171,175 79/170
F-250 Dana 60	74-79	4WD	N/A	N/A		■	88940	88940	134,134
F-250	73-79	4WD	N/A	N/A		■	Axle Wedges 23000(*)/4169	23000(*)/4169	144,74/163 74/163
F-250 King Pin	65-90	RWD	N/A	N/A		■	N/A	N/A	
F-350 Solid Axle - Coil Spring	05-20	RWD/4WD	N/A	N/A		■	23220(*) 23268, 23269 24220/74600	23220(*) 23268, 23269 24220/74600	76,76 76,76 79/170
F-350 Solid Axle - Leaf Spring	99-04	RWD/4WD	N/A	N/A		■	23130(*)/ 77880, 88830 24130/74500	23130(*)/ 77880, 88830 24130/74500	75,75 171,175 79/170
F-350 Twin I-Beam	98-20	RWD	N/A	N/A		■	23180(*)/87175 77880, 88830, 24180/ 74400, 74500	23180(*)/87175 77880, 88830, 24180/ 74400, 74500	75/173 171,175 79,79 170,170
F-350 Crew Cab	92-98	4WD	N/A	N/A		■	23130(*)/ 77880, 88830 24130/74500 87275	23130(*)/ 77880, 88830 24130/74500	75,75 171,175 79/170 WB
F-350	87-98	RWD	N/A	N/A		■	23180(*)/87175 77880, 88830, 24180/ 74400, 74500	23180(*)/87175 77880, 88830, 24180/ 74400, 74500	75/173 171,175 79,79 170,170
F-350	82-86	RWD	N/A	N/A		■	N/A	N/A	
F-350	80-98	4WD	N/A	N/A		■	23100(*)/ 77880, 88830 24130/74500	23100(*)/ 77880, 88830 24130/74500	75,75 171,175 79/170
F-350 Dana 60	74-91	4WD	N/A	N/A		■	88940	88940	134,134
F-350	73-79	4WD	N/A	N/A		■	Axle Wedges	N/A	144
F-350 King Pin	65-90	RWD	N/A	N/A		■	N/A	N/A	
F-450 w/ 10 lug axles	05-20	RWD/4WD	N/A	N/A		■	23230(*) 24230/74600	23230(*) 24230/74600	76,76 79/170
F-450 w/ 8 lug axles	05-20	RWD/4WD	N/A	N/A		■	23220(*) 23268, 23269 24220/74600	23220(*) 23268, 23269 24220/74600	76,76 76,76 79,170
F-450	99-04	RWD/4WD	N/A	N/A		■	23130(*)/ 77880, 88830 24130/74500	23130(*)/ 77880, 88830 24130/74500	75,75 171,175 79/170
F-550	05-20	RWD/4WD	N/A	N/A		■	23230(*) 24230/74600	23230(*) 24230/74600	76,76 79/170
F-550	99-04	RWD/4WD	N/A	N/A		■	23130(*)/ 77880, 88830 24130/74500	23130(*)/ 77880, 88830 24130/74500	75,75 171,175 79/170
Fairlane 94009, upper ball joint pg. 157	66-69	RWD	N/A	N/A			OEMA 94210	OEMA 94210 83160	135,135 124



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# CAR/MINI-VAN/SUV/TRUCK APPLICATIONS

