

Eaton Differential Applications for Jeep®



Eaton Differentials for Jeeps



- 100-percent automatic locking
- Unmatched strength
- Maintenance-free
- Provides maximum amount of traction to both wheel ends



- One wire- no need for additional components (i.e., air lines and compressors)
- Simple push button operation: quickly send all available torque to both wheels equally, providing maximum traction to overcome challenging terrain
- Net-forged gears for maximum strength and durability



- Smooth and automatic engagement- no driver action needed
- Maintenance free, more time on the road
- Increases stability while towing
- Improves off-road traction
- Limits wheel spin-out and improves handling

Differential Install Kits



- Kit includes all necessary components to complete differential installation
- Premium bearings and components ensure long life and quiet operation
- Makes it easier to upgrade to a new Eaton differential

Jeep Application Guide

Year	Axle Model	Ring Gear Dia.	Axle Shaft Dia.	Spline	Gear Ratio	Detroit Locker	Detroit Truetrac	Eaton ELocker	Differential Install Kit
------	------------	----------------	-----------------	--------	------------	----------------	------------------	---------------	--------------------------

Cherokee XJ

1984-2001	FRONT	Dana 30	7.20	1.16	27	3.54 & Dn	162SL60A *	912A584 *	19817-020 *	K-D30-F * K-D30F-CS *		
		Dana 30	7.20	1.16	27	3.73 & Up	162SL60B *	912A585 *	19818-020 *	K-D30-F * K-D30F-CS *		
		Dana Super 30 (Aftermarket Axles Required)				30	3.73 & Up	-	-	19819-020 *	-	
	Chrysler 8.25 (1997-2001)		8.375	1.21	29	ALL	187C179A	912A553	-	K-C8.25-76R		
	Chrysler 8.25 (1991-1996)		8.375	1.17	27	ALL	187C151A	-	-	K-C8.25-76R		
	REAR	Dana 35	7.56	1.18	27	3.54 & Up	162C56A	912A569	19821-020 *	K-D35-R *		
		Dana Super 35 (Aftermarket Axles Required)				30	3.54 & Up	162C66A*	-	19822-020 *	-	
		Dana 44	8.50	1.31	30	3.73 & Dn	187SL16D *	913A589 *	19977-010	K-D44-FR		
Dana 44		8.50	1.31	30	3.92 & Up	187SL16C *	913A590 *	19969-010	K-D44-FR			
F8.8" Explorer Axle Swap		8.8	1.32	31	ALL	187C145A*	913A561	19660-010	K-F8.8EIRS			

Wrangler JL (all models excl. Rubicon)

2018-2021	FRONT	Dana 30 M186	7.32	1.16	27	3.73 & Up	-	-	19818-020		
		Dana 44 M210	8.27	1.41	32	All	-	-	14234-1	K-D44-210	
	REAR	Dana 35 M200	7.87	1.24	29	All	-	-	14244-1	K-D35-200	
		Dana 44 M220	8.66	1.41	32	All	-	-	14234-1	K-D44-220	

Gladiator JT (all models excl. Rubicon)

2020-2021	F.	Dana 44 M210	8.27	1.41	32	All	-	-	14234-1	K-D44-210
	R.	Dana 44 M220	8.66	1.41	32	All	-	-	14234-1	K-D44-220

Wrangler JK & JK Unlimited (all models excl. Rubicon)

2007-2018	FRONT	Dana 30	7.20	1.16	27	3.54 & Dn	-	912A584 *	19817-020 *	K-D30-JK *
		Dana 30	7.20	1.16	27	3.73 & Up	-	912A585 *	19818-020 *	K-D30-JK *
		Dana Super 30 (Aftermarket Axles Required)				30	3.73 & Up	-	-	19819-020 *
	R.	Dana 44	8.50	1.31	30	All	-	913A589	19977-010	K-D44-JK

Wrangler TJ & LJ Unlimited (all models excl. Rubicon)

1997-2006	FRONT	Dana 30	7.20	1.16	27	3.54 & Dn	162SL60A *	912A584 *	19817-020 *	K-D30F-CS *		
		Dana 30	7.20	1.16	27	3.73 & Up	162SL60B *	912A585 *	19818-020*	K-D30F-CS *		
		Dana Super 30 (Aftermarket Axles Required)				30	3.73 & Up	-	-	19819-020*	-	
	REAR	Dana 35	7.56	1.18	27	3.54 & Up	162C56A	912A569	19821-020 *	K-D35-R *		
		Dana Super 35 (Aftermarket Axles Required)				30	3.54 & Up	162C66A*	-	19822-020 *	-	
		Dana 44	8.50	1.31	30	3.73 & Dn	187SL16D *	913A589 *	19977-010	K-D44-FR		
		Dana 44	8.50	1.31	30	3.92 & Up	187SL16C *	913A590 *	19969-010	K-D44-FR		

