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# Axle Components Installers Guide

*DESIGNED FOR GM AND RAM PRODUCTS*





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## SUMMARY CHART

## ASSEMBLY SPECIFICATIONS

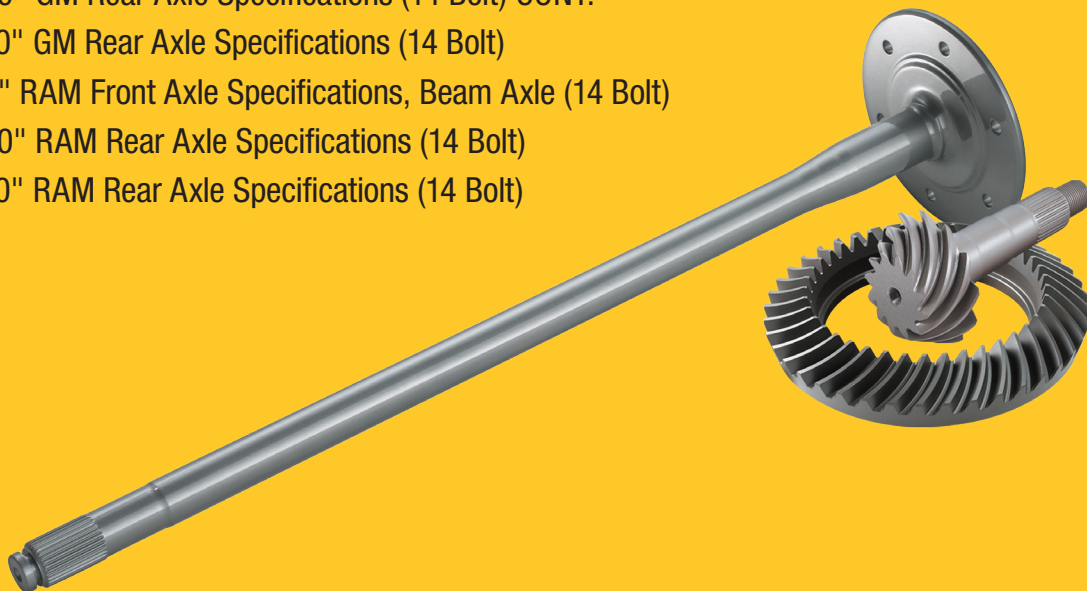
Manufacturers	Brand	Application	Model Years	Platform	Front Axles				Rear Axles					
					7.25"	7.5"	8.25"	9.25"	7.5"	8.0"	8.5"	9.5"	10.5"	11.5"
GM	Chevrolet Pontiac	Camaro, Firebird	93-02	GMT 760					7.5"					
GM	Chevrolet GMC Oldsmobile	Blazer - S10, Jimmy, Bravada	96-01	GMT 330	7.25"				7.5"					
GM	Chevrolet GMC Buick SAAB Oldsmobile Isuzu	Trailblazer, Envoy, Rainier, SAAB 9-7X, Bravada, Ascender	02-09 02-09 04-07 05-09 02-04 03-07	GMT 360	7.25"				7.5"	8.0"	8.5"			
GM	Chevrolet GMC	Astro, Safari	95-05	GMT 760	7.25"				7.5"	8.0"				
GM	Chevrolet GMC	Savana (Cargo/ Passenger), Express (Cargo/ Passenger), Full Size Van 100/1500 Series	2001+	GMT 610	7.25"						8.5"			
GM	Chevrolet GMC	Savana (Cargo/ Passenger), Express (Cargo/ Passenger), Full Size Van 200/2500 Series	2001+	GMT 610	7.25"							9.5"	10.5"	
GM	Chevrolet GMC	Savana (Cargo/ Passenger), Express (Cargo/ Passenger), Full Size Van 3200/3500 Series	2001+	GMT 610	7.25"							9.5"	10.5"	
GM	Chevrolet GMC	Colorado, Canyon	2004+	GMT 355		7.5"					8.5"			
GM	Chevrolet GMC	Silverado - Cheyenne, Sierra, Full-Size Pick up Truck 100/1500 (Reg, Extended Cab, Crew Cab)	2001+	GMT 800 GMT 900 Pick up			8.25"				8.5"			
GM	Chevrolet GMC	Silverado - Cheyenne, Sierra, Full-Size Pick up Truck 200/2500 (Reg, Extended Cab, Crew Cab)	2001+	GMT 800 GMT 900 Pick up				9.25"				9.5"	10.5"	11.5"
GM	Chevrolet GMC	Silverado - Cheyenne, Sierra, Full-Size Pick up Truck 300/3500 (Reg, Extended Cab, Crew Cab)	2001+	GMT 800 GMT 900 Pick up				9.25"					10.5"	11.5"
GM	Chevrolet Cadillac	Avalanche, Escalade EXT	2001+	GMT 805 GMT 940 Utility			8.25"	9.25"			8.5"		10.5"	
GM	Chevrolet GMC Cadillac	Tahoe - Sonora, Yukon, Escalade, Full-Size Utility 100/1500,	2001+	GMT 820 GMT 920 Utility			8.25"				8.5"	9.5"		
GM	Chevrolet GMC Cadillac	Suburban, Yukon-XL, Escalade ESV, Full-Size Utility 100/1500	2001+	GMT 830 GMT 930 Utility			8.25"				8.5"	9.5"		
GM	Chevrolet GMC Cadillac	Suburban, Yukon-XL, Escalade ESV, Full-Size Utility 200/2500	2001+	GMT 830 GMT 930 Utility				9.25"				9.5"	10.5"	11.5"
GM	Chevrolet GMC Cadillac	Suburban, Yukon-XL, Escalade ESV, Full-Size Utility 300/3500	2001+	GMT 830 GMT 930 Utility				9.25"					10.5"	11.5"
GM	Hummer	H3	06-09	GMT345		7.5"					8.5"			
GM	Hummer	H3T	2009+	GMT745		7.5"					8.5"			
GM	Hummer	H2	03-09	H2				9.25"				9.5"		
Chrysler	RAM	Chrysler Dodge Ram Pickup 2500	03-05 06 +	DR, DH				9.25"					10.5"	
Chrysler	RAM	Chrysler Dodge Ram Pickup 3500	03-05 06 +	DR, DH				9.25"						11.5"
Chrysler	RAM	Chrysler Chassis Cab - RAM 4000	2006+	DC										11.5"



## VEHICLE REFERENCE GUIDE

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## Axle Installation & Repair Kits



### **MASTER INSTALL KIT**

Master Install Kits include all the parts an installer needs for a center section rebuild. Most kits include shims, output shaft bearings, seals, cover pan gaskets, serrated ring gear bolts and other hardware. If necessary, kits include a wide range of shim sizes needed to maintain preload. Check out our Master Bearing Kit for the corresponding taper bearings.



### **MASTER BEARING KIT**

AAM Power to Deliver Bearing Kits have been engineered and tested to meet the grueling specifications for noise, efficiency, and durability required by OE vehicle manufacturers. When the differential needs to have the bearings replaced, insist on the OEM parts for replacement to guarantee proper fit and function.



### **WHEEL END KIT**

Unlike other aftermarket suppliers, AAM Power to Deliver offers Wheel End Kits to assist you in the axle shaft or hub rebuild process. All kits contain OE approved and tested seals, bearings and hardware. Matched for easier installation, you will have everything you need to do the job right the first time.



### **DIFFERENTIAL GEAR KIT**

Differential Gear Kits are packaged with the repair industry in mind. Each Gear Kit contains only the original OE gears, washers, cross pin, and retention fasteners. Net shape gears deliver the fit and performance the replacement market demands.



## Axle Installation & Repair Kits



### **COVER PAN KIT**

A complete line of OEM replacement Differential Cover Pan Kits is offered for GM and Chrysler rear drive axles. Each Cover Pan Kit contains all the parts you need to get the job done right – cover pan, bolts, gaskets and even a magnetic drain plug to use, if necessary. Some kits even include an upgraded, rubber-over-steel gasket that helps improve sealing.



### **OUTPUT SHAFT SEAL KIT**

Because all drivelines are not created equal, AAM Power to Deliver packages its kits with the installing mechanic in mind. Each Output Shaft Seal Kit contains the seals, bearings and hardware required to do the job right. Some of the kits even include unique cartridge-style seals which are OE designed, tested and validated.



### **PINION SEAL KIT**

The AAM Power to Deliver Pinion Seal Kit provides installers everything they need to make a simple, easy repair. Our authentic OE kits come with a pinion seal, crush sleeve, pinion washer and prevailing torque pinion nut. Many kits include a triple lip seal which helps to increase product life. All components are designed and validated to meet rigorous OE requirements in order to ensure proper fit and performance.