FORD-cont.			REAR			Thrust Plate	FRONT		
Model/Body Style	Year	Drive Type	CAMBER/TOOL	TOE/TOOL	Page		CASTER/TOOL	CAMBER/TOOL	Page
Mustang	79-93	RWD	N/A	N/A		N/A	OEMA 81280 <b>82120/85130</b>	117 122/173	
Mustang II	74-78	RWD	N/A	N/A		OEMA 97260	OEMA 97260	140,140	
Mustang 94009, upper ball joint pg. 157	67-73	RWD	N/A	N/A		OEMA 94210	OEMA 94210 83160	135,135 124	
Mustang 94009, upper ball joint pg. 157	64-66	RWD	N/A	N/A		47700(*) 94215 94220	47700(*) 94215	84,84 135,135 135	
Police Interceptor Sedan	13-18	FWD/AWD	OEMA 84130	OEMA	126	N/A	N/A		
Police Interceptor Utility	13-18	RWD/4WD	OEMA 84130	OEMA	126	N/A	81280	117	
Probe	89-97	FWD	81250	OEMA	117	OEMA	OEMA 81250	117	
Ranchero 94009, upper ball joint pg. 157	66-71	RWD	N/A	N/A		OEMA 94210	OEMA 94210 83160	135,135 124	
Ranchero 94009, upper ball joint pg. 157	64-65	RWD	N/A	N/A		47700(*) 94215 94220	47700(*) 94215	84,84 135,135 135	
Ranger	19-20	RWD/4WD	N/A	N/A		OEMA 25670	OEMA 25670	82,82	
Ranger	03-11	RWD	N/A	N/A		■ 87500	87500	133,133	
Ranger	03-11	4WD	N/A	N/A		■ 87500	26012, 26014 87500	133,83,83 133	
Ranger	01-02	RWD/4WD	N/A	N/A		■ 87500	87500	133,133	
Ranger	98-00	RWD/4WD	N/A	N/A		■ 87310 87500	87310 87500	131,131 133,133	
Ranger Dana 35 Twin I-Beam	90-97	4WD	N/A	N/A		■ 23180(*)/87175 77880, 88830 24180/ 74400, 74500	23180(*)/87175 77880, 88830 24180/ 74400, 74500	75/173 171,175 79,79 170,170	
Ranger	89-97	RWD	N/A	N/A		■ 23180(*)/87175 77880, 88830 24180/ 74400, 74500 87280	23180(*)/87175 77880, 88830 24180/ 74400, 74500	75/173 171,175 79,79 170,170 131	
Ranger	83-88	RWD	N/A	N/A		■ 87275	24160/74400	WB,79/170	
Ranger Dana 28	83-89	4WD	N/A	N/A		■ 24120/74500	24120/74500	79/170	
Taurus	13-19	FWD/AWD	OEMA 84130	OEMA	126	N/A	N/A		
Taurus	10-12	FWD/AWD	OEMA 84130	OEMA	126	N/A	OEMA		
Taurus	08-09	AWD	67690	OEMA	101	N/A	OEMA		
<b>Stock Replacement Part</b>			12710		151				
Taurus	08-09	FWD	71760(*)	OEMA	104	N/A	OEMA		
Taurus X	08-09	AWD	67690	OEMA	101	N/A	OEMA		
<b>Stock Replacement Part</b>			12710		151				
Taurus X	08-09	FWD	71760(*)	OEMA	104	N/A	OEMA		
Taurus Wagon	96-05	FWD	87350/85130	OEMA/ 97650	132/173 175	OEMA/68670	OEMA 89635/68670	168 134/168	
Taurus Sedan 87325 Intended for use on OE adjusters - NOT intended for aftermarket parts	86-07	FWD	87330/ 8370, 87320	OEMA/87325 87330/ 8370, 87320	132/174 163/132 163,173	OEMA/68670	OEMA 89635/68670	168 134/168	



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# CAR/MINI-VAN/SUV/TRUCK APPLICATIONS

## LINCOLN-cont.

## REAR

## FRONT

Model/Body Style	Year	Drive Type	CAMBER/TOOL	TOE/TOOL	Page	Thrust Plate	CASTER/TOOL	CAMBER/TOOL	Page
Navigator	07-17	RWD/4WD	OEMA 67275 86690	OEMA	90 131		OEMA <b>25680</b> 86250, 86252	OEMA <b>25680</b> 86250, 86252	82,82 127,127
Navigator	03-06	RWD/4WD	86680	OEMA	131		86640/ <b>83820</b>	86640/ <b>83820</b>	131/ <b>172</b>
Navigator	98-02	RWD/4WD	N/A	N/A			87385	87385	132,132
Town Car	03-11	RWD	N/A	N/A			OEMA	OEMA 87365/ <b>02099, 85130</b>	132/ <b>180,173</b>
Town Car	91-02	RWD	N/A	N/A			OEMA	OEMA/ <b>88325</b>	<b>174</b>
Town Car	80-90	RWD	N/A	N/A			OEMA	OEMA	
Zephyr	06-06	FWD/AWD	OEMA 67425	OEMA	93		N/A	67115/ <b>40920</b>	89/ <b>165</b>

