

GM 7.25" REV

Specifications:

Ring Gear Diameter = 7.25"
 Pinion Shaft Diameter = 1.315"
 Axle Splines = 26
 Pinion Splines = 27
 Cover Bolts = N/A, 3rd Member Style
 Ring Gear Bolts = 10
 Carrier Break = 3.08 & Down, 3.23 & Up

Torque Specifications:

Ring Gear Bolts = 80 ft. lbs.
 Main Caps = 55-60 ft. lbs.
 Inspection Cover = N/A, 3rd Member Style
 Pinion Bearing Preload = 20-25 in. lbs.
 Pinion Nut = Varies upon pinion bearing preload

Ring & Pinions

| Part Number | Gear Ratio | Mfg./Brand | Tooth Count |
|----------------|------------|----------------------|-------------|
| GM7.25REV-3.08 | 3.08 | Liberty Gear & Axle® | 40/13 |
| GM7.25REV-3.42 | 3.42 | Liberty Gear & Axle® | 41/12 |
| GM7.25REV-3.73 | 3.73 | Liberty Gear & Axle® | 41/11 |
| GM7.25REV-4.11 | 4.11 | Liberty Gear & Axle® | 37/9 |
| GM7.25REV-4.56 | 4.56 | Liberty Gear & Axle® | 41/9 |



Installation & Bearing Kits

| Part Number | Description |
|---------------|--------------------------|
| GM7.25REV-BK | Bearing Installation Kit |
| GM7.25REV-CBK | Carrier Bearing Kit |
| GM7.25REV-MOK | Master Overhaul Kit |
| GM7.25REV-PIK | Pinion Installation Kit |

Differentials

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

| Part Number | Description |
|----------------|------------------------------------------|
| GM7.25REV-EC-L | Empty Open Differential Case 3.08 & Down |
| GM7.25REV-EC-H | Empty Open Differential Case 3.23 & Up |
| GM7.25REV-IGK | Open Internal Gear Kit 26 Spline |

Richmond / Powertrax Differentials

| Part Number | Description |
|-------------|-------------------------------------------------|
| 1935-LR | Powertrax Lock-Right Fits Into Spline Open Case |

Specifications:

Ring Gear Diameter = 7.5"
 Pinion Shaft Diameter = 1.438"
 Axle Splines = 26, 28
 Pinion Splines = 27
 Cover Bolts = 10
 Ring Gear Bolts = 10
 Carrier Break = 3.08 & Dn, 3.23 & Up.

Torque Specifications:

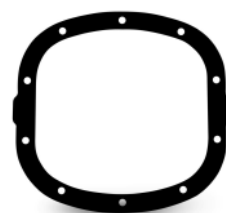
Ring Gear Bolts = 70 ft. lbs.
 Main Caps = 55-60 ft. lbs.
 Inspection Cover = 15-20 ft. lbs.
 Pinion Bearing Preload = 18-25 in. lbs.
 Pinion Nut = Varies upon pinion bearing preload

Ring & Pinions

| Part Number | Gear Ratio | Mfg./Brand | Tooth Count |
|------------------|------------|----------------------|-------------|
| GM7.5-2.73 | 2.73 | Liberty Gear & Axle® | 41/15 |
| GM7.5-3.08 | 3.08 | Liberty Gear & Axle® | 40/13 |
| GM7.5-3.23 | 3.23 | Liberty Gear & Axle® | 42/13 |
| GM7.5-3.23-OE | 3.23 | O.E.M. | 42/13 |
| **GM7.5-3.23X-RG | 3.23 | Richmond Gear | 42/13 |
| GM7.5-3.42 | 3.42 | Liberty Gear & Axle® | 41/12 |
| GM7.5-3.42OE | 3.42 | Liberty Gear & Axle® | 41/12 |
| **GM7.5-3.42X | 3.42 | Liberty Gear & Axle® | 41/12 |
| GM7.5-3.73 | 3.73 | Liberty Gear & Axle® | 41/11 |
| GM7.5-3.73-OE | 3.73 | O.E.M. | 41/11 |
| **GM7.5-3.73X | 3.73 | Liberty Gear & Axle® | 41/11 |
| GM7.5-3.90 | 3.90 | Liberty Gear & Axle® | 39/10 |
| GM7.5-4.10 | 4.10 | Liberty Gear & Axle® | 41/10 |
| GM7.5-4.10-OE | 4.10 | O.E.M. | 41/10 |
| **GM7.5-4.10X | 4.10 | Liberty Gear & Axle® | 41/10 |
| GM7.5-4.30 | 4.30 | Liberty Gear & Axle® | 43/10 |
| *GM7.5-4.56 | 4.56 | Liberty Gear & Axle® | 41/9 |
| *GM7.5-4.56-OE | 4.56 | O.E.M. | 41/9 |
| **GM7.5-4.56X | 4.56 | Liberty Gear & Axle® | 41/9 |

*When using 4.56 gear ratios in a c-clip application, modification of cross shaft and/or ring gear teeth required.
 Diagram available per request.

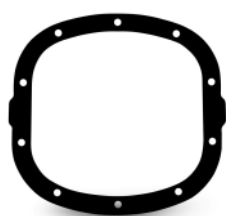
**Thick gear for use with 2.73 and numerically lower carrier.



Installation & Bearing Kits

| Part Number | Description |
|-------------|----------------------------------------|
| CBK-1 | Carrier Bearing Kit |
| CSA-1 | Adjustable Carrier Shim Kit |
| GM7.5-BK-E | Bearing Kit '81 – Older |
| GM7.5-BK-L | Bearing Kit '82 – 98 ½ |
| GM7.5-CIK | Carrier Installation Kit 7.5" / 7.625" |
| GM7.5-MOK-E | Master Overhaul Kit '81 – older |
| GM7.5-MOK-L | Master Overhaul Kit '82 – 98 ½ |
| GM7.5-PIK-E | Pinion Installation Kit '81 – Older |
| GM7.5-PIK-L | Pinion Installation Kit '82 – 98 ½ |
| GM7.6-BK | Bearing Kit '98 ½ – Newer |

GM 7.5 / 7.625" Cont.