### **DISCONNECT SHIFTER KIT**

AAM Power to Deliver offers an authentic OE Disconnect Shifter Kit for GM front axles. Many of the kits contain parts such as a return spring, shifter fork, tube bolt, thrust washer, shifter sleeve, I/O shaft assembly, shifter housing, differential carrier thrust washer, differential shifter seal, carrier connector, differential shifter spring, differential thrust washer and actuator. When rebuilding a 4WD disconnect, use the original parts.



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## 7.25" GM IFS FRONT AXLE SPECIFICATIONS

### VEHICLE

S-10, Sonoma, Blazer, Jimmy, Bravada, Astro, Safari, Savana, Express, 4 Wheel Drive Midsize Pickups and Blazers (T), All Wheel Drive Astro-Safari (L), GMT-600 Express/Savana (G)

	GEAR SET RATIOS	YEAR	USAGE
74019760	3.08	1983+	All
40030826	3.42	1983+	All
40030830	3.73	1983+	All

DIFFERENTIAL CASE	
46002013	Open (with internals) 3.42 ratio and higher 2001+
14039596	Open (w/out internals) 3.42 ratio and higher 2001+

AXLE SHAFT	
74023318	(342mm; 26 tooth) (T) (1997+)
40015957	(108.66mm; 26 tooth) (G) (2003+)

PINION YOKE	
74004459	Pinion Yoke (Piloted) (L) (1988+)
14039582	Pinion Flange 1315 Series (1986-2001)
40016660	Pinion Flange 1344/3R Series, Triple Lip Seal (1983+)

AXLE INSTALLATION & REPAIR KITS	
74010001	Master Install Kit (S-10, Sonoma, Blazer, Jimmy, Bravada, Astro, Safari, Savana, Express) (1997+)
74067003	Master Bearing Kit (S-10, Sonoma, Blazer, Jimmy, Bravada, Astro, Safari, Savana, Express) (1983+)
74046137	Diff Gear Kit (26 Tooth) (S-10, Sonoma, Blazer, Jimmy, Bravada, Astro, Safari, Savana, Express) (1983+)
74020002	Pinion Seal Kit (S-10, Sonoma, Blazer, Jimmy, Bravada, Astro, Safari) (1986-2004)
74020003	Pinion Seal Kit (Savana, Express) (2003+)
74050002	Output Shaft Seal Kit (S-10, Sonoma, Blazer, Jimmy, Bravada, Astro, Safari, Savana, Express) (1997+)
74080003	Disconnect Shifter Kit (S-10, Sonoma, Blazer, Jimmy, Bravada) (1997-2004)

ASSEMBLY SPECIFICATIONS			
Ring Gear Bolts	84 Nm	Fill Plug	33 Nm
Bearing Cap Bolts	N/A	Drain Plug	33 Nm
Pinion Shaft Lock Bolt	35 Nm	Backlash	.08 - .25 mm
Adjuster Lock Bolt	8 Nm	Pinion Rolling Torque	1.7 - 2.8 Nm
Axle Shaft Bolts	N/A	Vent Plug / Housing	N/A
Cover Pan Bolts	N/A	3Rd Member Rolling Torque	3.4 - 6.2 Nm
Carrier Bolts	50 Nm	Lube Fill Volume	1.2 Litres
Tube Bolts	48 Nm	Lube Type	80W-90 GL-5 Mineral
Axle Shaft Seal Cover	18 Nm	Lube Level	N/A
Disconnect Housing Bolts	N/A	Carrier Break	3.08↓ - 3.23↑
Mounting Bracket Bolts	N/A	Production Differentials	OPEN
Actuator	N/A	Production Gear Ratios	3.42, 3.73, 4.10, 4.56

TECH NOTES	
All gear sets are two-cut, lapped and meet OEM NVH standards.	



## 7.25" GM IFS FRONT AXLE SPECIFICATIONS (OIL PAN MOUNTED)

**VEHICLE**  
Trailblazer, Envoy, Rainier, Bravada  
Mid Size Truck, Pickup, Blazer (T)

	GEAR SET RATIOS	YEAR	USAGE
40030826	3.42	2001+	4WD & AWD
40030830	3.73	2001+	4WD & AWD
40030834	4.10	2001+	4WD & AWD

DIFFERENTIAL CASE	
46002013	Open (with internals) 3.42 ratio and higher 2001+
14039596	Open (w/out internals) 3.42 ratio and higher 2001+

### AXLE SHAFT

40016604	Intermediate Shaft 311mm, 26 Tooth (2001+)
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### PINION YOKE

46002007	Pinion Yoke (1315 U-Joint; 4 Footed) (4WD&AWD) (2001+)
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### AXLE INSTALLATION & REPAIR KITS

74010002	Master Install Kit (Trailblazer, Envoy, Rainier, Bravada) (2002-2009)
74067003	Master Bearing Kit (S-10, Sonoma, Blazer, Jimmy, Bravada, Astro, Safari, Savana, Express) (2001+)
74046137	Diff Gear Kit (26 Tooth) (S-10, Sonoma, Blazer, Jimmy, Bravada, Astro, Safari, Savana, Express) (1983+)
74020001	Pinion Seal Kit (Trailblazer, Envoy, Rainier, Bravada) (2002-2009)
74050001	Output Shaft Seal Kit (Trailblazer, Envoy, Rainier, Bravada) (2002-2009)
74080001	AWD IOP Disconnect Shifter Kit (Trailblazer, Envoy, Rainier, Bravada) (2002-2009)
74080002	4WD IOP Disconnect Shifter Kit (Trailblazer, Envoy, Rainier, Bravada) (2002-2009)

### ASSEMBLY SPECIFICATIONS

Ring Gear Bolts	84 Nm	Fill Plug	28 Nm
Bearing Cap Bolts	N/A	Drain Plug	33 Nm
Pinion Shaft Lock Bolt	N/A	Backlash	.08 - .25 mm
Adjuster Lock Bolt	N/A	Pinion Rolling Torque	1.7 - 3.4 Nm
Axle Shaft Bolts	N/A	Vent Plug /Housing	30 Nm
Cover Pan Bolts	N/A	3Rd Member Rolling Torque	3.4 - 6.2 Nm
Carrier Bolts	48 Nm	Lube Fill Volume	.78 Litres
Tube Bolts	N/A	Lube Type	75W-90 SYNTHETIC
Axle Shaft Seal Cover	N/A	Lube Level	N/A
Disconnect Housing Bolts	48 Nm	Carrier Break	3.08↓ - 3.23↑
Mounting Bracket Bolts	N/A	Production Differentials	OPEN
Actuator	6 Nm	Production Gear Ratios	3.42, 3.73, 4.10

### TECH NOTES

All gear sets are two-cut, lapped and meet OEM NVH standards.



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## 7.6" GM REAR AXLE SPECIFICATIONS (10 BOLT)

### VEHICLE

Truck 2 Wheel Drive Mid Size Pickups & Blazers (S), Truck 4 Wheel Drive Mid Size Pickups & Blazers (T),  
Van 2 Wheel Drive Astro, Safari (M), Van All Wheel Drive Astro, Safari, (L) Camaro, Firebird (F)

	GEAR SET RATIOS	YEAR	USAGE
40022978	3.42	1991-1993;1995+	F;S;T;Postal
40020428	3.73	1982-1994	S;T;M;L
40020431	4.10	1982+	S;T;M;L

DIFFERENTIAL CASE	
74033477	Open (without internals) 1985+
74038615	Open (with internals) 1985+

AXLE SHAFT	
74023488	(675mm; 28 tooth; 5 bolt drum brake 2WD) (S Truck) (1998+)
74026760	(788mm; 28 tooth; 5 bolt drum brake 2WD) (Postal Truck) (1990-1995)
74029972	(809mm; 28 tooth; 5 bolt disc drum; exciter ring and bolts) (F Car) (1992-2002)
26058696	(671mm, 28 Tooth LH/RH, S; T Trucks)(1998-2003)
26064387	(675mm, 28 Tooth LH/RH, S Truck) (1998-2003)
26059962	(809mm, 28 Tooth, LH/RH F-Car) (1998-2002)
26063416	(812mm, 28 Tooth F-Car) (1993-1997)

PINION YOKE	
40016324	Pinion Yoke (1344 Series, 4 footed) (Astro, Safari, Camaro, Firebird, Blazer, Jimmy, S-10, S-15) (2000+)
40006699	Pinion Yoke (1344 Series, w/dampner, 4 footed) (Blazer, Jimmy, S-10, S-15) (2000+)