## MAZDA

2	11-14	FWD	N/A	N/A			N/A	81250	117
3	19-20	FWD/AWD	N/A	N/A			N/A	N/A	
3	14-18	FWD	67415	OEMA 67415 67417	93 93 93		N/A	81260	117
3 Inc. Mazdaspeed 3	04-13	FWD	67420	OEMA	93		N/A	N/A	
323	90-94	FWD/AWD	81250	OEMA 67070	117 WB		N/A	OEMA 81250	117
323	86-89	FWD/AWD	81250	OEMA	117		N/A	OEMA 81250	117
5	06-15	FWD	67420	OEMA	93		N/A	N/A	
6	14-20	FWD	N/A	OEMA			N/A	81280	117
6	09-13	FWD	67425	OEMA	93		N/A	N/A	
6 Inc. Mazdaspeed 6	03-08	FWD/AWD	OEMA 67425	OEMA	93		N/A	67115/ <b>40920</b>	89/ <b>165</b>
626	83-02	FWD	81250	OEMA	117		OEMA	OEMA 81250	117
626	79-82	RWD	N/A	N/A			N/A	N/A	
929	92-95	RWD	OEMA	OEMA			N/A	OEMA	
929	88-91	RWD	N/A	OEMA			OEMA	OEMA 81250	117
B-Series Pickup	98-12	RWD/4WD	N/A	N/A		■	87500	87500	133,133
B-Series Pickup	94-97	RWD/4WD	N/A	N/A		■	23180(*)/ <b>87175</b> <b>77880, 88830</b> 24180/ <b>74400, 74500</b> 87280( <b>24</b> )	23180(*)/ <b>87175</b> <b>77880, 88830</b> 24180/ <b>74400, 74500</b>	75/ <b>173</b> <b>171,175</b> 79,79 <b>170,170</b> 131
CX-3	16-20	FWD/AWD	N/A	N/A			N/A	81260	117
CX-5	13-19	FWD/AWD	67416/ <b>85130</b>	OEMA 67417/ <b>85130</b>	93/ <b>173</b> 93/ <b>173</b>		N/A	81280	117
CX-7	07-12	FWD/AWD	N/A	OEMA			OEMA	OEMA 81260	117
CX-9	16-20	FWD/AWD	N/A	OEMA			N/A	81280	117
CX-9	07-15	FWD/AWD	OEMA	OEMA			N/A	81260	117
GLC	82-85	FWD	81250	OEMA	117		N/A	OEMA 81250	117
GLC	77-83	RWD	N/A	N/A			N/A	N/A	
Millenia	95-02	FWD	OEMA	OEMA			N/A	OEMA	
MPV	89-07	FWD/AWD	N/A	N/A			OEMA	OEMA 81250	117
MX-3	92-95	FWD	81250	OEMA	117		N/A	OEMA 81250	117
MX-5 Miata (ND)	16-20	RWD	OEMA	OEMA			OEMA	OEMA	
MX-5 Miata (NC)	06-15	RWD	OEMA	OEMA			OEMA 83185	OEMA 83185	125,125
MX-5 Miata (NA/NB)	90-05	RWD	OEMA 83180	OEMA 83180	125,125		OEMA 83180	OEMA 83180	125,125
MX-6	88-97	FWD	81250	OEMA	117		OEMA	OEMA 81250	117

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# CAR/MINI-VAN/SUV/TRUCK APPLICATIONS

MAZDA-cont.			REAR			Thrust Plate	FRONT		
Model/Body Style	Year	Drive Type	CAMBER/TOOL	TOE/TOOL	Page		CASTER/TOOL	CAMBER/TOOL	Page
Navajo	91-94	RWD/4WD	N/A	N/A		■ 23180(*)/87175 77880, 88830, 24180/ 74400, 74500 87280(24)	23180(*)/87175 77880, 88830, 24180/ 74400, 74500	75/173 171,175 79,79 170,170 131	
Pickup	86-93	RWD/4WD	N/A	N/A		■ 47700(*)	47700(*)	84,84	
Protege	99-03	FWD/AWD	81250	OEMA	117	OEMA	OEMA 81250	117	
Protege	95-98	FWD/AWD	81250	OEMA 67070	117 WB	OEMA	OEMA 81250	117	
Protege	90-94	FWD/AWD	81250	OEMA	117	OEMA	OEMA 81250	117	
Protege5	02-03	FWD/AWD	81250	OEMA	117	OEMA	OEMA 81250	117	
RX-7	93-96	RWD	OEMA	OEMA		OEMA	OEMA		
RX-7	86-92	RWD	N/A	OEMA		OEMA	OEMA 81250	117	
RX-7	80-85	RWD	N/A	N/A		OEMA	OEMA		
RX-8	04-12	RWD	OEMA	OEMA		OEMA	OEMA		
Tribute	01-11	FWD/AWD	67285/37995	OEMA	91/164	OEMA	OEMA 81250	117	