Installation & Bearing Kits Cont.

| Part Number | Description |
|-------------|---------------------------------------|
| GM7.6-MOK | Master Overhaul Kit '98 ½ - Newer |
| GM7.6-PIK | Pinion Installation Kit '98 ½ - Newer |
| ABK-1 | Axle Bearing Kit 1.40" |

Differentials

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

| Part Number | Description |
|---------------|------------------------------------------------------------------|
| GM7.5-EC-H | Empty Open Differential Case 3.23 & Up 26 Spline Equal Windows |
| GM7.5-IGK-26E | Open Internal Gear Kit 26 Spline Fits Equal Window Case |
| GM7.6-EC-H | Empty Open Differential Case 3.23 & Up 28 Spline Unequal Windows |
| GM7.6-EC-L | Empty Open Differential Case 3.08 & Dn 28 Spline Unequal Windows |
| GM7.6-IGK-28 | Open Internal Gear Kit 28 Spline Fits Unequal Window Case |
| GM7.6-LC-28-H | Loaded Open Carrier 3.23 & Up 28 Spline |

Eaton / Detroit Differentials

| Part Number | Description |
|-------------|--------------------------------------|
| 162C58A | Detroit C-Locker 3.23 & Up 26 Spline |
| 162C59A | Detroit C-Locker 3.23 & Up 28 Spline |
| 19599-010 | Eaton Posi 3.23 & Up 28 Spline |
| 19663-010 | Eaton Posi 3.23 & Up 26 Spline |
| 912A317 | Detroit Truetrac 3.23 & Up 28 Spline |
| 911A319 | Detroit Truetrac 3.23 & Up 26 Spline |
| 911A415 | Detroit Truetrac 3.08 & Dn 26 Spline |

Auburn Gear Differentials

| Part Number | Description |
|-------------|-------------------------------------------------|
| 542040 | Auburn High Perf. 3.23 & Up Ratios 28 Spline |
| 542041 | Auburn High Perf. Series, 28 Splines, 3.08 & Dn |
| 542044 | Auburn Pro Series, 26 Splines, 3.23 & Up |
| 542045 | Auburn Pro Series, 26 Splines, 3.08 & Dn |
| 542046 | Auburn Pro Series, 28 Splines, 3.23 & Up |
| 542047 | Auburn Pro Series, 28 Splines, 3.08 & Dn |
| 542057 | Auburn High Perf. Series, 26 Splines, 3.23 & Up |
| 542058 | Auburn High Perf. Series, 26 Splines, 3.08 & Dn |
| 542088 | Auburn Road Race Series, 28 Splines, 3.23 & Up |

Richmond / Powertrax Differentials

| Part Number | Description |
|--------------|-----------------------------------------------------------|
| 1930-LR | Powertrax Lock-Right Fits Into 7.5" 26 Spline Open Case |
| 92-0775-2605 | Powertrax No-Slip Fits Into 7.5" 26 Spline Open Case |
| 1932-LR | Powertrax Lock-Right Fits Into 7.625" 26 Spline Open Case |
| 92-0776-2605 | Powertrax Lock-Right Fits Into 7.625" 26 Spline Open Case |
| 1931-LR | Powertrax Lock-Right Fits Into 7.625" 28 Spline Open Case |
| 92-0776-2805 | Powertrax No-Slip Fits Into 7.625" 28 Spline Open Case |

GM 7.5 / 7.625" Cont.

Differentials Cont.

Misc. Differentials

| Part Number | Description |
|---------------|--------------------------------------------------------|
| GM7.5-MS-26 | Mini-Spool 7.5" Fits Open Case 26 Spline |
| GM7.6-GL-28-H | O.E.M. Gov-Lock Style Limited Slip 3.23 & Up 28 Spline |
| GM7.6-GL-28-L | O.E.M. Gov-Lock Style Limited Slip 3.08 & Dn 28 Spline |

Misc. Components

Covers

| Part Number | Description |
|--------------|------------------------------|
| GM7.5-COV-EC | Extra Capacity Cover |
| GM7.5-COV-US | Heavy Duty Rear Girdle Cover |

End Yokes

| Part Number | Description |
|--------------|------------------------------|
| GM7.5-COV-EC | Extra Capacity Cover |
| GM7.5-COV-US | Heavy Duty Rear Girdle Cover |

GM 8.0" Chevrolet

Specifications:

Ring Gear Diameter = 8.00"
 Pinion Shaft Diameter = 1.625"
 Axle Splines = 28
 Pinion Splines = 30
 Cover Bolts = 10
 Ring Gear Bolts = 10
 Carrier Break = None

Torque Specifications:

Ring Gear Bolts = 70 ft. lbs.
 Main Caps = 55-60 ft. lbs.
 Inspection Cover = 12-20 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 |
|-------------|------------|----------------------|-------------|
| GM8.0-3.42 | 3.08 | Liberty Gear & Axle® | 41/12 |
| GM8.0-3.73 | 3.08 | Liberty Gear & Axle® | 41/11 |
| GM8.0-4.10 | 3.36 | Liberty Gear & Axle® | 41/10 |

Installation & Bearing Kits

| Part Number | Description |
|-------------|-----------------------------|
| GM8.0-BK | Bearing Kit |
| GM8.0-MOK | Master Overhaul Kit |
| GM8.0-PIK | Pinion Installation Kit |
| CBK-2 | Carrier Bearing Kit |
| CSA2 | Adjustable Carrier Shim Kit |

Differentials

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

| Part Number | Description |
|-------------|----------------------------------------------------|
| GM8.0-EC | Empty Open Differential Case |
| GM8.0-LC | Loaded Open Differential Case All Ratios 28 Spline |
| GM8.0-IGK | Open Internal Gear Kit 28 Spline |

Specifications:

Ring Gear Diameter = 8.25"
 Pinion Shaft Diameter = 1.438"
 Axle Splines = 28
 Pinion Splines = 27
 Cover Bolts = 10
 Ring Gear Bolts = 10
 Carrier Break = 2.79 & Dn, 2.87-3.23, 3.36 & Up

Torque Specifications:

Ring Gear Bolts = 80 ft. lbs.
 Main Caps = 55-60 ft. lbs.
 Inspection Cover = 20 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 |
|------------------|------------|----------------------|-------------|
| GM8.2BOP-3.55 | 3.55 | Liberty Gear & Axle® | 39/11 |
| GM8.2BOP-3.55-RG | 3.55 | Richmond Gear | 39/11 |
| GM8.2BOP-3.73 | 3.73 | Liberty Gear & Axle® | 41/11 |
| GM8.2BOP-3.90 | 3.90 | Liberty Gear & Axle® | 39/10 |
| GM8.2BOP-3.90-RG | 3.90 | Richmond Gear | 39/10 |
| GM8.2BOP-4.11 | 4.11 | Liberty Gear & Axle® | 37/9 |
| GM8.2BOP-4.11-RG | 4.11 | Richmond Gear | 37/9 |
| GM8.2BOP-4.56-RG | 4.56 | Richmond Gear | 41/9 |



Installation & Bearing Kits

| Part Number | Description |
|--------------|-------------------------|
| GM8.2BOP-BK | Bearing Kit |
| GM8.2BOP-MOK | Master Overhaul Kit |
| GM8.2BOP-PIK | Pinion Installation Kit |
| CBK-1 | Carrier Bearing Kit |



Differentials

Eaton / Detroit Differentials

| Part Number | Description |
|-------------|--------------------------------|
| 519674-010 | Eaton Posi 3.36 & Up 28 Spline |

Auburn Gear Differentials

| Part Number | Description |
|-------------|----------------------------------------------|
| 5420113 | Auburn High Perf. Series 3.36 & Up 28 Spline |
| 5420114 | Auburn High Perf. Series 2.87-3.23 28 Spline |
| 542060 | Auburn Pro Series 3.36 & Up 28 Spline |
| 542099 | Auburn Pro Series 2.87-3.23 28 Spline |

Richmond / Powertrax Differentials

| Part Number | Description |
|--------------|-------------------------------------------------|
| 92-0782-2801 | Powertrax No-Slip Fits Into 28 Spline Open Case |

GM 8.2" BOP Cont.