Wrangler TJ & LJ Unlimited Rubicon

2003-2006	F.	Dana 44	8.50	1.31	30	All	187SL16D *	913A591 *	19977-010	K-D44-FR
	R.	Dana 44	8.50	1.31	30	All	187SL16D *	913A589 *	19977-010	K-D44-FR

Wrangler YJ - All models

1987-1995	FRONT	Dana 30	7.20	1.16	27	3.54 & Dn	162SL60A *	912A584 *	19817-020 *	K-D30-F *	
		Dana 30	7.20	1.16	27	3.73 & Up	162SL60B *	912A585 *	19818-020*	K-D30-F *	
		Dana Super 30 (Aftermarket Axles Required)				30	3.73 & Up	-	-	19819-020*	-
	REAR	Dana 35	7.56	1.18	27	3.54 & Up	162C56A	912A569	19821-020*	K-D35-R *	
		Dana Super 35 (Aftermarket Axles Required)				30	3.54 & Up	162C66A*	-	19822-020*	-

*See the special installation notes on the last page.

Jeep Application Guide

Year	Axle Model	Ring Gear Dia.	Axle Shaft Dia.	Spline	Gear Ratio	Detroit Locker	Detroit Truetrac	Eaton ELocker	Differential Install Kit	
Jeep CJ										
1976-1986	FRONT	Dana 30	7.20	1.16	27	3.54 & Dn	162SL60A *	912A584 *	19817-020 *	K-D30-F *
		Dana 30	7.20	1.16	27	3.73 & Up	162SL60B *	912A585 *	19818-020*	K-D30-F *
		Dana Super 30 (Aftermarket Axles Required)			30	3.73 & Up	-	-	19819-020*	-
	REAR	AMC 20	8.875	1.27	29	3.08 & Up	187SL47A	912A579	-	K-AMC20-R
		AMC 20	8.875	1.27	29	2.73 & Dn	-	912A573	-	K-AMC20-R
		Dana 44	8.50	1.31	30	3.92 & Up	187SL16C *	913A590 *	19969-010	K-D44-FR
Dana 44	8.50	1.31	30	3.73 & Dn	187SL16D *	913A589 *	19977-010	K-D44-FR		
Dana Super 44 (Aftermarket Axles Required)		1.36	33	3.92 & Up	187SL192A *	-	-	-		

*See the special installation notes below or at EatonPerformance.com/installation

Special Installation Notes

19817-020, 19818-020, 19819-020, 162C66A	Bearing LM102949 & race LM102911 and outboard shims are required.
19821-020, 19822-020, 187SL192A	Bearing LM102949 & race LM102911 are required.
913A589, 913A590	For use with non-thick ring gears only.
913A591, 912A584, 912A585, 162SL60A, 162SL60B	Applies to non-axle disconnect style housing only.
187SL16C, 187SL16D	Applies to non-axle disconnect style housing only. For use with non-thick ring gears only. Not for use with factory JK and later housings.
187C145A	4.56 and numerically higher gear ratios require relief grinding on ring gear tooth crown for proper installation.
K D30-F	Dana 30 Long (Reverse Rotation) pinion applications (non-crush sleeve) only. Will work with Detroit Locker & Truetrac only.
K-D30F-CS	Dana 30 short pinion (Standard Rotation) applications (crush sleeve) only '97-'06 TJ-LJ / '00-'01 XJ. Will work with Detroit Locker & Truetrac only.
K-D35-R	Will work with Detroit Locker & Truetrac only.
K-D30-JK	Will work with Detroit Locker & Truetrac only.



Differential Install Kits

Eaton Performance differentials are designed for very specific axle applications. Product listings with an asterisk(*) may require special components or special technical knowledge for installation. Please review the notes section and consult with your local mechanic prior to purchasing or installing any Eaton product. Although every attempt has been made to ensure the accuracy of information contained within, Eaton makes no representation about the completeness, correctness or accuracy and assumes no responsibility for any errors or omissions.