## MERCEDES-BENZ

**NOTE: ON ALL MERCEDES - MANUFACTURER RECOMMENDS TOOL #99918 FOR SETTING TOE (PG. 175)**

A-Class W177	19-20	FWD/AWD	N/A	N/A		N/A	N/A	
B-Class W246	12-17	FWD	N/A	OEMA		N/A	81260	117
B-Class W245	05-11	FWD	N/A	OEMA		N/A	81260	117
C-Class W205/C205 Sedan & Coupe	16-20	RWD/AWD	28855(32)/ 72509, 76000	OEMA	83 169,171	N/A	N/A	
C-Class W204 Coupe	15-15	RWD	28855(32)/ 72509, 76000	OEMA	83 169,171	28815	28815	83,83
C-Class W204 4MATIC Coupe	15-15	AWD	28855(32)/ 72509, 76000	OEMA	83 169,171	28815	28815 81260	83,83 117
C-Class W205 Sedan	15-16	RWD/AWD	28855(32)/ 72509, 76000	OEMA	83 169,171	N/A	N/A	
C-Class W204	08-14	RWD	28855(32)/ 72509, 76000	OEMA	83 169,171	28815	28815	83,83
C-Class W204 4MATIC	08-14	AWD	28855(32)/ 72509, 76000	OEMA	83 169,171	28815	28815 81260	83,83 117
C-Class W203	01-07	RWD	28840/ 72509, 75990	OEMA	83 169,171	28810	28810	83,83
C-Class W203 4MATIC	01-07	AWD	28840/ 72509, 75990	OEMA	83 169,171	28810	28810 81260	83,83 117
C-Class W202	94-00	RWD/AWD	28840/ 72509, 75990	OEMA	83 169,171	28815	28815	83,83
C-Class W201	82-93	RWD/AWD	N/A	OEMA		OEMA	OEMA	
CL-Class C216	07-14	RWD/AWD	N/A	OEMA		N/A	N/A	
CL-Class C215	00-06	RWD	N/A	OEMA		28815	28815	83,83
CLA-Class C117	14-19	FWD/AWD	N/A	OEMA		N/A	81260	117
CLK-Class W209	04-09	RWD	28840/ 72509, 75990	OEMA	83 169,171	28810	28810	83,83
CLK-Class W208 Cabriolet	03-03	RWD	28840/ 72509, 75990	OEMA	83 169,171	28815	28815	83,83
CLK-Class W209 Coupe	03-03	RWD	28840/ 72509, 75990	OEMA	83 169,171	28810	28810	83,83
CLK-Class W208	98-02	RWD	28840/ 72509, 75990	OEMA	83 169,171	28815	28815	83,83



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# Parts Sleeve Installation Chart

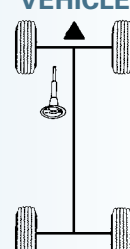
The illustrations below show where to position the slot in the sleeve to get the amount of camber, caster or both needed. Positions 1, 2, 3 & 4 will change camber/caster the amount stamped on the sleeve. Positions 5, 6, 7 & 8 will change the camber/caster by the following amounts:

FOR SLEEVES:		
23000	23100	23130
23180	23220	23230

DEGREE	CHANGE	DEGREE	CHANGE	DEGREE	CHANGE	DEGREE	CHANGE
1/4 - .25	3/16 (.18)	3/4 - .75	17/32 (.53)	1-1/4 - 1.25	7/8 (.88)	1-3/4 - 1.75	1-7/32 (1.29)
1/2 - .50	11/32 (.35)	1 - 1.0	11/16 (.70)	1-1/2 - 1.5	1-1/16 (1.06)	2 - 2.0	1-13/32 (1.40)

**Sleeve Installation Chart – Slot in sleeve shows direction top of wheel will move**

LEFT/RIGHT WHEEL		LEFT/RIGHT WHEEL		LEFT/RIGHT WHEEL		LEFT/RIGHT WHEEL		FRONT OF VEHICLE
<b>1</b>	(+) CAMBER	<b>3</b>	(+) CASTER	<b>5</b>	(+) CAMBER/CASTER	<b>7</b>	(-) CAMBER (+) CASTER	
<b>2</b>	(-) CAMBER	<b>4</b>	(-) CASTER	<b>6</b>	(+) CAMBER (-) CASTER	<b>8</b>	(-) CAMBER/CASTER	



## 23000 SERIES



### 4WD BUSHING

This sleeve changes camber and caster on many older model trucks and SUVs with Dana 44 or GMC 10 bolt axles. #4169 spanner socket is required for sleeve removal. Rotate sleeve to fine tune camber/caster adjustment.

