

# AMC 20 / 8.875"

## Specifications:

Ring Gear Diameter = 8.875"  
 Pinion Shaft Diameter = 1.626"  
 Axle Splines = 29  
 Pinion Splines = 28  
 Cover Bolts = 12  
 Ring Gear Bolts = 8  
 Carrier Break = 2.73 & Down, 2.87 & Up

## Torque Specifications:

Ring Gear Bolts = 75-85 ft. lbs.  
 Main Caps = 85 ft. lbs.  
 Inspection Cover = 25 ft. lbs.  
 Pinion Bearing Preload = 20-25 in. lbs.  
 Pinion Nut = Varies upon pinion bearing preload

## Ring & Pinions

Part Number	Gear Ratio	Mfg./Brand	Tooth Count
AMC20-3.08	3.08	Liberty Gear & Axle®	40/13
AMC20-3.31	3.31	Liberty Gear & Axle®	43/13
AMC20-3.54	3.54	Liberty Gear & Axle®	39/11
AMC20-3.73	3.73	Liberty Gear & Axle®	41/11
AMC20-4.10	4.10	Liberty Gear & Axle®	41/10
AMC20-4.56	4.56	Liberty Gear & Axle®	41/9
AMC20-4.88	4.88	Liberty Gear & Axle®	39/8

## Installation & Bearing Kits

Part Number	Description
AMC20-BK	Bearing Kit
AMC20-MOK	Master Overhaul Kit
AMC20-PIK	Pinion Installation Kit
AMC20-CBK	Carrier Bearing Kit

## Differentials

### Open Non-Posi Differential Cases, Internal Gear Kits and Assemblies

Part Number	Description
AMC20-IGK	Open Internal Gear Kit 29 Spline

### Eaton/Detroit Differentials

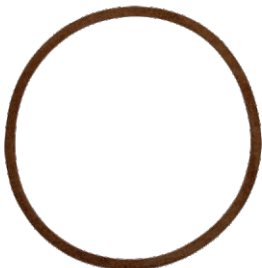
Part Number	Description
187SL163A	Detroit Locker 2.73 & Dn 29 Spline
187SL47A	Detroit Locker 2.87 & Up 29 Spline
912A549	Detroit Truetrac I.F.S. 2.73 & Down 29 Spline
912A573	Detroit Truetrac Rear 2.73 & Down 29 Spline
912A579	Detroit Truetrac Rear 2.87 & Up 29 Spline

### Auburn Gear Differentials

Part Number	Description
542081	Auburn Pro Series 2.87 & Up 29 Spline

### Richmond / Powertrax Differentials

Part Number	Description
1710	Powertrax Lock-Right Fits 29 Spline Open Carrier
92-0120-2900	Powertrax No-Slip Fits 29 Spline Open Carrier



# AMC 20 / 8.875" Cont.

## Misc. Components

### Covers

Part Number	Description
AMC20-COV-HD	Heavy Duty Rear Girdle Cover

## Axle Shafts

Part Number	Description
AMC20-RAK-CJE	Liberty Gear & Axle® "Early CJ" One Piece Axle Kit (Fits '76-'83 CJ5 and '76-'81 CJ7.)
AMC20-RAK-CJL	Liberty Gear & Axle® "Late CJ" One Piece Axle Kit (Fits '76-'83 CJ5 and '76-'81 CJ7.)