| Misc. Components | |
|------------------|-----------------------------------------|
| Covers | |
| Part Number | Description |
| GM8.2BOP-COV-EC | Extra Capacity Cover |
| GM8.2BOP-COV-US | Heavy Duty Rear Girdle Cover |
| End Yokes | |
| Part Number | Description |
| GM8.2BOP-EY1330L | End Yoke 1330L Billet Moly U-Bolt Style |

GM 8.2" Chevrolet

Specifications:

Ring Gear = 8.25"
Pinion Shaft Diameter = 1.438"
Axle Splines = 28
Pinion Splines = 25
Cover Bolts = 10
Ring Gear Bolts = 10
Carrier Break = 2.73 & Dn, 3.08 & Up

Torque Specifications:

Ring Gear Bolts = 55-60 ft. lbs.
Main Caps = 55 ft. lbs.
Inspection Cover = 15-20 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 |
|-----------------|------------|----------------------|-------------|
| GM8.2C-3.08 | 3.08 | Liberty Gear & Axle® | 40/13 |
| GM8.2C-3.08-RG | 3.08 | Richmond Gear | 40/13 |
| GM8.2C-3.36 | 3.36 | Liberty Gear & Axle® | 37/11 |
| GM8.2C-3.36-RG | 3.36 | Richmond Gear | 37/11 |
| GM8.2C-3.55 | 3.55 | Liberty Gear & Axle® | 39/11 |
| GM8.2C-3.55-RG | 3.55 | Richmond Gear | 39/11 |
| GM8.2C-3.73 | 3.73 | Liberty Gear & Axle® | 41/11 |
| GM8.2C-3.73-RG | 3.73 | Richmond Gear | 41/11 |
| GM8.2C-3.90 | 3.90 | Liberty Gear & Axle® | 39/10 |
| GM8.2C-4.11 | 4.11 | Liberty Gear & Axle® | 37/9 |
| GM8.2C-4.11-RG | 4.11 | Richmond Gear | 37/9 |
| *GM8.2C-4.56 | 4.56 | Liberty Gear & Axle® | 41/9 |
| *GM8.2C-4.56-RG | 4.56 | Richmond Gear | 41/9 |
| *GM8.2C-4.88-RG | 4.88 | Richmond Gear | 39/8 |
| *GM8.2C-5.13 | 5.13 | Richmond Gear | 41/8 |

*When using 4.56 gear ratios in a c-clip application, modification of cross shaft and/or ring gear teeth required. See page (insert page number here) for details.



Installation & Bearing Kits

| Part Number | Description |
|-------------|-----------------------------|
| GM8.2C-BK | Bearing Kit |
| GM8.2C-MOK | Master Overhaul Kit |
| GM8.2C-PIK | Pinion Installation Kit |
| ABK-1 | Axle Bearing Kit |
| CBK-1 | Carrier Bearing Kit |
| CSA1 | Adjustable Carrier Shim Kit |



Differentials

Eaton / Detroit Differentials

| Part Number | Description |
|-------------|--------------------------------|
| 19603-010 | Eaton Posi 3.08 & Up 28 Spline |

Auburn Gear Differentials

| Part Number | Description |
|-------------|----------------------------------------------|
| 5420108 | Auburn High Perf. Series 3.08 & Up 28 Spline |
| 542061 | Auburn Pro Series 3.08 & Up 28 Spline |

GM 8.2" Chevrolet Cont.

Differentials Cont.

Richmond / Powertrax Differentials

| Part Number | Description |
|--------------|----------------------------------------------------|
| 1940-LR | Powertrax Lock-Right Fits Into 28 Spline Open Case |
| 92-0782-2805 | Powertrax No-Slip Fits Into 28 Spline Open Case |

Misc. Components

Covers

| Part Number | Description |
|---------------|------------------------------|
| GM8.2C-COV-EC | Extra Capacity Cover |
| GM8.2C-COV-HD | Heavy Duty Rear Girdle Cover |

End Yokes

| Part Number | Description |
|----------------|----------------------------------------|
| GM8.2C-EY-1310 | End Yoke 1310 Series Cast U-bolt Style |

Rear Axle Kits

Covers

| Part Number | Description |
|--------------|-------------------------------------|
| GM8.2C-RAK-E | Axle Shaft Kit, 29 1/2", 28 Spline |
| GM8.2C-RAK-L | Axle Shaft Kit, 30 1/16", 28 Spline |

GM 8.2" 3rd Member

Specifications:

Ring Gear Diameter = 8.2"
 Pinion Shaft Diameter = 1.438"
 Axle Splines = 17
 Pinion Splines = 17
 Cover Bolts = N/A, 3rd Member Style
 Ring Gear Bolts = 10
 Carrier Break = 3.73 & Dn 4.10 & Up

Torque Specifications:

Ring Gear Bolts = 70 ft. lbs.
 Main Caps = 90 ft. lbs.
 Inspection Cover = 15-20 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 |
|----------------|------------|----------------------|-------------|
| GM8.2P-3.55 | 3.55 | Liberty Gear & Axle® | 39-11 |
| GM8.2P-3.55-RG | 3.55 | Richmond Gear | 39-11 |
| GM8.2P-3.70 | 3.70 | Liberty Gear & Axle® | 37-10 |
| GM8.2P-3.73 | 3.73 | Liberty Gear & Axle® | 41-11 |
| GM8.2P-3.73-RG | 3.73 | Richmond Gear | 41-11 |
| *GM8.2P-4.11X | 4.11 | Liberty Gear & Axle® | 37-9 |
| GM8.2P-4.11-RG | 4.11 | Liberty Gear & Axle® | 37-9 |
| GM8.2P-4.56-RG | 4.56 | Richmond Gear | 41-9 |

*Extra Thick Ring Gear. Fits 3.73 & Numerically Lower Carrier



Installation & Bearing Kits

| Part Number | Description |
|-------------|-------------------------|
| GM8.2P-BK | Bearing Kit |
| GM8.2P-MOK | Master Overhaul Kit |
| GM8.2P-PIK | Pinion Installation Kit |
| GM8.2P-CBK | Carrier Bearing Kit |



Differentials

Eaton / Detroit Differentials

| Part Number | Description |
|-------------|----------------------------------|
| 19686-010 | Eaton Posi 3.73 & Down 17 Spline |

Auburn Gear Differentials

| Part Number | Description |
|-------------|-----------------------------------------|
| 5420100 | Auburn Pro Series 3.73 & Down 17 Spline |

Misc. Components

End Yokes

| Part Number | Description |
|----------------|---------------------------------|
| GM8.2P-EY-1310 | End Yoke 1310 Series Cast Style |

GM 8.25" IFS

Specifications:

Ring Gear Diameter = 8.25"
 Pinion Shaft Diameter = 1.625"
 Axle Splines = 28
 Pinion Splines = 30
 Cover Bolts = N/A, 3rd Member Style
 Ring Gear Bolts = 10
 Carrier Break = 3.08 & Dn 3.23 & Up

Torque Specifications:

Ring Gear Bolts = 45-55 ft. lbs.
 Main Caps = 45-55 ft. lbs.
 Inspection Cover = N/A, 3rd Member Style
 Pinion Bearing Preload = 20-25 in. lbs.
 Pinion Nut = Varies upon pinion bearing preload