AXLE INSTALLATION & REPAIR KITS	
74010003	Master Install Kit (S-10, Sonoma, Astro, Safari, Camaro, Firebird, Trans Am 2000+)
74067006	Master Bearing Kit (Colorado, Canyon, Camaro, Firebird, Astro, Safari, S-10, Sonoma, Blazer, Jimmy, Bravada, H3, H3T, 1982+)
74042550	Diff Gear Kit (Astro, Camaro, Firebird, Safari, S-10, Sonoma, Blazer, Jimmy, Bravada, H3, H3T 1982+)
74020005	Pinion Seal Kit (Camaro, Firebird, Trans-Am, S-10, Sonoma, Blazer, Jimmy, Bravada, Astro, Safari, Colorado, Canyon, 2000+)
74050007	Wheel End kit (Camaro, Firebird, Trans-Am, 1992-2002)
74050008	Wheel End Kit (Astro, Safari) ( 1990-2002 early)
74050009	Wheel End Kit (S-10, Sonoma, Blazer, Jimmy, Bravada, 1992-2004)
74050010	Wheel End Kit (Colorado, Canyon, Trailblazer, Envoy, Rainier, Bravada, Astro, Safari) ( 2002+late)
74030002	Coverpan Kit (Camaro, Firebird, Astro, Safari, S-10, Sonoma, Jimmy, Blazer, Bravada (1998-2002)





## 7.6" GM REAR AXLE SPECIFICATIONS (10 BOLT) CONT.

### VEHICLE

Camaro / Firebird, Blazer / Jimmy, S-10 / S-15, Astro / Safari  
Truck 2 Wheel Drive Mid Size Pickups & Blazers (S), Truck 4 Wheel Drive Mid Size Pickups & Blazers (T),  
Van 2 Wheel Drive Astro, Safari (M), Van All Wheel Drive Astro, Safari, (L) Camaro, Firebird (F)

ASSEMBLY SPECIFICATIONS			
Bearing Cap Bolts	60 - 90 Nm	Production Differentials	Open supplied by AAM/Locking not supplied by AAM
Ring Gear Bolts	110 - 130 Nm	Production Gear Ratios	3.08, 3.23, 3.42, 3.73, 4.10, 4.56
Backlash	.102 - .254 mm		
Cover Pan Bolts	20 - 40 Nm		
Pinion Rolling Torque	1.70-3.40 Nm		
Pinion Shaft Lock Bolt	36 Nm		
Axle Shaft Endplay	.82 mm max		
Fill Plug	25 - 40 Nm		
Drain Plug	N/A		
Carrier Break	3.08 ↓ 3.23 ↑		
Lube Type	75W90 Synthetic		
Lube Fill Volume	1700 MI		

TECH NOTES
All gear sets are two-cut, lapped and meet OEM NVH standards.



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## 7.6" GM FRONT AXLE SPECIFICATIONS

### VEHICLE

Blazer / Jimmy, S-10 / S-15, Colorado, Cannon, H3, H3T, Sonoma  
4 Wheel Drive Mid-Size Pick Ups and Blazers (T)

	GEAR SET RATIOS	YEAR	USAGE
40022978	3.42	1991-93, 1995+	4WD
40020428	3.73	1982-1994	4WD
40020431	4.10	1982+	4WD
40028609	4.56	1982+	AWD & 4WD

DIFFERENTIAL CASE	
40041441	Open (w/out internals) 2004+
40041442	Open (with internals) 2004+

AXLE SHAFT	
40065837	Inner Output Shaft (4WD) (2004+)
40045261	Intermediate Shaft (AWD) (2006+)

PINION YOKE	
40035125	Pinion Yoke (1344 UJT; 4 Footed) (4WD) (2004+)

AXLE INSTALLATION & REPAIR KITS	
74010004	Master Install Kit (H3, H3T, Colorado, Canyon, 2003+)
74067006	Master Bearing Kit (Colorado, Canyon, Camaro, Firebird, Astro, Safari, S-10, Sonoma, Blazer, Jimmy, Bravada, H3, H3T, 2003+)
74043199	Diff Gear Kit (28 Tooth) (Colorado, Canyon, H3, H3T, 2002+)
74020004	Pinion Seal Kit (Colorado, Canyon, H3, H3T 2003+)
74050003	Output Shaft Seal Kit (Colorado, Canyon, H3, H3T, 2003+)
74030001	Cover Pan Kit (Colorado, Canyon, H3, H3T 2003+)
74080004	Disconnect Shifter Kit (Colorado, Canyon, 2003+)
74080005	Disconnect Shifter Kit (H3, H3T, 2005+)

ASSEMBLY SPECIFICATIONS			
Ring Gear Bolts	120 Nm	Actuator	30 Nm
Bearing Cap Bolts	63 Nm	Fill Plug	32 Nm
Pinion Shaft Lock Bolt	25 Nm	Drain Plug	32 Nm
Adjuster Lock Bolt	N/A	Backlash	.127 - .203 mm
Axle Shaft Bolts	N/A	Pinion Rolling Torque	1.7 - 3.4 Nm
Cover Pan Bolts	30 Nm	Vent Plug / Housing	N/A
Carrier Bolts	N/A		
Tube Bolts	67 Nm	Lube Fill Volume	1.45 Litres
Axle Shaft Seal Cover	N/A	Lube Type	75W-90 SYNTHETIC
Disconnect Housing Bolts	47 Nm	Lube Level	0 - 8 mm below fill plug
Mounting Bracket Bolts	155 Nm	Carrier Break	None
		Production Differentials	Open supplied by AAM/Locking not supplied by AAM
		Production Gear Ratios	3.42,3.73,4.10,4.56

TECH NOTES	
All gear sets are two-cut, lapped and meet OEM NVH standards.	



## 8.0" GM REAR AXLE SPECIFICATIONS (10 BOLT)

### VEHICLE

Colorado, Canyon, Trailblazer, Envoy, Rainier, Bravada  
2 Wheel Drive Mid-Size Pickups & Blazers (S), 4 Wheel Drive Mid-Size Pickups and Blazers (T)

GEAR SET RATIOS		YEAR	DIFFERENTIAL CASE	
40001437	3.73	2004+	40004373	Open (with internals) S,T, 2002+
40001438	4.10	2004+		

AXLE SHAFT	
40016435	(798mm; 28 tooth; 6 bolt) (Utilities) (2002+)
40016434	(846mm; 28 tooth; 6 bolt) (Utilities) (2002+)
40012450	(727mm; 28 tooth; 6 bolt; drum) (S & T Trucks) (2004+)
40012448	(757mm; 28 tooth; 6 bolt; drum) (S & T Trucks) (2004+)
40012451	(781mm; 28 tooth; 6 bolt; drum) (S & T Trucks) (2004+)
40045613	(822mm; 28 tooth; 6 bolt) (Pick-up) (2008+)
40045614	(768mm; 28 tooth; 6 bolt) (Pick-up) (2008+)
40016447	(846mm; 28 tooth; 6 bolt) (Utilities) (2004+)
40016448	(798mm; 28 tooth; 6 bolt) (Utilities) (2004+)

PINION YOKE	
40016324	Pinion Yoke (1344 series; 4 Footed) (S & T Trucks) (2004+)

AXLE INSTALLATION & REPAIR KITS	
74010005	Master Install Kit (Colorado, Canyon, Trailblazer, Envoy, Rainier, Bravada) (2002+)
74067013	Master Bearing Kit (Colorado, Canyon, Trailblazer, Envoy, Rainier, Bravada) (2002+)
74046651	Diff Gear Kit (28 Tooth) (Colorado, Canyon, Trailblazer, Envoy, Rainier, Bravada) (2002+)
74020005	Pinion Seal Kit (Colorado, Canyon, Trailblazer, Envoy, Rainier, Bravada) (2000+)
74050010	Output Shaft Seal Kit (Colorado, Canyon, Trailblazer, Envoy, Rainier, Bravada) (2002+)
74030003	Coverpan Kit (Colorado, Canyon) (2002+)
74030004	Coverpan Kit (Trailblazer, Envoy, Rainier, Bravada) (2009)

ASSEMBLY SPECIFICATIONS			
Bearing Cap Bolts	60 - 90 Nm	Production Differentials	Open supplied by AAM/Locking not supplied by AAM
Ring Gear Bolts	110 -130 Nm	Production Gear Ratios	3.42 ,3.73, 4.10
Backlash	.070 - .255 mm		
Cover Pan Bolts	20 - 40 Nm		
Pinion Rolling Torque	1.7 - 3.4 Nm		
Pinion Shaft Lock Bolt	20 - 30 Nm		
Axle Shaft Endplay	.67 mm (max)		
Fill Plug	25 - 40 Nm		
Drain Plug	40 - 55 Nm		
Carrier Break	None		
Lube Type	75W-90 Synthetic		
Lube Fill Volume	1600 - 1800 MI		