Set 23000 contains 1 each: 23002, 23004, 23006, 23008, 23010, 23012

Part No.	Total Change
23002	.25° (1/4")
23004	.50° (1/2")
23006	.75° (3/4")
23008	1.00° (1")
23010	1.25° (1-1/4")
23012	1.50° (1-1/2")

Front Adjustment range:

Camber/Caster ±.25° to ±1.50°

Required.: 1 per wheel

#### APPLICATIONS

##### Chevrolet/GMC 4WD:

1970 - 87 K10, K15, K20, K25; 1969 - 91 Suburban  
1969 - 91 Blazer (K5), Jimmy (K5)  
1958 - 87 K30, K35

**Dodge 4WD:** 1972 - 93 W100, W150, AW150, W200, W250; 1974 - 87 Dodge Ramcharger

**Ford 4WD:** 1966 - 79 F100, F150; 1973 - 79 F250  
1971 - 79 Bronco

**International 4WD:** 1972 - 75 1/2 & 3/4 ton Pickup  
1973 - 80 Scout II

**Jeep 4WD:** 1974 - 83 Cherokee; 1945 - 86 CJ  
1966 - 73 Jeepster, Commando; 1974 - 84 Pickup  
1982 - 86 Scrambler; 1974 - 91 Grand Wagoneer

**Plymouth 4WD:** 1974 - 81 Trailduster

## 23100 SERIES



### 4WD CAM/CAS SLEEVES

Change camber, caster, or both on twin traction beam Dana 44s with these sleeves. Simply remove the tire, cotter pin and upper ball joint stud nut and break the taper free between the stud and sleeve. Using a sleeve puller, remove the existing sleeve. Install zero degree sleeve 23109 to determine the change needed, then install the correct sleeve. To split camber and caster adjustment, rotate sleeve 45°.

Set 23100 contains 1 each: 23101, 23102, 23103, 23104, 23105, 23106, 23107, 23108, 23109

Part No.	Total Change	Part No.	Total Change
23101	.25° (1/4")	23107	1.75° (1-3/4")
23102	.50° (1/2")	23108	2.00° (2")
23103	.75° (3/4")	23109	0.00° (0")
23104	1.00° (1")	23111	2.25° (2-1/4")
23105	1.25° (1-1/4")	23112	2.50° (2-1/2")
23106	1.50° (1-1/2")	23113	2.75° (2-3/4")

Front Adjustment range:

Camber/Caster ±.25° to ±2.75°

Required: 1 per wheel

#### APPLICATIONS

##### Ford 4WD:

1980 - 96 Bronco - Full Size  
1980 - 96 F150  
1980 - 98 F250, F350

Adjustable Sleeve available,  
Part No. 24130 - page 79

77880 - Puller, pg 171  
88830 - Puller, pg 175

**We have adjustable sleeves for most sleeve applications.**

We have discontinued our 23120 and 23160 series of fixed change sleeves, but still have these applications covered with our 24120 and 24160 adjustable sleeves (page 79). The adjustable sleeves can adjust camber and caster in a large variety of combinations.

**Front** Adjustment range:  
Camber/Caster  $\pm 25^\circ$  to  $\pm 2.00^\circ$

Required: 1 per wheel

**APPLICATIONS**

- Dodge RWD:**  
1994 - 99 3500 Ram w/Mono Beam
- Dodge 4WD:**  
1994 - 99 2500HD, 3500 Ram
- Ford RWD/4WD:**  
1999 - 04 F450, F550  
1999 - 04 F250, F350  
Solid Axles/Leaf Springs
- Ford 4WD:**  
2000 - 05 Excursion  
1992 - 98 F350 Crew Cab

-  **77880** - Puller, pg 171  
**87175** - Socket, pg 173  
**88830** - Puller, pg 175

## 4WD & RWD SLEEVES

# 23130 SERIES

Change camber, caster, or both at the same time with these sleeves. Simply remove the tire, cotter pin and upper ball joint stud nut and break the taper free between the stud and sleeve. Using a sleeve puller, remove the existing sleeve. *Install zero degree sleeve 23139 to determine the change needed, then install the correct sleeve.* To split camber and caster adjustment, rotate sleeve  $45^\circ$ .