Ring & Pinions

| Part Number | Gear Ratio | Mfg./Brand | Tooth Count |
|-------------------|------------|----------------------|-------------|
| GM8.25REV-3.42 | 3.42 | Liberty Gear & Axle® | 41/12 |
| GM8.25REV-3.42-OE | 3.42 | O.E.M. | 41/12 |
| GM8.25REV-3.73 | 3.73 | Liberty Gear & Axle® | 41/11 |
| GM8.25REV-3.73-OE | 3.73 | O.E.M. | 41/11 |
| GM8.25REV-4.10 | 4.10 | Liberty Gear & Axle® | 41/10 |
| GM8.25REV-4.10-OE | 4.10 | O.E.M. | 41/10 |
| GM8.25REV-4.30 | 4.30 | Liberty Gear & Axle® | 43/10 |
| GM8.25REV-4.56 | 4.56 | Liberty Gear & Axle® | 41/9 |

Installation & Bearing Kits

| Part Number | Description |
|---------------|-------------------------|
| GM8.25REV-BK | Bearing Kit |
| GM8.25REV-MOK | Master Overhaul Kit |
| GM8.25REV-PIK | Pinion Installation Kit |
| CBK-1 | Carrier Bearing Kit |

Differentials

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

| Part Number | Description |
|---------------|----------------------------------------|
| GM8.25REV-EC | Empty Open Differential Case 3.23 & Up |
| GM8.25REV-IGK | Open Internal Gear Kit 28 Spline |

Specifications:

Ring Gear Diameter = 8.5, 8.6"
 Pinion Shaft Diameter = 1.625"
 Axle Splines = 28, 30
 Pinion Splines = 30
 Cover Bolts = 10
 Ring Gear Bolts = 10
 Carrier Break = 2.56 & Dn, 2.73 & Up

Torque Specifications:

Ring Gear Bolts = 70 ft. lbs.
 Main Caps = 55-60 ft. lbs.
 Inspection Cover = 20 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 |
|---------------|------------|----------------------|-------------|
| GM8.5-2.73 | 2.73 | Liberty Gear & Axle® | 45/11 |
| GM8.5-3.08 | 3.08 | Liberty Gear & Axle® | 41/12 |
| GM8.5-3.08-OE | 3.08 | O.E.M. | 41/11 |
| GM8.5-3.23-OE | 3.23 | O.E.M. | 41/11 |
| GM8.5-3.42 | 3.42 | Liberty Gear & Axle® | 41/12 |
| GM8.5-3.42-OE | 3.42 | O.E.M. | 41/12 |
| GM8.5-3.73 | 3.73 | Liberty Gear & Axle® | 41/11 |
| GM8.5-3.73-OE | 3.73 | O.E.M. | 41/11 |
| GM8.5-3.90 | 3.90 | Liberty Gear & Axle® | 39/10 |
| GM8.5-4.10 | 4.10 | Liberty Gear & Axle® | 41/10 |
| GM8.5-4.10-OE | 4.10 | O.E.M. | 41/10 |
| GM8.5-4.30 | 4.30 | Liberty Gear & Axle® | 43/10 |
| GM8.5-4.56 | 4.56 | Liberty Gear & Axle® | 41/9 |
| GM8.5-4.56-OE | 4.56 | O.E.M. | 41/9 |
| GM8.5-4.88 | 4.88 | Liberty Gear & Axle® | 39/8 |
| GM8.5-5.13 | 5.13 | Liberty Gear & Axle® | 41/8 |
| GM8.5-5.38 | 5.38 | Liberty Gear & Axle® | 43/8 |
| GM8.5-5.57 | 5.57 | Liberty Gear & Axle® | 39/7 |



Installation & Bearing Kits

| Part Number | Description |
|--------------|-----------------------------------------------------|
| GM8.5-BK | Bearing Kit |
| GM8.5-BK-F | Bearing Kit Front Axle |
| GM8.5-BK-LH | Bearing Kit For Large Differential Hub |
| GM8.5-PIK | Pinion Installation Kit |
| GM8.5-PIK-F | Pinion Installation Kit Front Axle |
| GM8.5-MOK | Master Overhaul Kit |
| GM8.5-MOK-F | Master Overhaul Kit Front Axle |
| GM8.5-MOK-LH | Master Overhaul Kit For Large Differential Hub |
| GM8.5-CBK | Carrier Bearing Kit |
| GM8.5-CBK-LH | Carrier Bearing Kit For Large Differential Hub |
| GM8.5-CIK | Carrier Installation Kit |
| GM8.5-CIK-LH | Carrier Installation Kit For Large Differential Hub |
| GM8.6-BK | Bearing Kit 99 & Up |
| GM8.6-CIK | Carrier Installation Kit For 99 & Up |



Installation & Bearing Kits Cont.

| Part Number | Description |
|-------------|---------------------------------------|
| GM8.6-MOK | Master Overhaul Kit For 1999 & Up |
| GM8.6-PIK | Pinion Installation Kit For 1999 & Up |

Differentials

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

| Part Number | Description |
|---------------|---------------------------------------------------|
| GM8.5-EC | Empty Open Differential Case For 28,30 Spline IGK |
| GM8.5-IGK-28 | Open Internal Gear Kit 28 Spline |
| GM8.5-IGK-30 | Open Internal Gear Kit 30 Spline |
| GM8.5-LC-28 | Loaded Open Case Assembly 28 Spline |
| GM8.5-LC-30 | Loaded Open Case Assembly 30 Spline |
| GM8.6-LC-99UP | Loaded Open Case Assembly 1999 & Up 30 Spline |
| GM8.6-IGK-30E | Open Internal Gear Kit 1999-Mid 2000 30 Spline |
| GM8.6-IGK-30L | Open Internal Gear Kit Mid 2000-08 30 Spline |

Eaton / Detroit Differentials

| Part Number | Description |
|-------------|--------------------------------------|
| 19557-010 | Eaton Posi 2.73 & Up 28 Spline |
| 19559-010 | Eaton Posi 2.73 & Up 30 Spline |
| 912A556 | Detroit Truetrac 2.73 & Up 28 Spline |
| 913A481 | Detroit Truetrac 2.73 & Up 30 Spline |
| 187C149A | Detroit C-locker 2.73 & Up 28 Spline |
| 187C148A | Detroit C-locker 2.73 & Up 30 Spline |
| 19569-010 | Eaton ELocker 2.73 & Up 30 Spline |

Auburn Gear Differentials

| Part Number | Description |
|-------------|---------------------------------------------------------------------|
| 542018 | Auburn High Performance Series 2.73 & Up Ratios 28 Spline |
| 542022 | Auburn High Performance Series 2.73 & Up Ratios 30 Spline |
| 542097 | Auburn High Performance Series 2.73 & Up Ratios 30 Spline Large Hub |
| 542050 | Auburn Pro Series 2.73 & Up 28 Spline Large Hub |
| 542052 | Auburn Pro Series 2.73 & Up 30 Spline Large Hub |
| 545003 | Auburn ECTED 2.73 & Up 28 Spline Large Hub |
| 545004 | Auburn ECTED 2.73 & Up 30 Spline Large Hub |