TECH NOTES	
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## 8.25" GM IFS FRONT AXLE SPECIFICATIONS

### VEHICLE

Sierra, Silverado, Silverado SS, Tahoe, Yukon, Escalade, Denali, Avalanche, Suburban 1500, 4 Wheel Drive Full Size Truck and Utility (K)

	GEAR SET RATIOS	YEAR	USAGE	DIFFERENTIAL CASE	
				Part Number	Description
40093539	3.08	1988+	AWD & 4WD	26018131	Open (without internals) 3.42 ratio. 4WD & AWD 1988+
40093541	3.42	1988+	4WD	40038013	Open (with internals) 3.08 ratio. 4WD & AWD 1988+
40093540	3.73	1988+	AWD & 4WD	26067130	Open (w/ internals) 3.42 ratio & higher. 4WD Pickup, Silverado, Sierra, Hummer H2 1999+
				40003245	Open (w/ internals) 3.42 ratio & higher. AWD Pickup, Silverado, Sierra, Hummer H2 1999+

AXLE SHAFT	
74028813	LH (129mm; 28 tooth; 6 bolt) (4WD & AWD) (1997+)
74028832	RH (371mm; 28 tooth; 6 bolt) (Pickup; Silverado; Sierra) (1997-2003)
40037800	RH (392mm; 28 tooth; 6 bolt) (Pickup; Silverado; Sierra) (2004+)
40038845	RH (379mm) (4WD) (2007+)
40038846	RH (491mm) (AWD) (2007+)

PINION YOKE	
40025925	Pinion Yoke (1344 series, 4 Footed) (4WD & AWD) (1988+)

AXLE INSTALLATION & REPAIR KITS	
74010006	Master Install Kit (Sierra, Silverado, Silverado SS, Tahoe, Yukon, Escalade, Denali, Avalanche, Suburban 1500) (1999+)
74067004	Master Bearing Kit (Sierra, Silverado, Yukon, Escalade, Denali, Avalanche 1500, Suburban) (1988+)
74045936	Diff Gear Kit (28 Tooth) (Sierra, Silverado, Yukon, Escalade, Denali, Avalanche, 1500, Suburban) (1988+)
74020006	Pinion Seal Kit (Sierra, Silverado, Yukon XL, Escalade, Denali, Avalanche, 1500, Suburban) (1999+)
74050004	Output Shaft Seal Kit (Sierra, Silverado, Tahoe, Yukon, Escalade, Suburban) (1997+)
74080006	Disconnect Shifter Kit (Sierra, Silverado, Suburban, Yukon, Denali, Avalanche, 1500) (1998-2006)
74080007	Disconnect Shifter Kit (Sierra, Silverado, Suburban, Yukon, Denali, Avalanche, 1500) (2007+)

ASSEMBLY SPECIFICATIONS			
Ring Gear Bolts	110-130 Nm	Fill Plug	33 Nm
Bearing Cap Bolts	n/a	Drain Plug	33 Nm
Pinion Shaft Lock Bolt	n/a	Backlash	.08 - .25 mm
Adjuster Lock Bolt	n/a	Pinion Rolling Torque	1.7-2.8 Nm
Axle Shaft Bolts	N/A	Vent Plug / Housing	23-33Nm
Cover Pan Bolts	N/A		
Carrier Bolts	55 Nm	Lube Fill Volume	1.66 Litres
Tube Bolts	35-45 Nm	Lube Type	75W-90 SYNTHETIC
Axle Shaft Seal Cover	N/A	Lube Level	N/A
Disconnect Housing Bolts	N/A	Carrier Break	3.08↓ - 3.42↑
Mounting Bracket Bolts	n/a	Production Differentials	OPEN
Actuator	15-30 Nm	Production Gear Ratios	3.08,3.42,3.73,4.10

TECH NOTES	
All gear sets are two-cut, lapped and meet OEM NVH standards.	



## 8.6" GM REAR AXLE SPECIFICATIONS (10 BOLT)

### VEHICLE

Sierra, Silverado, Silverado SS, Tahoe, Yukon, Escalade, Avalanche, Suburban, H3, H3T, Savana, Express (G), SSR, S10, Sonoma, Blazer, Jimmy, Bravada, Saab 9-7X, Caprice, Impala, Oldsmobile Custom Cruiser (B), Fleetwood (D), Full Size 2WD (C), Full Size 4WD (K), Pick Up Prior to 87 (R)

	GEAR SET RATIOS	YEAR	USAGE
40049437	3.08	1982+	Truck/Van
40053033	3.08	1986-1996	Car (ABS)
40049439	3.23	1986-1996	Truck/Van
40053035	3.23	1986-1996	Car (ABS)
40053029	3.42	1986-1996	Car (ABS)
40048438	3.42	1986+	Truck/Van
40053037	3.73	1986-1996	Car (ABS)
40049429	3.73	1982+	Truck/Van
40053031	4.10	1982-1996	Car (ABS)
40049433	4.10	2002+	Truck/Van
40053802	4.56	2007-2010	Hummer H3

DIFFERENTIAL CASE	
40048044	Open (with internals)
26010481	Open (w/out internals) 1982-1999

PINION YOKE	
40090474	Pinion Yoke (1355 series, 4 Footed without Sleeve) (Truck Van Full Size) (C/K/G) (2009+)
40029412	Pinion Yoke (1355 series, 4 Footed) (Pickup) (2009+)

AXLE SHAFT	
26042818	L/R (846mm; 30 tooth; 5 bolt) (Van Full Size) (G) (1986-1988)
14042690	L/R (838mm; 28 tooth) (Van) (G) (1975-1989)
15521892	L/R (838mm; 28 tooth; 6 bolt) (Truck Full Size) (C) (K) (1988+)
74020415	(797mm; 30 tooth; 5 bolt drum) (Truck Full Size 2WD) (C) (1988-1991)
74023313	(846mm; 30 tooth; 5 bolt drum) (Van Full Size) (G) (1988-1995)
40016171	(853mm; 30 tooth; 6 bolt drum) (Truck Full Size) (C) (K) (2006+)
40019701	(866mm; 30 tooth; 6 bolt disc) (Truck Full Size) (C) (K) (2007+)
40019702	L/R (866mm; 30 tooth) (Truck Full Size, Hummer) (2006+)
40040544	(854mm; 30 tooth; 6 bolt) (Hummer) (2006+)
74020414	(801mm; 30 tooth; 6 bolt drum)(Truck Full Size 4WD)(K)(88-91)
40032788	LH (842mm; 30 tooth; 6 bolt disc) (Utilities/SSR) (2002+)
40032789	RH (803mm; 30 tooth; 6 bolt disc) (Utilities/SSR) (2002+)
74020146	(839mm; 30 tooth; 6 bolt) (Truck Full Size) (C) (K) (1989+)
74020417	(808mm; 30 tooth; 5 bolt drum)(Truck Full Size) (1992-1998)
40052047	RH (731.69mm; 30 tooth; 6 bolt drum) (Pickup) (2008+)
40052055	RH (761.69mm; 30 tooth; 6 bolt drum) (Pickup) (2008+)
40052050	LH (805.28mm; 30 tooth; 6 bolt drum) (Pickup) (2008+)



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Axle Components | Driveshaft Components | Repair Kits

## 8.6" GM REAR AXLE SPECIFICATIONS (10 BOLT) CONT.

### VEHICLE

Sierra, Silverado, Silverado SS, Tahoe, Yukon, Escalade, Avalanche, Suburban, H3, H3T, Savana, Express (G), SSR, S10, Sonoma, Blazer, Jimmy, Bravada, Saab 9-7X, Caprice, Impala, Oldsmobile Custom Cruiser (B), Fleetwood (D), Full Size 2WD (C), Full Size 4WD (K), Pick Up Prior to 87 (R)