**Set 23130 contains 1 each: 23131, 23132, 23133, 23134, 23135, 23136, 23137, 23138, 23139**

Part No.	Total Change	Part No.	Total Change
<b>23131</b>	.25° (1/4°)	<b>23136</b>	1.50° (1-1/2°)
<b>23132</b>	.50° (1/2°)	<b>23137</b>	1.75° (1-3/4°)
<b>23133</b>	.75° (3/4°)	<b>23138</b>	2.00° (2°)
<b>23134</b>	1.00° (1°)	<b>23139</b>	0.00° (0°)
<b>23135</b>	1.25° (1-1/4°)		



**Adjustable Sleeve available, Part No. 24130 - page 79**

**Sleeve Installation Chart - See page 74**

**Front** Adjustment range:  
Camber/Caster  $\pm 25^\circ$  to  $\pm 3.50^\circ$

Required: 1 per wheel

**APPLICATIONS**

- Ford RWD:**  
1989 - 90 Bronco II  
1992 & Up E150, E250, E350, E450  
2000 - 05 Excursion; 1987 - 96 F150  
1998 & Up F250, F350 Twin I-Beam  
1987 - 98 F250, F350
- Ford 4WD:**  
1990 - 90 Bronco II (Late 90-Dana 35)
- Ford RWD/4WD:**  
1991 - 94 Explorer; 1990 - 97 Ranger
- Mazda RWD/4WD:**  
1994 - 97 B-Series Pickup  
1991 - 94 Navajo

-  **77880** - Puller, pg 171  
**87175** - Socket, pg 173  
**88830** - Puller, pg 175

## CAMBER/CASTER SLEEVES

# 23180 SERIES

These popular sleeves are widely used to adjust caster and/ or camber on many Ford and Mazda RWD & 4WD trucks. To install, simply loosen and remove upper ball joint pinch bolt. Remove top snap ring if one is present. Use 77880 or 88830 sleeve puller to remove the existing sleeve. To split camber and caster adjustment, rotate sleeve  $45^\circ$ . *Save time during alignment, use 23199 zero degree sleeve to determine initial readings, then install correct sleeve.*



**Note: Sleeves adjust to a smaller degree on Ford and Mazda 4WD light trucks/SUVs.**

**Set 23180 contains 1 each: 23181, 23182, 23183, 23184, 23185, 23186, 23187, 23188, 23199**

Series Part No.	RWD Adjustments Total change	4WD Adjustments Total change	Series Part No.	RWD Adjustments Total change	4WD Adjustments Total change
<b>23181</b>	.25° (1/4°)	.20°	<b>23188</b>	2.00° (2°)	1.40°
<b>23182</b>	.50° (1/2°)	.40°	<b>23189</b>	2.25° (2-1/4°)	1.60°
<b>23183</b>	.75° (3/4°)	.60°	<b>23190</b>	2.50° (2-1/2°)	1.80°
<b>23184</b>	1.00° (1°)	.75°	<b>23191</b>	2.75° (2-3/4°)	2.00°
<b>23185</b>	1.25° (1-1/4°)	.90°	<b>23192</b>	3.00° (3°)	2.25°
<b>23186</b>	1.50° (1-1/2°)	1.10°	<b>23193</b>	3.25° (3-1/4°)	2.50°
<b>23187</b>	1.75° (1-3/4°)	1.25°	<b>23194</b>	3.50° (3-1/2°)	2.75°
			<b>23199</b>	0.00° (0°)	

**Adjustable Sleeve available, Part No. 24180 - page 79**

**Sleeve Installation Chart - See page 74**

**Stabilizer Heights – NARROW UNITS for small diameter (.58") coil springs.**

STABILIZER NO.	HEIGHT ("A")
<b>24640</b>	5/8"
<b>24690</b>	7/8"
<b>24750</b>	1-1/4"
<b>24751</b>	1-1/4"
	Short Nose
<b>24740</b>	1-1/4"
	Small Radius
<b>24790</b>	1-1/2"

**Stabilizer Heights – REGULAR UNITS for average diameter (.63") coil springs.**

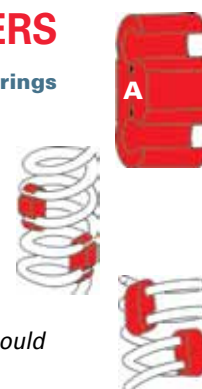
STABILIZER NO.	HEIGHT ("A")
<b>24650</b>	5/8"
<b>24700</b>	7/8"
<b>24701</b>	7/8"
	Short Nose
<b>24960</b>	1"
<b>24970</b>	1-1/4"
<b>24800</b>	1-1/2"
<b>24850</b>	1-3/4"
<b>24900</b>	2"
<b>24950</b>	2-1/2"