Richmond / Powertrax Differentials

| Part Number | Description |
|--------------|-------------------------------------------------------------------|
| 1920-LR | Powertrax Lock-Right Fits Into 28 Spline Open Case |
| 1921-LR | Powertrax Lock-Right Fits Into 30 Spline Open Case |
| 92-0785-2805 | Power No-Slip Locker Fits Into 28 Spline Open Case |
| 92-0785-3005 | Power No-Slip Locker Fits Into 30 Spline Open Case |
| 92-0786-3005 | Power No-Slip Locker Fits Into 30 Spline Open 8.6" Case Large Hub |

| Misc. Components | |
|------------------|---------------------------------------|
| Covers | |
| Part Number | Description |
| GM8.5-COV-EC | Extra Capacity Cover |
| GM8.5-COV-HD | Heavy Duty Rear Girdle Cover |
| End Yokes | |
| Part Number | Description |
| GM8.5-EY-1310 | End Yoke 1350 Series Cast Strap Style |
| GM8.5-EY-3R | End Yoke 3R Series Cast Strap Style |
| GM8.5-EY-1350 | End Yoke 1350 Series Cast Strap Style |

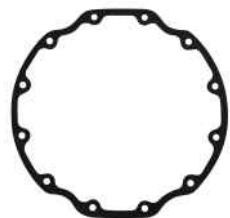
GM 8.5" Olds

Specifications:

Ring Gear Diameter = 8.5"
 Pinion Shaft Diameter = 1.626"
 Axle Splines = 28
 Pinion Splines = 27
 Cover Bolts = 12
 Ring Gear Bolts = 10
 Carrier Break = 2.73 & Dn, 2.93-3.23, 3.42 & Up

Torque Specifications:

Ring Gear Bolts = 80 ft. lbs.
 Main Caps = 55-60 ft. lbs.
 Inspection Cover = 20 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 |
|----------------|------------|----------------------|-------------|
| GM8.5OLDS-3.42 | 3.42 | Liberty Gear & Axle® | 41/12 |
| GM8.5OLDS-3.90 | 3.90 | Liberty Gear & Axle® | 39/10 |
| GM8.5OLDS-4.10 | 4.10 | Liberty Gear & Axle® | 41/10 |

Installation & Bearing Kits

| Part Number | Description |
|---------------|-------------------------|
| GM8.5OLDS-BK | Bearing Kit |
| GM8.5OLDS-MOK | Master Overhaul Kit |
| GM8.5OLDS-PIK | Pinion Installation Kit |

Differentials

Power Train Differentials

| Part Number | Description |
|--------------|----------------------------------------------------------|
| GM8.5OLDS-LS | Power Train Posi 2.93-3.23 & All Liberty Gears 28 Spline |

Specifications:

Ring Gear Diameter = 8.50"
 Pinion Shaft Diameter = 1.625"
 Axle Splines = 17
 Pinion Splines = 30
 Cover Bolts = N/A, 3rd Member Style
 Ring Gear Bolts = 10
 Carrier Break = 3.90 & Down, 4.11 & Up

Torque Specifications:

Ring Gear Bolts = 55-60 ft. lbs.
 Main Caps = 55-60 ft. lbs.
 Inspection Cover = N/A
 Pinion Bearing Preload = 20-25 in. lbs.
 Pinion Nut = Varies upon pinion bearing preload

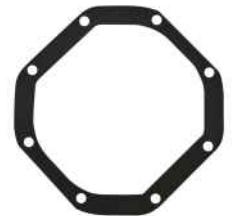
Ring & Pinions

| Part Number | Gear Ratio | Mfg./Brand | Tooth Count |
|------------------|------------|----------------------|-------------|
| GM8.5VET-3.08-RG | 3.08 | Richmond Gear | 40/13 |
| GM8.5VET-3.36 | 3.36 | Liberty Gear & Axle® | 37/11 |
| GM8.5VET-3.36-RG | 3.36 | Richmond Gear | 37/11 |
| GM8.5VET-3.55 | 3.55 | Liberty Gear & Axle® | 39/11 |
| GM8.5VET-3.55-RG | 3.55 | Richmond Gear | 39/11 |
| GM8.5VET-3.70 | 3.70 | Liberty Gear & Axle® | 37/10 |
| GM8.5VET-3.70-RG | 3.70 | Richmond Gear | 37-10 |
| GM8.5VET-3.90-RG | 3.90 | Richmond Gear | 39/10 |
| GM8.5VET-4.11-RG | 4.11 | Richmond Gear | 37/9 |



Installation & Bearing Kits

| Part Number | Description |
|--------------|-------------------------|
| GM8.5VET-BK | Bearing Kit |
| GM8.5VET-MOK | Master Overhaul Kit |
| GM8.5VET-PIK | Pinion Installation Kit |
| CBK-2 | Carrier Bearing Kit |



Differentials

Eaton / Detroit Differentials

| Part Number | Description |
|-------------|----------------------------------|
| 19670-010 | Eaton Posi 3.90 & Down 17 Spline |
| 19673-010 | Eaton Posi 4.11 & Up 17 Spline |

Auburn Gear Differentials

| Part Number | Description |
|-------------|-----------------------------------------|
| 542062 | Auburn Pro Series 3.90 & Down 17 Spline |
| 542063 | Auburn Pro Series 4.11 & Up 17 Spline |

GM 8.875" Car

Specifications:

Ring Gear Diameter = 8.875"
 Pinion Shaft Diameter = 1.625"
 Axle Splines = 30
 Pinion Splines = 30
 Cover Bolts = 12
 Ring Gear Bolts = 12
 Carrier Break = 2.73 & Dn, 3.07-3.73, 3.90 & Up

Torque Specifications:

Ring Gear Bolts = 45-55 ft. lbs.
 Main Caps = 55-60 ft. lbs.
 Inspection Cover = 15-20 ft. lbs.
 Pinion Bearing Preload = 15-25 in. lbs.
 Pinion Nut = Varies upon pinion bearing preload