AXLE INSTALLATION & REPAIR KITS	
74010008	Master Install Kit (Sierra, Silverado, Silverado SS, Tahoe, Yukon, Escalade, Avalanche, H3, H3T, SSR, S10, Sonoma, Blazer, Jimmy, Bravada, Suburban, Saab 9-7X) (1998+)
74067007	Master Bearing Kit (S-10, Sonoma, Blazer, Jimmy, Bravada, Silverado, Sierra, Suburban, Savana, Express) (1982-1998)
74067008	Master Bearing Kit (Silverado, Sierra, Yukon, Denali, Suburban, Escalade, Avalanche, H3, H3T, 1500) (1999-2008)
74067016	Master Bearing Kit (Silverado, Sierra, Yukon, Denali, Suburban, Escalade, Avalanche, H3, H3T) (2009-Current)
74040887	Diff Gear Kit (30 tooth) (Sierra, Silverado, Suburban, Yukon, Denali, Avalanche, Savana, Express, H3, H3T, 1500) (2009+)
74047014	Diff Gear Kit (28 tooth) (S10, Sonoma, Blazer, Jimmy, Bravada, Silverado, Sierra, Yukon, Suburban, Escalade, Savana, Express, Caprice, G-Van, 1500 (large hub)(1999 mid 2000)
74040441	Diff Gear Kit (30 tooth) (S10, Sonoma, Blazer, Jimmy, Bravada, Silverado, Sierra, Yukon, Suburban, Escalade, Savana, Express, Caprice, G-Van, 1500 (small hub)(1990-1998)
74046964	Diff Gear Kit (28 tooth) (S10, Sonoma, Blazer, Jimmy, Bravada, Silverado, Sierra, Yukon, Suburban, Escalade, Savana, Express, Caprice, G-Van, 1500 (small hub)(1982-1989)
74047015	Diff Gear Kit (30 tooth) (S10, Sonoma, Blazer, Jimmy, Bravada, Silverado, Sierra, Yukon, Tahoe, Suburban, Escalade, Denali, Savana, Express, H3, H3T) (2000-2008)
74020007	Pinion Seal Kit (All vehicles) (1998+)
74050011	Wheel End Kit (Sierra, Silverado, Tahoe, Yukon, Escalade, Suburban, Trailblazer with VSES) (1998+)
74030005	Coverpan Kit (Trailblazer, Envoy) (Extended version) (2002-2006)
74030006	Coverpan Kit (H3, H3T, Colorado, Canyon) (2005+)
74030007	Coverpan Kit (Sierra, Silverado, Yukon, Tahoe, Escalade, Denali, Avalanche, Savana, Express, S10, Sonoma, Blazer, Jimmy, Bravada) (1998+)

ASSEMBLY SPECIFICATIONS			
Bearing Cap Bolts	60 - 90 Nm	Production Differentials	Open supplied by AAM/Locking not supplied by AAM
Ring Gear Bolts	110 - 130 Nm	Production Gear Ratios	2.73,3.08,3.23,3.42,3.73
Backlash	.076 - .255 mm		4.10,4.56
Cover Pan Bolts	32 - 46 Nm (20 - 40 Nm for aluminum 3rd Member)		
Pinion Rolling Torque	1.7 - 3.4 Nm		
Pinion Shaft Lock Bolt	31 - 41 Nm		
Axle Shaft End Play	.75 mm (max)		
Fill Plug	55- 65 Nm		
Drain Plug	55 - 65 Nm		
Carrier Break	2.73↓ 3.08↑		
Lube Type	75W90 Synthetic		
Lube Fill	1900 - 2100 MI		

TECH NOTES	
All gear sets are two-cut, lapped and meet OEM NVH standards.	



## 195MM GM REAR AXLE SPECIFICATIONS

VEHICLE  
Camaro V6

	GEAR SET RATIOS	YEAR	USAGE
40042733	2.92	2010+	V6 Camaro
40047243	3.27	2010+	V6 Camaro

DIFFERENTIAL CASE	
40047323	Open Diff Case Assembly (with internals) 2.92 ratio
40074746	Open Diff Case Assembly (with internals) 3.27 ratio

AXLE INSTALLATION & REPAIR KITS	
74010035	Install Kit

AAM COMPONENTS	
40037574	Pinion Nut
40007898	Ring Gear Bolt
40047372	Pinion Flange Asm
40053351	Pinion Seal
40047374	Output Seal
9785792	Pinion Bearing Spacer

ASSEMBLY TORQUE SPECIFICATIONS		
Inspection Cover Bolts	50 - 60 Nm	(37 - 44 LB FT)
Carrier Cap Bolts	56 - 70 Nm	(41 - 52 LB FT)
Ring Gear Bolts	110 - 130 Nm	(81 - 96 LB FT)
Pinion Preload	2.0 - 2.6 Nm	(18 - 23 FT LB)
Backlash	.05 - .125 mm	(.002" .005")
Fill/Drain Plug Torque	25 - 40 Nm	(18 - 30 LBFT)
Vent Torque	23 - 33 Nm	(17 - 24 LB FT)



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Axle Components | Driveshaft Components | Repair Kits

## 218MM GM REAR AXLE SPECIFICATIONS

**VEHICLE**  
Camaro V8

	GEAR SET RATIOS	YEAR	USAGE
40037661	3.27	2010+	V8 Camaro
40037664	3.45	2010+	V8 Camaro
40098654	3.91	2010+	V8 Camaro

DIFFERENTIAL CASE	
40053855	TracRite PC - Differential Asm, Limited Slip

AXLE INSTALLATION & REPAIR KITS	
74010007	Install Kit
74020014	Pinion Seal Kit
74050017	Output Seal Kit
74060018	Bearing Kit

AAM COMPONENTS	
40037574	Pinion Nut
40007898	Ring Gear Bolt
40081311	Pinion Flange Asm (3.91 & 3.45 ratio)
40037584	Pinion Flange Asm (3.27 ratio)
40053191	Pinion Seal
40037575	Output Seal
14012691	Pinion Bearing Spacer

ASSEMBLY TORQUE SPECIFICATIONS		
Inspection Cover Bolts	50 - 60 Nm	(37 - 44 LB FT)
Carrier Cap Bolts	100 - 110 Nm	(41 - 52 LB FT)
Ring Gear Bolts	110 - 130 Nm	(81 - 96 LB FT)
Pinion Preload	2.0 - 3.0 Nm	(18 - 23 FT LB)
Backlash 3.27/3.45	.05 - .125 mm	(.002"-.005")
Backlash 3.91	.050-.127mm	(.005"-.009")
Fill/Drain Plug Torque	25 - 40 Nm	(18 - 30 LBFT)
Vent Torque	23 - 33 Nm	(17 - 24 LB FT)





## 250MM GM REAR AXLE SPECIFICATIONS

VEHICLE  
Camaro ZL1

				DIFFERENTIAL CASE	
	GEAR SET RATIOS	YEAR	USAGE		
40090948	3.23	2013+	Camaro HP	40104505	TracRite PC - Differential Asm, Limited Slip
40090947	3.73	2013+	Camaro HP		

AXLE INSTALLATION & REPAIR KITS	
74010036	Install Kit

AAM COMPONENTS	
40085863	Pinion Nut
40071720	Ring Gear Bolt
40088189	Pinion Flange Asm
40069319	Pinion Seal
40088197	Output Seal
40090638	Pinion Bearing Spacer

ASSEMBLY TORQUE SPECIFICATIONS		
Inspection Cover Bolts	50 - 60 Nm	(37 - 44 LB FT)
Carrier Cap Bolts	152 - 179 Nm	(112 - 132 LB FT)
Ring Gear Bolts	290 - 300 Nm	(213 - 221 LB FT)
Pinion Preload	2.7 - 3.4 Nm	(23 - 30 FT LB)
Backlash	.150 - .250 mm	(.005" .009")
Fill/Drain Plug Torque	25 - 40 Nm	(18 - 30 LBFT)
Heat Exchanger Fittings	18 - 25 Nm	(13 - 18 LB FT)
Vent Torque	23 - 33 Nm	(17 - 24 LB FT)



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Axle Components | Driveshaft Components | Repair Kits

## 9.25" GM IFS FRONT AXLE SPECIFICATIONS (CLAMSHELL)

### VEHICLE

Sierra, Silverado 2500/3500, Suburban, Yukon XL,  
Avalanche 2500, H2, Full Size Truck 2WD (C), Full Size Truck 4WD (K)

	GEAR SET RATIOS	YEAR	USAGE
26060068	3.42	1988+	4WD
40058536	3.73	1988+	4WD
40072307	4.10	1988+	4WD & AWD
26060058	4.56	1988+	4WD

DIFFERENTIAL CASE	
74032695	Open (without internals) 4WD & AWD 1988+
40035046	Open (with internals) All vehicles (GMT800/900,H2) 2005+

AXLE SHAFT	
40057072	(517mm; 33 tooth; 6 bolt) (AWD) (2008+)
40039201	RH (357mm; 33 tooth; 6 bolt) (4WD (1999+)
40057071	LH (148mm; 33 tooth; 6 bolt) (Silverado, Sierra, H2) (2009+)