## COIL SPRING STABILIZERS

**Proper alignment is impossible unless coil springs are operating at originally designed height.**

Two stabilizers are recommended per coil spring. If front stabilizers are rubbing against the spring well housing the stabilizer must be installed from the inside of the coil springs. **Four per pack.**

*Due to the curvature of some springs, two sizes may be required for the same spring (Example: 24700 on inside of coil, 24750 on outside). When measuring and installing stabilizers, one space should be skipped between coils.*



## 87910



### ALIGNMENT TOOL BOARD

This board set gives technicians the tools needed to complete today's modern alignments quickly and efficiently. Contains our most popular tools, with a handy plastic peg storage board to keep all your alignment tools in one easy to reference location.

#### BOARD INCLUDES ONE EACH OF THE FOLLOWING:

Tool Number	Page	Description
8370	163	Tie Rod Puller
37985	164	4-Way Ball Joint/Tie Rod Separator
40840	165	Tie Rod Adjusting Wrench Set (4) 10.5-12mm rods, 12-14mm rods 14-16mm rods, 16-19 mm rods
45938	167	Colorado/Canyon 4WD Alignment Socket
45940	167	GM Express Van Tool
74910	170	Cam Knock Out Punch
77350	171	Heavy Duty Tie Rod Tools
77880	171	Ford OE Sleeve Puller
81139	172	Magnetic Adj. Camber Gauge
83775	172	Cas/Cam Tool - 93 & Up F-Body
85127	173	3/8" Carbide Rotary File
85137	173	3/8" Rotary File for Aluminum
87560	174	Honda 24mm Toe Tool
99918	175	Wheel Spreader Bar - A must for Mercedes

## 27



### PITMAN ARM SEPARATOR

For use on most cars and some light trucks. The tapered wedge easily removes the pitman arm from the shaft with just a few sharp hammer blows.

**DIMENSIONS:** 1" opening, 12" overall length.

## Slide Hammers/Pullers

### 498



### FRONT HUB AND AXLE PULLER

498 removes front hubs on vehicles with independent front suspensions. Remove screw and use it with 499 axle puller to remove axles in compact cars.

#### 498

#### APPLICATIONS

Compact cars

#### SET INCLUDES

- 498-1 Yoke
- 498-2 Center screw
- 498-3 Jam nut

### 499



### FLANGE TYPE AXLE PULLER

Flange Type Axle Puller can be used as a regular wheel puller or hub puller, as well as a flange type puller. The bolt circle range is from 4-1/2" to 5-1/2", which covers all cars and small trucks with flange type axles. The four slots allow this tool to be used on 4, 5, or 6 stud designs.

#### 499

#### APPLICATIONS

All cars and small trucks with flange type axles

#### SET INCLUDES

- 499-1 Yoke
- 499-2 Center rod assembly
- 499-3 Jam nut
- 499-4 Hammer

Check out our CV Joint Fork #38620 for use with the 499 (page 164)



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- 499-3 Jam nut
- 499-4 Hammer

Check out our CV Joint Fork #38620 for use with the 499 (page 164)

## HONDA ADAPTERS

# 75980

Honda Adapter #75980 is used in conjunction with the 72509 Ball Joint Press (page 169) and are used with the 67465 Honda Civic Camber Kit on page 94. You need these adapters to push the old bushing out of the stock arm and also to install the new bushing included in the 67465 Kit.



## MERCEDES PRESS SETS

# 75990 76000

These Mercedes Rear Bushing Press Adapter Sets are designed for quick, easy removal of the OE rear control arm bushings and for the insertion of SPC's new adjustable camber bushings. These tool sets are a must for any shop servicing Mercedes vehicles.

**75990** - For **28840** (page 83) includes adjusting wrench

**76000** - For **28850, 28855 and 28860** (page 83)



## TORQUE LIMITING IMPACT EXT. SET

# 76750

This convenient 8 piece Torque Limiting Extension And Protective Impact Socket Combo Set will have your wheel torque needs covered. It includes the most common wheel mounting socket and torque limits in one great tool kit. The lug nut sockets include protective sleeves and inserts to prevent wheel damage, and are color coded for quick reference. The 1/2" drive set consists of 4 Torque Limiting Extensions: 90, 100, 110 and 120ft/lbs AND 4 Protective Lug Nut Impact Sockets: 17mm, 19mm (3/4"), 21mm (13/16"), and 7/8". Packaged in a blow-molded plastic case.