Ring & Pinions

| Part Number | Gear Ratio | Mfg./Brand | Tooth Count |
|-------------------|------------|----------------------|-------------|
| GM12BC-3.08 | 3.08 | Liberty Gear & Axle® | 40/13 |
| GM12BC-3.08-RG | 3.08 | Richmond | 40/13 |
| GM12BC-3.42 | 3.42 | Liberty Gear & Axle® | 41/12 |
| GM12BC-3.42-RG | 3.42 | Richmond | 41/12 |
| GM12BC-3.55 | 3.55 | Liberty Gear & Axle® | 39/11 |
| GM12BC-3.55-RG | 3.55 | Richmond | 39/11 |
| GM12BC-3.73 | 3.73 | Liberty Gear & Axle® | 41/11 |
| GM12BC-3.73-RG | 3.73 | Richmond | 41/11 |
| GM12BC-3.73-4S | 3.73 | Liberty Gear & Axle® | 41/11 |
| GM12BC-3.73-4S-RG | 3.73 | Richmond | 41/11 |
| GM12BC-3.90-3S | 3.90 | Liberty Gear & Axle® | 39/10 |
| GM12BC-3.90-3S-RG | 3.90 | Richmond | 39/10 |
| GM12BC-4.10 | 4.56 | Liberty Gear & Axle® | 41/9 |
| GM12BC-4.10-RG | 4.56 | OEM | 41/9 |
| GM12BC-4.10X | 4.88 | Liberty Gear & Axle® | 39/8 |
| GM12BC-4.10X-RG | 5.13 | Liberty Gear & Axle® | 41/8 |
| GM12BC-4.33 | 5.38 | Liberty Gear & Axle® | 43/8 |
| GM12BC-4.33-RG | 5.57 | Liberty Gear & Axle® | 39/7 |
| GM12BC-4.56 | 4.56 | Liberty Gear & Axle® | 41/9 |
| GM12BC-4.56-RG | 4.56 | Liberty Gear & Axle® | 41/9 |
| GM12BC-4.56X | 4.56 | Liberty Gear & Axle® | 41/9 |
| GM12BC-4.56X-RG | 4.56 | Richmond | 41/9 |
| GM12BC-4.88 | 4.88 | Liberty Gear & Axle® | 39/8 |
| GM12BC-4.88-RG | 4.88 | Richmond | 39/8 |
| GM12BC-4.88X-RG | 4.88 | Richmond | 39/8 |
| *GM12BC-5.14 | 5.14 | Liberty Gear & Axle® | 36/7 |
| *GM12BC-5.14-RG | 5.14 | Richmond | 36/7 |
| *GM12BC-5.38-RG | 5.38 | Richmond | 43/8 |
| *GM12BC-5.57-RG | 5.57 | Richmond | 39/7 |
| *GM12BC-6.14-RG | 6.14 | Richmond | 43/7 |

*When using 5.13 gear ratios in a c-clip application, modification of cross shaft and/or ring gear teeth required. See page (insert page number here) for details.

GM 8.875" Car Cont.

Pro Ring & Pinions

| Part Number | Gear Ratio | Mfg./Brand | Tooth Count |
|-------------------|------------|----------------------|-------------|
| GM12BCPRO-4.11-RG | 4.11 | Richmond | 37/9 |
| GM12BCPRO-4.33-RG | 4.33 | Richmond | 39/9 |
| GM12BCPRO-4.56 | 4.56 | Liberty Gear & Axle® | 41/9 |
| GM12BCPRO-4.56-RG | 4.56 | Richmond | 41/9 |
| GM12BCPRO-4.88 | 4.88 | Liberty Gear & Axle® | 39/8 |
| GM12BCPRO-4.88-RG | 4.88 | Richmond | 39/8 |
| GM12BCPRO-5.14 | 5.14 | Liberty Gear & Axle® | 36/7 |
| GM12BCPRO-5.14-RG | 5.14 | Richmond | 36/7 |
| GM12BCPRO-5.38 | 5.38 | Liberty Gear & Axle® | 43/8 |
| GM12BCPRO-5.38-RG | 5.38 | Richmond | 43/8 |
| GM12BCPRO-5.57 | 5.57 | Liberty Gear & Axle® | 39/7 |
| GM12BCPRO-5.57-RG | 5.57 | Richmond | 39/7 |
| GM12BCPRO-5.86-RG | 5.86 | Richmond | 41/7 |
| GM12BCPRO-6.00 | 6.00 | Liberty Gear & Axle® | 42/7 |
| GM12BCPRO-6.14-RG | 6.14 | Richmond | 43/7 |



Installation & Bearing Kits

| Part Number | Description |
|-------------|--------------------------|
| GM12BC-BK | Bearing Kit |
| GM12BC-CIK | Mini Installation Kit |
| GM12BC-MOK | Master Overhaul Kit |
| GM12BC-PIK | Pinion Installation Kit |
| CBK-2 | Carrier Bearing Kit |
| GM12BC-CIK | Carrier Installation Kit |
| CSA2 | Adjustable Carrier Shims |

Differentials

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

| Part Number | Description |
|----------------|----------------------------------|
| GM12BC-IGK-P30 | Eaton LS Type Internal Gear Kit |
| GM12BT-IGK | Open Internal Gear Kit 30 Spline |

Eaton / Detroit Differentials

| Part Number | Description |
|-------------|--------------------------------------|
| 187C197A | Detroit C-Locker 3.07-3.73 30 Spline |
| 187C198A | Detroit C-Locker 4.10 & Up 30 Spline |
| 187C196A | Detroit C-Locker 3.07-3.73 35 Spline |
| 913A555 | Detroit Truetrac 3.07-3.73 30 Spline |
| 914A576 | Detroit Truetrac 3.07-3.73 33 Spline |
| 914A575 | Detroit Truetrac 4.10 & Up 33 Spline |
| 19554-010 | Eaton Posi 3.07-3.73 30 Spline |
| 19555-010 | Eaton Posi 4.10 & Up 30 Spline |

GM 8.875" Car Cont.



| Differentials Cont. | |
|------------------------------------|----------------------------------------------------|
| Auburn Gear Differentials | |
| Part Number | Description |
| 5420106 | Auburn High Performance Series 3.07-3.73 30 Spline |
| 5420104 | Auburn High Performance Series 4.10 & Up 30 Spline |
| 542033 | Auburn Pro Series 3.07-3.73 30 Spline |
| 542031 | Auburn Pro Series 4.10 & Up 30 Spline |
| 5420118 | Auburn Pro Series 3.07-3.73 33 Spline |
| 5420117 | Auburn Pro Series 4.10 & Up 33 Spline |
| 545008 | Auburn ECTED 3.07-3.73 30 Spline |
| 545010 | Auburn ECTED 4.10 & Up 30 Spline |
| Richmond / Powertrax Differentials | |
| Part Number | Description |
| 1910-LR | Powertrax Lock-Right Fits Open Case |
| 92-0788-3005 | Powertrax No-Slip Fits Open Case |
| Misc. Differentials | |
| Part Number | Description |
| GM12BC-FS-30 | Full Spool 4.10 & Up, 30 Spline |
| GM12BC-FS-33 | Full Spool 4.10 & Up, 33 Spline |
| GM12BC-FS-35 | Full Spool 4.10 & Up, 35 Spline |
| GM12BC-MS-30 | Mini Spool Fits Open Diff Case |

| Misc. Components | |
|------------------|--------------------------------------|
| Covers | |
| Part Number | Description |
| GM12BC-COV-EC | Extra Capacity Cover |
| GM12BC-COV-HD | Heavy Duty Rear Girdle Cover |
| End Yokes | |
| Part Number | Description |
| GM12BC-EY-1310 | End Yoke 1310 Series Cast Strap Type |
| GM12BC-EY1350 | End Yoke 1350 Series Cast Strap Type |

GM 8.875" Truck

Specifications:

Ring Gear Diameter = 8.875"
 Pinion Shaft Diameter = 1.438"
 Axle Splines = 30
 Pinion Splines = 30
 Cover Bolts = 12
 Ring Gear Bolts = 12
 Carrier Break = 2.73 & Dn, 2.76-3.42, 3.73 & Up

Torque Specifications:

Ring Gear Bolts = 55-60 ft. lbs.
 Main Caps = 55-60 ft. lbs.
 Inspection Cover = 15-20 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 |
|-----------------|------------|----------------------|-------------|
| GM12BT-3.08 | 3.08 | Liberty Gear & Axle® | 40/13 |
| GM12BT-3.42 | 3.42 | Liberty Gear & Axle® | 41/12 |
| GM12BT-3.73 | 3.73 | Liberty Gear & Axle® | 41/11 |
| GM12BT-3.73X | 3.73 | Liberty Gear & Axle® | 41/11 |
| GM12BT-4.10 | 4.10 | Liberty Gear & Axle® | 41/10 |
| GM12BT-4.10X | 4.10 | Liberty Gear & Axle® | 41/10 |
| GM12BT-4.56 | 4.56 | Liberty Gear & Axle® | 41/9 |
| GM12BT-4.56X | 4.56 | Liberty Gear & Axle® | 41/9 |
| GM12BT-4.88 | 4.88 | Liberty Gear & Axle® | 39/8 |
| GM12BT-4.88X | 4.88 | Liberty Gear & Axle® | 39/8 |
| *GM12BT-5.13-RG | 5.13 | Richmond Gear | 41/8 |
| *GM12BT-5.38 | 5.38 | Liberty Gear & Axle® | 43/8 |

*When using 5.13 gear ratios in a c-clip application, modification of cross shaft and/or ring gear teeth required.
 See page (insert page number here) for details.



Installation & Bearing Kits

| Part Number | Description |
|-------------|-----------------------------|
| GM12BT-BK | Bearing Kit |
| GM12BT-MOK | Master Overhaul Kit |
| GM12BT-PIK | Pinion Installation Kit |
| ABK-2 | Axle Bearing Kit |
| CBK-2 | Carrier Bearing Kit |
| GM12BT-CIK | Carrier Installation Kit |
| CSA2 | Adjustable Carrier Shim Kit |

Differentials

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

| Part Number | Description |
|-------------------------------|--------------------------------------|
| GM12BT-IGK-30 | Open Internal Gear Kit 30 Spline |
| Eaton / Detroit Differentials | |
| Part Number | Description |
| 187C150A | Detroit C-Locker 3.73 & Up 30 Spline |
| 913A315 | Detroit Truetrac 3.73 & Up 30 Spline |
| 19556-010 | Eaton Posi 3.73 & Up 30 Spline |
| 19587-010 | Eaton Posi 2.76-3.42 30 Spline |

GM 8.875" Truck Cont.

| Differentials Cont. | |
|------------------------------------|----------------------------------------------|
| Auburn Gear Differentials | |
| Part Number | Description |
| 5420107 | Auburn High Perf. Series 2.76-3.42 30 Spline |
| 5420105 | Auburn High Perf. Series 3.73 & Up 30 Spline |
| 542034 | Auburn Pro Series 2.76-3.42 30 Spline |
| 542032 | Auburn Pro Series 3.73 & Up 30 Spline |
| 545009 | Auburn ECTED 2.76-3.42 30 Spline |
| 545011 | Auburn ECTED 3.73 & Up 30 Spline |
| Richmond / Powertrax Differentials | |
| Part Number | Description |
| 1910-LR | Powertrax Lock-Right Fits Open Case |
| 92-0788-3005 | Powertrax No-Slip Fits Open Case |
| Misc. Differentials | |
| Part Number | Description |
| GM12BT-FS-30 | Full Spool 3.73 & Up 30 Spline |

| Misc. Components | |
|------------------|------------------------------|
| Covers | |
| Part Number | Description |
| GM12BC-COV-EC | Extra Capacity Cover |
| GM12BC-COV-HD | Heavy Duty Rear Girdle Cover |

Specifications:

Ring Gear Diameter = 9.25"
Pinion Shaft Diameter = 1.875"
Axle Splines = 33
Pinion Splines = 30
Cover Bolts = N/A, 3rd Member Style
Ring Gear Bolts = 12
Carrier Break = None

Torque Specifications:

Ring Gear Bolts = 70 ft. lbs.
Main Caps = 90 ft. lbs.
Inspection Cover = 15-20 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 |
|----------------|------------|----------------------|-------------|
| GM9.25REV-3.42 | 3.42 | Liberty Gear & Axle® | 41/12 |
| GM9.25REV-3.73 | 3.73 | Liberty Gear & Axle® | 41/11 |
| GM9.25REV-4.10 | 4.10 | Liberty Gear & Axle® | 41/10 |
| GM9.25REV-4.56 | 4.56 | Liberty Gear & Axle® | 41/9 |
| GM9.25REV-5.13 | 5.13 | Liberty Gear & Axle® | 41/8 |



Installation & Bearing Kits

| Part Number | Description |
|---------------|-------------------------|
| GM9.25REV-BK | Bearing Kit |
| GM9.25REV-MOK | Master Overhaul Kit |
| GM9.25REV-PIK | Pinion Installation Kit |
| GM9.5-CBK | Carrier Bearing Kit |



Differentials

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

| Part Number | Description |
|-------------------------------|-----------------------------------------|
| GM9.25REV-LC | Loaded Open Differential Case 33 Spline |
| Eaton / Detroit Differentials | |
| Part Number | Description |
| 19622-010 | Eaton ELocker IFS 33 Spline |

GM 9.5"

Specifications:

Ring Gear Diameter = 9.5"
Pinion Shaft Diameter = 1.875"
Axle Splines = 33
Pinion Splines = 30
Cover Bolts = 14
Ring Gear Bolts = 12
Carrier Break = None

Torque Specifications:

Ring Gear Bolts = 105 ft. lbs.
Main Caps = 75 ft. lbs.
Inspection Cover = 20 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 |
|---------------|------------|----------------------|-------------|
| GM9.5-3.42 | 3.42 | Liberty Gear & Axle® | 41/12 |
| GM9.5-3.42-OE | 3.42 | O.E.M. | 41/12 |
| GM9.5-3.73 | 3.73 | Liberty Gear & Axle® | 41/11 |
| GM9.5-3.73-OE | 3.73 | O.E.M. | 41/11 |
| GM9.5-4.10 | 4.10 | Liberty Gear & Axle® | 41/10 |
| GM9.5-4.10-OE | 4.10 | O.E.M. | 41/10 |
| GM9.5-4.56 | 4.56 | Liberty Gear & Axle® | 41/9 |
| GM9.5-4.56-OE | 4.56 | O.E.M. | 41/9 |
| GM9.5-4.88 | 4.88 | Liberty Gear & Axle® | 39/8 |
| GM9.5-5.13 | 5.13 | Liberty Gear & Axle® | 41/8 |



Installation & Bearing Kits

| Part Number | Description |
|-------------|-------------------------|
| GM9.5-CBK | Carrier Bearing Kit |
| GM9.5-BK | Bearing Kit |
| GM9.5-PIK | Pinion Installation Kit |
| GM9.5-MOK | Master Overhaul Kit |



Differentials

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

| Part Number | Description |
|--------------|--------------------------------------------------------|
| GM9.5-EC | Empty Open Differential Case All Ratios |
| GM9.5-IGK-33 | Open Internal Gear Kit 33 Spline |
| GM9.5-LC-33 | Loaded Open Differential Assembly All Ratios 33 Spline |

Eaton / Detroit Differentials

| Part Number | Description |
|-------------|---------------------------------------|
| 19590-010 | Eaton Posi All Ratios 33 Spline |
| 19684-010 | Eaton Elocker All Ratios 33 Spline |
| 225C135A | Detroit C-Locker All Ratios 33 Spline |
| 914A538 | Detroit Truetrac All Ratios 33 Spline |

Auburn Gear Differentials

| Part Number | Description |
|-------------|-----------------------------------------------------|
| 542087 | Auburn High Performance Series All Ratios 33 Spline |

Differentials Cont.