PINION YOKE	
40025925	Pinion Yoke (1344 series, 4 Footed) Truck, Full Size Van (2009+)

AXLE INSTALLATION & REPAIR KITS	
74010011	Master Install Kit (Sierra, Silverado, 2500/3500, Yukon XL, Avalanche 2500, H2) (1999+)
74067005	Master Bearing Kit (Sierra, Silverado, 2500/3500, Yukon XL, Avalanche 2500, Ram 2500/3500) (1988+)
74047037	Diff Gear Kit (33 tooth) (Sierra, Silverado, Suburban, Yukon XL, Avalanche, H2 2500) (1988- 2006+)
74020008	Pinion Seal Kit (Silverado 2500/3500, Sierra, Yukon XL, Suburban, Avalanche 2500, H2) (1999+)
74050005	Output Shaft Seal Kit (Silverado 2500/3500, Sierra, Yukon XL, Suburban, Avalanche 2500, H2) (1997+)
74080008	Disconnect Shifter Kit (Silverado 2500/3500, Sierra, Yukon XL, Suburban, Avalanche 2500, H2) (2001+)

ASSEMBLY SPECIFICATIONS			
Ring Gear Bolts	138 Nm	Fill Plug	33 Nm
Bearing Cap Bolts	N/A	Drain Plug	33 Nm
Pinion Shaft Lock Bolt	55 Nm	Backlash	.08-.25 mm
Adjuster Lock Bolt	10 Nm	Pinion Rolling Torque	1.7-3.4 Nm
Axle Shaft Bolts	N/A	Vent Plug / Housing	28 Nm
Cover Pan Bolts	N/A	3Rd Member Rolling Torque	3.4-6.2 Nm
Carrier Bolts	55 Nm	Lube Fill Volume	v1.73 Litres
Tube Bolts	45 Nm	Lube Type	75W-90 Synthetic
Axle Shaft Seal Cover	N/A	Lube Level	0-6 mm below fill plug
Disconnect Housing Bolts	N/A	Carrier Break	None
Mounting Bracket Bolts	N/A	Production Differentials	OPEN
Actuator	15-33 Nm	Production Gear Ratios	3.42,3.73,4.10,4.56

TECH NOTES	
All gear sets are two-cut, lapped and meet OEM NVH standards.	



## 9.25" GM IFS FRONT AXLE SPECIFICATIONS (SALISBURY)

**VEHICLE**  
Sierra, Silverado 2500/3500  
Truck 4WD Full Size (K)

	GEAR SET RATIOS	YEAR	USAGE
26060068	3.42	2011	GMT900
40058536	3.73	2011	GMT900
40072307	4.10	2011	GMT900
26060058	4.56	2011	GMT900

DIFFERENTIAL CASE	
40058274	Open (with internals) GMT900 2011+
40058275	Open (without internals) GMT900 2011+

AXLE SHAFT	
40058311	Output Shaft LH (GMT900) (2011+)
40058285	IO Shaft (GMT900) (2011+)
50058310	Output Shaft Assembly w/ Snap Ring LH (GMT900) (2011+ )
40058313	Output Shaft RH (GMT900) (2011+)

PINION YOKE	
40025925	Pinion Yoke (2011+)

AXLE INSTALLATION & REPAIR KITS	
74010010	Master Install Kit (Sierra, Silverado, 2500/3500) (2011+) (Salisbury)
74040363	Diff Gear Kit (Sierra, Silverado, Suburban, Yukon, Savana, Express, Avalanche, H2, SSR, Trailblazer SS) (2010+)
74020008	Pinion Seal Kit (Silverado 2500/3500, Sierra, Yukon XL, Suburban, Avalanche 2500, H2) (1999+)
74050006	Output Shaft Seal Kit (Silverado 2500/3500, Sierra) (2011+) (Salisbury)
74080009	Disconnect Shifter Kit (Silverado 2500/3500, Sierra) (2011+) (Salisbury)
74030008	Coverpan Kit (Silverado 2500/3500, Sierra) (2011+) (Salisbury)

ASSEMBLY SPECIFICATIONS			
Ring Gear Bolts	122- 155 Nm	Fill Plug	25 - 40
Bearing Cap Bolts	N/A	Drain Plug	25 - 40
Pinion Shaft Lock Bolt	45 - 60 Nm	Backlash	.075 - .25 mm
Adjuster Lock Bolt	N/A	Pinion Rolling Torque	2.4 - 3.5 Nm
Hub Bolts	N/A	Vent Plug / Housing	23 - 33 Nm
Hub Nut	N/A		
Upper Ball Joint Nut	N/A	Lube Fill Volume	1.78 l
Lower Ball Joint Nut	N/A	Lube Type	75W-90 Synthetic
Cover Pan Bolts	32 - 46 Nm	Lube Level	N/A
Carrier Bolts	N/A	Carrier Break	NONE
Tube Bolts	60 - 70 Nm	Production Differentials	OPEN
Axle Shaft Seal Cover	N/A	Production Gear Ratios	3.42,3.73,4.10
Disconnect Housing Bolts	N/A		
Mounting Bracket Bolts	N/A		
Actuator	25 - 35 Nm		

TECH NOTES	
All gear sets are two-cut, lapped and meet OEM NVH standards.	



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Axle Components | Driveshaft Components | Repair Kits

## 9.50" GM REAR AXLE SPECIFICATIONS (14 BOLT)

### VEHICLE

Sierra, Silverado, Tahoe, Yukon, Escalade, Suburban, Savana, Express, H2, Avalanche 2500 C/K/G Series, Full Size Truck 2WD (C), Full Size Truck 4WD (K), Full Size Van (G)

	GEAR SET RATIOS	YEAR	USAGE
40051784	3.42	1982+	C/K/G
40033264	3.73	1982+	C/K/G
40033637	4.10	1982+	C/K/G

DIFFERENTIAL CASE	
40035046	Open (with internals) GMT800/900/H2/Van 2005+
14012695	Open (w/out internals) GMT 800/900/H2/Van (2005+)

### AXLE SHAFT

74020414	(846mm;33 tooth; 8 bolt; disc) (C/K) (1999+)
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### PINION YOKE

40055350	Pinion Yoke (1415 UJT, 4 Footed) (C/K/G) (2010+)
26060881	Pinion Yoke (1355 UJT, 4 Footed) (C/K) (2005+)

### AXLE INSTALLATION & REPAIR KITS

74010012	Master Install Kit (Trailblazer SS, SSR, Savana, Express, Sierra, Silverado, Silverado SS Yukon, Tahoe, Escalade, Suburban, H2 1500/2500 (1998+)
74067005	Master Bearing Kit (Sierra, Silverado, Suburban, Yukon XL, Avalanche 2500/3500, Ram 2500/3500) (1982+)
74047037	Diff Gear Kit (30 Tooth) (Sierra, Silverado, Suburban, Yukon XL, Avalanche 2500, H2) (1981+)
74020010	Pinion Seal Kit (All vehicles) (1998+)
74050012	Wheel End Kit (Tahoe, Yukon, Escalade, Trailblazer SS w/VSES) (2003-2009)
74050013	Wheel End Kit (Sierra, Silverado, Tahoe, Yukon, Escalade, Suburban w/VSES) (2007+)
74050014	Wheel End Kit (Silverado SS, SSR, w/o VSES (2005-2006)
74050015	Wheel End Kit (H2, Savana, Express, Sierra, Silverado, Yukon XL, Suburban, Avalanche 2500) (1997+)
74030010	Coverpan Kit (H2) (2003-2009)
74030011	Coverpan Kit (Trailblazer SS, SSR, Savana, Express, Sierra, Silverado, Silverado SS, Yukon, Tahoe, Escalade, Denali, Avalanche, Suburban) (1998+)

### ASSEMBLY SPECIFICATIONS

Bearing Cap Bolts	70 - 100 Nm		
Ring Gear Bolts	125 - 155 Nm	Production Differentials	Open supplied by AAM/Locking not supplied by AAM
Adjuster Lock Bolt	18 - 33 Nm	Production Gear Ratios	3.42,3.73,4.10
Backlash	.075 - .25 mm		
Cover Pan Bolts	32 - 46 Nm		
Pinion Rolling Torque	1.70 - 3.38 Nm		
Pinion Shaft Lock Bolt	45 - 60 Nm		
Axle Shaft End Play	.749 mm (max)		
Fill Plug	25 - 40 Nm		
Drain Plug	25 - 40 Nm		
Carrier Break	None		
Lube Type	75W90 Synthetic		
Lube Fill	2400 - 2800 MI		

### TECH NOTES

All gear sets are two-cut, lapped and meet OEM NVH standards.