See page 184 for our Wheel Torque Chart part no. 70050

## FORD SUPER DUTY TIE ROD SLEEVE ADJUSTER

# 77350

This tool is specifically designed for use on the Ford Super Duty trucks as well as most other light trucks and vans. The extra long bar gives you maximum leverage to loosen rusted sleeves without injuring your knuckles. This 8 position tool allows 360° rotation without removing the adjuster block from the sleeve.



### APPLICATIONS

**Dodge:** 2500 & 3500

**Ford:** Twin I-Beam w/upper and lower ball joints

**CAUTION: Not for use with impact wrenches (air tools).**

## FORD/DODGE/RAM COMBO SLEEVE PULLER

# 77880

This sleeve puller will pull both OE and most aftermarket camber/caster sleeves quickly and efficiently, usually without damaging the ears of the sleeve. Heat treated high strength steel. Single-unit design with no loose parts.



## 77928 BRAKE PEDAL DEPRESSOR

An adjustable steel plate extends the length of the bar to put constant pressure on the brake pedal.



77938

*This product is not a locking device. Use with caution.*

## 77938 STEERING WHEEL HOLDER

A must for proper alignments. This tool securely holds the steering wheel and covered hooks and base prevent damage to the steering wheel or seat.



77928

*This product is not a locking device. Use with caution.*

## DEEP, THIN WALL FLIP SOCKETS

# 79230 79240

These 1/2" square drive impact sockets are deep and thin walled to reach areas conventional sockets can't. Each part number provides two sizes.

**79230** - 3/4" and 13/16"

**79240** - 19mm and 21mm





## APPLICATIONS

**Dodge/Ram RWD/4WD:**  
2008 & Up 4500, 5500

**Sterling Bullet RWD/4WD:**  
2008 - 11 4500, 5500

## DODGE/RAM PIN JOINT ADJUSTING WRENCH

# 88360

The 2-3/8" flat hex wrench is designed to make the installation of the **23850**, **23852** and **23854** (page 78) Dodge/Ram pin joints quicker and easier. Use a 1-1/2" socket to hold your adjustment and then tighten the jam nut with this tool.



**CAUTION: Not for use with impact wrenches (air tools).**

**88830 is not recommended for use on Ford Motor Co. original equipment sleeves. Use 77880 (page 168 for OE Sleeves).**

## FORD/DODGE SLEEVE PULLER (AFTERMARKET)

# 88830

This puller is designed to work specifically with the **23100** (page 74) sleeves. It will allow the technician to pull the sleeves without normally breaking the ears off the sleeve.



## Dual socket inner tie rod removal tool

Fits 1-3/16" or 1-5/16" hex. inner tie rod ends on Fords and Chryslers with TRW racks.

**1-3/16" hex tool** - for inner tie rod ends on Ford Escort, Tempo, Topaz, Lynx.

**1-5/16" hex tool** - designed for inner tie rod ends on 1986 - 07 Taurus/Sable.

**1-7/16" hex tool** - designed for GM Saginaw rack and pinions.

**CAUTION: Not for use with impact wrenches (air tools).**

## INNER TIE ROD END WRENCH SET

# 89000

Set includes a Dual Socket Inner Tie Rod Removal Tool along with 1-3/16", 1-5/16" and 1-7/16" hex tools.

**1-3/16" Hex**    **1-5/16" Hex**    **1-7/16" Hex**



Dual Inner Tie Rod Removal Tool

## SPC TAPE MEASURE

# 91045

High quality 16' tape measure with SPC logo. Included in our Off-Road (91025) and Heavy Duty (91040) FasTrax™, this tape measure also works great for measuring toe with our standard (91000) and our Performance (91010) FasTrax™.



## APPLICATIONS

**Ford:** 1986 - 05 Taurus Station Wagon

**Mercury:** 1986 - 05 Sable Station Wagon

## FORD STATION WAGON REAR TOE TOOL

# 97650

Taurus and Sable Station wagons have a sprocket type cam to adjust rear toe. This tool engages the sprockets and allows the technician to turn the cam.



## APPLICATIONS

**99361** extends 46-74 in. for light trucks & cars.

**99374** extends 39-60 in. for standard and compact cars.

## TOE MEASURING GAUGES

# 99361 99374

Spring-loaded gauges easily adapt to a variety of tread widths in order to give fast, accurate toe readings.



## WHEEL SPREADER

# 99918

Take the play out of front wheels during alignment! Place this spring-loaded pressure bar between the tires to assure a more accurate alignment. **A must for Mercedes vehicles.**