Richmond / Powertrax Differentials

| Part Number | Description |
|--------------|----------------------------------------------------|
| 1950-LR | Powertrax Lock-Right Fits Into 33 Spline Open Case |
| 92-0795-3305 | Powertrax No-Slip Fits Into 33 Spline Open Case |

Misc. Components

Covers

| Part Number | Description |
|-------------|----------------------|
| GM9.5COV-EC | Extra Capacity Cover |

End Yokes

| Part Number | Description |
|---------------|---------------------------------------|
| GM9.5-EY-1350 | End Yoke 1350 Series Cast Strap Style |

Axle Shaft Kits

| Part Number | Description |
|---------------|----------------------------------------------|
| GM9.5-RAK-K10 | Liberty Rear Axle Kit 6 Lug Fits 1500 HD |
| GM9.5-RAK-K20 | Liberty Rear Axle Kit 8 Lug Fits K2500 81-91 |
| GM9.5-RAK-K30 | Liberty Rear Axle Kit 8 Lug Fits K2500 88-98 |

GM 10.5"

Specifications:

Ring Gear Diameter = 10.5"
 Pinion Shaft Diameter = 1.750"
 Axle Splines = 30
 Pinion Splines = 30
 Cover Bolts = 14
 Ring Gear Bolts = 12
 Carrier Break = 4.10 & Down, 4.56 & Up

Torque Specifications:

Ring Gear Bolts = 105 ft. lbs.
 Main Caps = 70 ft. lbs.
 Inspection Cover = 15-20 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 |
|----------------|------------|----------------------|-------------|
| GM10.5-3.42 | 3.42 | Liberty Gear & Axle® | 41/12 |
| GM10.5-3.42-OE | 3.42 | O.E.M. | 41/12 |
| GM10.5-3.73 | 3.73 | Liberty Gear & Axle® | 41/11 |
| GM10.5-3.73-OE | 3.73 | O.E.M. | 41/11 |
| GM10.5-4.10 | 4.10 | Liberty Gear & Axle® | 41/10 |
| GM10.5-4.10-OE | 4.10 | O.E.M. | 41/10 |
| GM10.5-4.56 | 4.56 | Liberty Gear & Axle® | 41/9 |
| GM10.5-4.56-OE | 4.56 | O.E.M. | 41/9 |
| *GM10.5-4.56X | 4.56 | Liberty Gear & Axle® | 41/9 |
| *GM10.5-4.88X | 4.88 | Liberty Gear & Axle® | 39/8 |
| GM10.5-5.13 | 5.13 | Liberty Gear & Axle® | 41/8 |
| GM10.5-5.13-OE | 5.13 | O.E.M. | 41/8 |
| *GM10.5-5.13X | 5.13 | Liberty Gear & Axle® | 41/8 |
| *GM10.5-5.38X | 5.38 | Liberty Gear & Axle® | 43/8 |

*Extra Thick Gear Fits 4.10 & Down Carrier

Installation & Bearing Kits

| Part Number | Description |
|--------------|----------------------------------------|
| GM10.5-BK-E | Bearing Kit 1988 & Earlier |
| GM10.5-BK-L | Bearing Kit 1989 & Later |
| GM10.5-MOK-E | Master Overhaul Kit 1988 & Earlier |
| GM10.5-MOK-L | Master Overhaul Kit 1989 & Later |
| GM10.5-PIK-E | Pinion Installation Kit 1988 & Earlier |
| GM10.5-PIK-L | Pinion Installation Kit 1989 & Later |
| GM10.5-CBK | Carrier Bearing Kit |

Differentials

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

| Part Number | Description |
|---------------|------------------------------------------|
| GM10.5-EC-L | Empty Open Differential Case 4.10 & Down |
| GM10.5-EC-H | Empty Open Differential Case 4.56 & Up |
| GM10.5-IGK-30 | Open Internal Gear Kit 30 Spline |

Richmond / Powertrax Differentials

| Part Number | Description |
|-------------|----------------------------------------------------|
| 1955-LR | Powertrax Lock-Right Fits Into 30 Spline Open Case |

| Misc. Components | |
|------------------|---------------------------------|
| Cover | |
| Part Number | Description |
| GM10.5-COV-EC | Extra Capacity Cover |
| GM10.5-COV-HD | Heavy Duty Rear Girdle Cover |
| End Yokes | |
| Part Number | Description |
| GM10.5-EY-1350 | End Yoke 1350 Series Cast Style |
| GM10.5-EY-1410 | End Yoke 1410 Series Cast Style |

GM 11.5"

Specifications:

Ring Gear Diameter = 11.50"
 Pinion Shaft Diameter = 2.005"
 Axle Splines = 30
 Pinion Splines = 30
 Cover Bolts = 14
 Ring Gear Bolts = 12
 Carrier Break = None

Torque Specifications:

Ring Gear Bolts = 165-180 ft. lbs.
 Main Caps = 185-230 ft. lbs.
 Inspection Cover = 24-33 ft. lbs.
 Pinion Bearing Preload = 18-24 in. lbs.
 Pinion Nut = Varies upon pinion bearing preload



Ring & Pinions

| Part Number | Gear Ratio | Mfg./Brand | Tooth Count |
|-------------|------------|----------------------|-------------|
| GM11.5-3.42 | 3.42 | Liberty Gear & Axle® | 41/12 |
| GM11.5-3.73 | 3.73 | Liberty Gear & Axle® | 41/11 |
| GM11.5-4.10 | 4.10 | Liberty Gear & Axle® | 41/10 |
| GM11.5-4.56 | 4.56 | Liberty Gear & Axle® | 41/9 |
| GM11.5-4.63 | 4.63 | Liberty Gear & Axle® | 37/8 |

Installation & Bearing Kits

| Part Number | Description |
|-------------|-------------------------|
| GM11.5-BK | Bearing Kit |
| GM11.5-CBK | Carrier Bearing Kit |
| GM11.5-MOK | Master Overhaul Kit |
| GM11.5-PIK | Pinion Installation Kit |

Differentials

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

| Part Number | Description |
|---------------|-----------------------------------------|
| GM11.5-LC | Loaded Open Differential Case 30 Spline |
| GM11.5-IGK-30 | Open Internal Gear Kit 30 Spline |

Eaton / Detroit Differentials

| Part Number | Description |
|-------------|----------------------------|
| 915A568 | Detroit Truetrac 30 Spline |

Misc. Differentials

| Part Number | Description |
|-------------|-----------------------|
| C11.5-HL | Helical L/S 30 Spline |

Misc. Components

Covers

| Part Number | Description |
|---------------|----------------------|
| GM11.5-COV-EC | Extra Capacity Cover |