## 10.50" GM REAR AXLE SPECIFICATIONS (14 BOLT)

### VEHICLE

Sierra, Silverado 2500/3500, Suburban, Yukon XL, Avalanche 2500, H2, Workhorse Custom Chassis (WWC), Light Duty Commercial, Mini Motor Home (P), Full Size 2WD (C), Full Size 4WD (K) Truck "C" Prior to 87 (R), Full Size Van (G), Full Size Truck 4WD Prior to 87 (V)

	GEAR SET RATIOS	YEAR	USAGE
74015280	3.42	1887+	C/K/R/V/G
40058731	3.73	1982+	C/K/R/V/G
40070463	4.10	1982+	P/C/K/R/V/G/WWC
40010717	4.56	1982+	P/C/K/R/V/G/WWC
74015283	5.13	1982+	P/C/K/R/V/G/WWC

DIFFERENTIAL CASE	
74037357	Open (without internals) 4.10 Ratio & Down, 1975+

AXLE SHAFT	
74027383	LH(814MM; 30 tooth; 8 bolt; drum; 2WD & 4WD) (C/K/R/V/G/WCC) (1973+)
74027384	RH(965MM; 30 tooth; 8 bolt; drum; 2WD & 4WD) (C/K/R/V/G/WCC) (1973+)
74021161	LH(953MM; 30 tooth; 8 bolt; drum; 2WD & 4WD) (C/K) (1988-2000)
40054780	LH(861MM; 30 tooth; 8 bolt; disc; 2WD) (G) (2010+)
40054781	RH(1002MM; 30 tooth; 8 bolt; disc; 2WD) (G) (2010+)
40059203	LH(945MM; 30 tooth; 8 bolt; disc; 2WD) (G) (2010+)
40059202	RH(1087MM; 30 tooth; 8 bolt; disc; 2WD) (G) (2010+)
40052094	LH(868MM; 30 tooth; 8 bolt; disc; 2WD) (G) (2010+)
40052092	RH(1009MM; 30 tooth; 8 bolt; disc; 2WD) (G) (2010+)
26045426M	LH(851MM; 30 tooth; disc) (2000+ Suburban, 1999-2010 Pickups)
12471329	RH(991MM; 30 tooth; disc) (2000+ Suburban, 1999-2010 Pickups)
26020040	Axle Shaft 932mm, 30 Tooth (1992+)
26011162	Axle Shaft 1065mm, 30 Tooth RH (1998-2000)

PINION YOKE	
74004017	Pinion Yoke (1410 UJT; 4 Footed) (P/C/K/G/WCC) (1997+)
40065702	Pinion Yoke (1355 UJT; 4 Footed) (G) (2010+)
26060884	Pinion Yoke (1415 UJT; 4 Footed) (P/C/K/R/V/G/WCC) (1975+)

AXLE INSTALLATION & REPAIR KITS	
74010014	Master Install Kit (Sierra, Silverado, 2500/3500, Yukon XL, Avalanche 2500, Savana/Express 2500/3500) (1998+)
74067009	Master Bearing Kit (Sierra, Silverado, Yukon XL, Avalanche 2500, Express/Savana 2500/3500) (1996+)
74047917	Diff Gear Kit (30 tooth) (Sierra, Silverado, Suburban, Yukon XL, Avalanche, 2500/3500) (1985+)
74020011	Pinion Seal Kit (All vehicles) (1998+)
74030012	Coverpan Kit (Silverado, 2500/3500, Sierra, Yukon XL, Suburban, Avalanche with SRW only) (1999-2010)
74030013	Coverpan Kit (Savana, Express 2500/3500 with DRW only) (2010+)
74030014	Coverpan Kit (Sierra, Silverado, 2500/3500) (2011+)
74070001	Wheel End Kit (Sierra, Silverado, 2500/3500, Savana Express) (2010+)
74070003	Wheel End Kit (Sierra, Silverado, 2500/3500, SRW) (2011+)



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## 10.50" GM REAR AXLE SPECIFICATIONS (14 BOLT) CONT.

### VEHICLE

Sierra, Silverado 2500/3500, Suburban, Yukon XL, Avalanche 2500, H2, Workhorse Custom Chassis (WWC), Light Duty Commercial, Mini Motor Home (P), Full Size 2WD (C), Full Size 4WD (K) Truck "C" Prior to 87 (R), Full Size Van (G), Full Size Truck 4WD Prior to 87 (V)

ASSEMBLY SPECIFICATIONS			
Bearing Cap Bolts	150 - 220 Nm	Production Differentials	Open supplied by AAM/Locking not supplied by AAM
Ring Gear Bolts	140 - 190 Nm	Production Gear Ratios	3.42,3.73,4.10,4.56,5.13
Adjuster Lock Bolt	18 - 33 Nm		
Backlash	.08 - .30 mm		
Cover Pan Bolts	32 - 46 Nm		
Pinion Support Bolts	75 - 100 Nm		
Pinion Rolling Torque	1.69 - 2.60 Nm		
Axle Shaft Endplay	.025 - .25 mm		
Axle Shaft Bolts	170 - 200 Nm		
Fill Plug	25 - 40 Nm		
Drain Plug	25 - 40 Nm		
Carrier Break	4.30 - 4.56		
Lube Type	75W-90 Synthetic		
Lube Fill	2600 MI		

### TECH NOTES

All gear sets are two-cut, lapped and meet OEM NVH standards.



## 11.50" GM REAR AXLE SPECIFICATIONS (14 BOLT)

### VEHICLE

Sierra, Silverado 2500/3500  
Full Size Truck 2WD (C), Full Size Truck 4WD (K),  
Workhorse Chassis (WCC), Full Size Van (G)

	GEAR SET RATIOS	YEAR	USAGE
40101174	3.42		
40101173	3.73	2001+	C/K
40094550	4.10	2001+	C/K
40005991	4.63	2001+	WCC
40030646	5.13		

DIFFERENTIAL CASE	
40101020	Open (with internals) C/K (2001+)
40101021	Open (without internals) C/K (2001+)
40099548	Helical limited Diff (Tracrite GT) C/K (2001+)

AXLE SHAFT	
40042353	(913mm; 30 tooth; 8 bolt; dual wheel, disc; 2WD) (C/K/G) (2008+)
40051861	(947mm; 30 tooth; 8 bolt; dual wheel, disc; 2WD & 4WD) (C/K) (2010+)
40051863	(1023mm; 30 tooth; 8 bolt; dual wheel, disc; 2WD & 4WD) (C/K) (2010+)
40051859	(932mm; 30 tooth; 8 bolt; dual wheel; disc; 2WD & 4WD) (C/K) (2010+)

PINION YOKE	
40007479	Pinion Yoke (1485 UJT, 4 Footed) (C/K) (1999-2010)
40082168	Pinion Yoke (1485 UJT, 4 Footed) (C/K) (2011+)
40003618	Pinion Yoke (1415 UJT, 4 Footed) (C/K) (1999-2010+)

AXLE INSTALLATION & REPAIR KITS	
74010015	Master Install Kit (Sierra, Silverado) (2001-2010)
74017016	Master Install Kit (Sierra, Silverado) (2011+)
74067011	Master Bearing Kit (Sierra, Silverado) (2001+)
74045615	Diff Gear Kit (30 Tooth) (Sierra, Silverado) (2001-2006)
74046293	Diff Gear Kit (30 Tooth) (Sierra, Silverado) (2007-2010)
74020013	Pinion Seal Kit (Sierra, Silverado) (2001+)
74070001	Wheel End Kit (Sierra, Silverado, Savana, Express, SRW) (2001-2010)
74070002	Wheel End Kit (Sierra, Silverado, Savana, Express DRW) (2001-2010 Sierra, Silverado) (2011+ Savana, Express)
74050003	Wheel End Kit (Sierra, Silverado, SRW) (2011+)
74070004	Wheel End Kit (Sierra, Silverado, DRW) (2011+)
74030018	Coverpan Kit (Sierra, Silverado) (2001+)

ASSEMBLY SPECIFICATIONS			
Bearing Cap Bolts	250 - 313 Nm	Production Differentials	Open supplied by AAM/Locking not supplied by AAM
Ring Gear Bolts	80 Nm + 64° - 71°	Production Gear Ratios	3.42,3.73,4.10,4.56,5.13
Adjuster Lock Bolt	20 - 34 Nm		
Backlash	.08 - .30		
Cover Pan Bolts	32 - 46 Nm		
Pinion Rolling Torque	1.70 - 3.38 Nm		
Axle Shaft Endplay	.025 - .25 mm		
Axle Shaft Bolts	170 - 200 Nm		
Fill Plug	25 - 40 Nm		
Drain Plug	25 - 40 Nm		
Carrier Break	None		
Lube Type	75W90 Synthetic		
Lube Fill	3600 - 4000 MI		

### TECH NOTES

All gear sets are two-cut, lapped and meet OEM NVH standards.



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## 9.25" RAM FRONT AXLE SPECIFICATIONS, BEAM AXLE (14 BOLT)

**VEHICLE**  
Ram 2500/3500

	GEAR SET RATIOS	YEAR	USAGE
40045288	3.42	2008+	Ram 2500/3500
40036546	3.73	2007+	Ram 2500/3500
40011782	4.10	2003+	Ram 2500/3500
40022464	4.56	2004+	Ram 2500/3500 E-lock

DIFFERENTIAL CASE	
40047279	Tracrite – El differential case and coil assembly 2005+
40035046	Open (with internals) 2003-2006
40031460	Open (with internals) 2007+

AXLE SHAFT	
40020735	(1485 series; complete assembly; first generation; right hand long 33 spline) (2003-2008)
40020734	(1485 series; complete assembly; first generation; left hand short 33 spline) (2003-2008)
40052461	(1485 series; complete assembly; second generation; right hand long 35 spline) (2009+)
40052460	(1485 series; complete assembly; second generation; left hand short 35 spline) (2009+)
40050487	(1555 series; complete assembly; first generation; right hand long 35 spline) (2010+)
40050488	(1555 series; complete assembly; first generation; left hand short 35 spline) (2010+)

PINION YOKE	
40047860	Pinion Yoke (piloted) (2003+)

AXLE INSTALLATION & REPAIR KITS	
74010009	Master Install Kit (Ram 2500/3500) (2003+)
74067005	Master Bearing Kit (Ram 2500/3500) (2003+)
74042462	Diff Gear Kit (Ram 2500/3500) (2007+)
74047037	Diff Gear Kit (Ram 2500/3500) (2003-2006)
74020009	Pinion Seal Kit (Ram 2500/3500) (2003+)
74050016	Output Shaft Seal Kit (Ram 2500/3500) (2003+)
74030009	Coverpan Kit (Ram 2500/3500) (2003+)
74100001	Ball Joint Kit (Ram 2500/3500) (2003-2013)
74110001	Wheel Joint (1485 Series) Kit (Ram 2500/3500) (2003-2009)
74110002	Wheel Joint (1555 Series) Kit (Ram 2500/3500) (2010+)

ASSEMBLY SPECIFICATIONS			
Ring Gear Bolts	125 - 155 Nm	Fill Plug	25 - 40 Nm
Bearing Cap Bolts	70 - 100 Nm	Drain Plug	25 - 40 Nm
Pinion Shaft Lock Bolt	45 - 60 Nm	Backlash	.10 - .20 mm
Adjuster Lock Bolt	18 - 33 Nm	Pinion Rolling Torque	1.70 - 3.38 Nm
Hub Bolts	185 - 220 Nm	Vent Plug / Housing	N/A
Hub Nut	212 Nm		
Upper Ball Joint Nut	100 - 125 Nm	Lube Fill Volume	2.25 Litres
Lower Ball Joint Nut	185 - 220 Nm	Lube Type	75w-90 Synthetic
Cover Pan Bolts	32 - 39 Nm	Lube Level	N/A
Carrier Bolts	N/A	Carrier Break	None
Tube Bolts	N/A	Production Differentials	OPEN / TRACRITE-EL
Axle Shaft Seal Cover	N/A	Production Gear Ratios	3.42,3.54,3.73,4.10,4.56
Disconnect Housing Bolts	N/A		
Mounting Bracket Bolts	N/A		
Actuator	N/A		

TECH NOTES	
All gear sets are two-cut, lapped and meet OEM NVH standards.	





## 10.50" RAM AXLE SPECIFICATIONS (14-BOLT)

**VEHICLE**  
Ram 2500/3500

	GEAR SET RATIOS	YEAR	USAGE
40069918	3.73	2003+	Ram 2500/3500
40069922	4.10	2003+	Ram 2500/3500
40009354	4.56	2005+	Ram 2500/3500 E-Lock

DIFFERENTIAL CASE	
40008175	Open (with internals) 2003+
40010351	Tracrite GT (with internals) 2003 +
40008168	Open (without internals) 2003+
40047275	Coil & Case Assembly (with internals) Tracrite GTL-Electronic

AXLE SHAFT	
40020768	(935mm; 30 tooth; 8 bolt; disc) (2003+)

PINION YOKE	
40047864	Pinion Yoke (piloted) (2005+)

AXLE INSTALLATION & REPAIR KITS	
74010013	Master Install Kit (Ram 2500/3500) (2003+)
74067010	Master Bearing Kit (Ram 2500/3500) (2003+)
74049286	Diff Gear Kit (Ram 2500/3500) (2003+)
74020012	Pinion Seal Kit (Ram 2500/3500) (2003+)
74070005	Wheel End Kit (Ram 2500/3500) (2003+)
74030015	Coverpan Kit (Ram 2500/3500) (2003+)

ASSEMBLY SPECIFICATIONS			
Ring Gear Bolts	80 Nm + 55° / 65°	Drain Plug	N/A
Pinion Shaft Lock Bolt	N/A	Backlash	.08 - .3 Mm
Bearing Cap Bolts	163 Nm	Pinion Rolling Torque	1.7 - 3.38 Nm
Adjuster Lock Bolt	27 Nm		
Axle Shaft Bolts	41 Nm + 37°	Lube Fill Volume	2.5 Litres
Cover Pan Bolts	39 Nm	Lube Type	75W-90 Synthetic
Carrier Bolts	N/A	Carrier Break	None
Tube Bolts	N/A	Production Differentials	Open/Tracrite Gt/Tracrite Gtl
Pinion Support Bolts	N/A	Production Gear Ratios	3.54,3.73,4.10,4.56
Fill Plug	33 Nm		

TECH NOTES	
All gear sets are two-cut, lapped and meet OEM NVH standards.	



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## 11.50" RAM AXLE SPECIFICATIONS (14-BOLT)

**VEHICLE**  
Ram 2500/3500

	GEAR SET RATIOS	YEAR	USAGE
40101174	3.42	2007+	Ram 2500/3500
40101173	3.73	2003+	Ram 2500/3500
40094550	4.10	2003+	Ram 2500/3500

DIFFERENTIAL CASE	
40101020	Open (with internals) 2003+
40101021	Open (without internals) 2003+
40099548	Tracrite GT (with internals) 2003+

AXLE SHAFT	
40022280	(1019mm; 30 tooth; 8 bolt; disc) (DRW) (2003+)
40041952	(968mm; 30 tooth; 8 bolt; disc) (2007+)
40022279	(935mm, 30 Tooth Ram 2500/3500) (2003+)

PINION YOKE	
40062272	Pinion Yoke (piloted) (2007+)

AXLE INSTALLATION & REPAIR KITS	
74010016	Master Install Kit (Ram 2500/3500) (2003+)
74067011	Master Bearing Kit (Ram 2500/3500) (2003+)
74046293	Diff Gear Kit (Ram 2500/3500) (2003+)
74020013	Pinion Seal Kit (Ram 2500/3500) (2003+)
74070006	Wheel End Kit (Ram 2500/3500) (DRW) (2003+)
74070005	Wheel End Kit (Ram 2500/3500) (SRW) (2003+)
74030016	Coverpan Kit (Steel) (Ram 2500/3500) (2003+)
74030017	Coverpan Kit (Aluminum) (Ram 2500/3500) (2003+)

ASSEMBLY SPECIFICATIONS			
Bearing Cap Bolts	250 - 313 Nm		
Ring Gear Bolts	80 Nm + 64° - 71°	Production Differentials	Open / Tracrite GT
Adjuster Lock Bolt	20 - 34 Nm	Production Gear Sets	3.42,3.73,4.10
Backlash	.08 - .30		
Cover Pan Bolts	32 - 46 Nm		
Pinion Rolling Torque	1.70 - 3.38 Nm		
Axle Shaft Endplay	.025 - .25 mm		
Axle Shaft Bolts	41 Nm + 37°		
Fill Plug	25 - 40 Nm		
Drain Plug	25 - 40 Nm		
Carrier Break	None		
Lube Type	75W90 Synthetic		
Lube Fill	3600 - 4000 MI		

TECH NOTES	
All gear sets are two-cut, lapped and meet OEM NVH standards.	





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