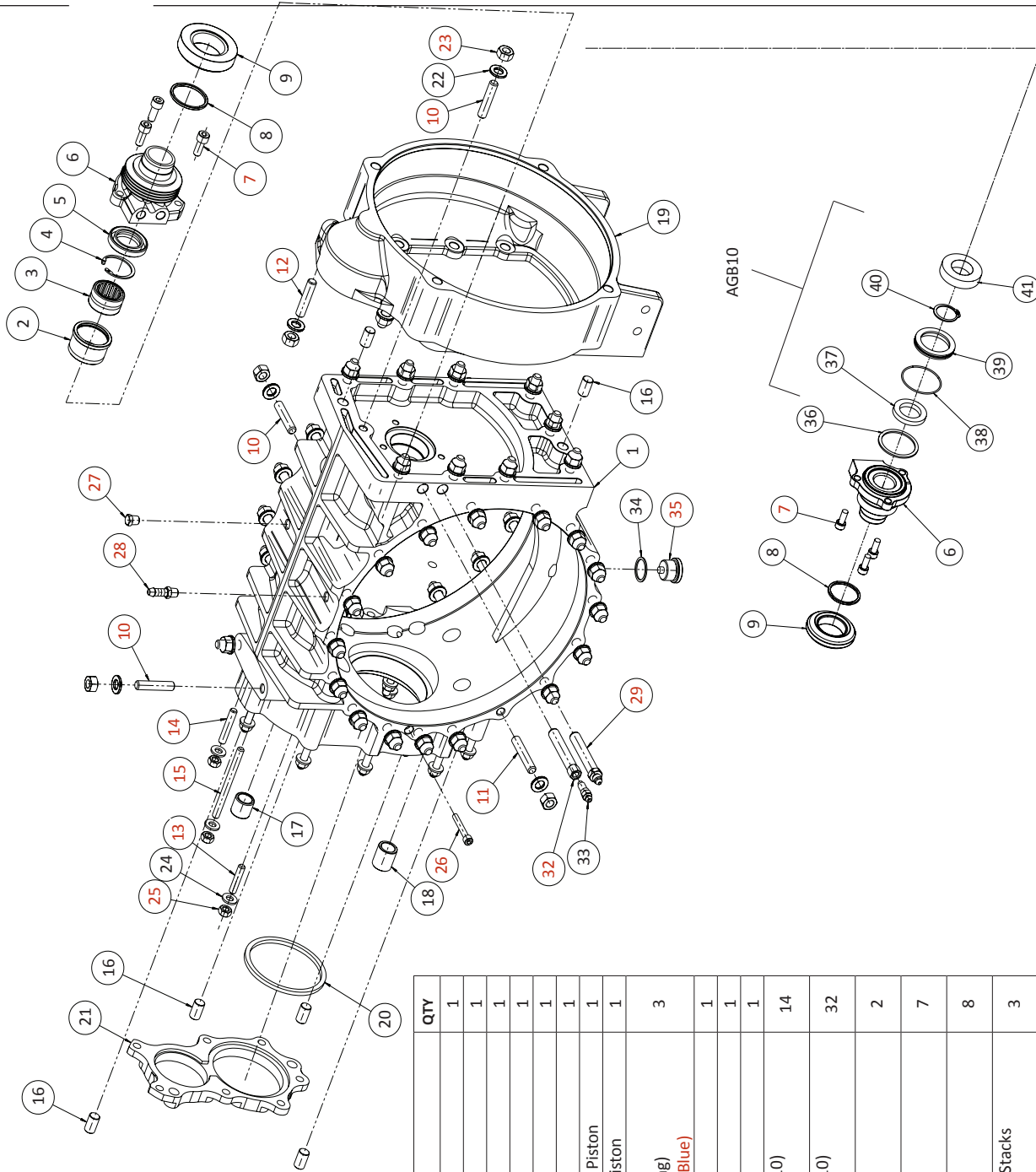


# AGB H-PATTERN MAIN CASE ASSEMBLY

PAGE 1 OF 2



| ITEM | PART NO.    | DESCRIPTION                                                                                                                        | QTY |
|------|-------------|------------------------------------------------------------------------------------------------------------------------------------|-----|
| 1    | AGB-00100   | AGB 11.5 Main Case, Bare                                                                                                           | 1   |
| (1)  | AGB10-04228 | AGB 10 Main Case, Bare                                                                                                             | 1   |
| 2    | AGB-00135   | Sleeve for Input Shaft Bearing                                                                                                     | 1   |
| 3    | AGB-00131   | Input Shaft Support Bearing                                                                                                        | 1   |
| 4    | AGB-00132   | Circlip                                                                                                                            | 1   |
| 5    | AGB-00133   | Input Shaft Seal                                                                                                                   | 1   |
| 6    | SC-A1-364   | Clutch Slave Cylinder Assy. 36.4 mm Piston                                                                                         | 1   |
| (6)  | SC-A1-310   | Clutch Slave Cylinder Assy. 31 mm Piston                                                                                           | 1   |
| 7    | H-BM8X205H  | Socket Head Cap bolt, M8X1.25X20<br>(Start Slave Fittings before Tightening)<br><b>Torque to 14 ft. lb with Loctite 243 (Blue)</b> | 3   |
| 8    | SC-00331    | 3mm Spacer (optional)                                                                                                              | 1   |
| 9    | SC-00170    | Clutch Release Bearing, Convex                                                                                                     | 1   |
| (9)  | SC-00170A   | Clutch Release Bearing, Flat                                                                                                       | 1   |
| 10   | H-SM10X45   | Stud, M10X1.5X45 (qty 12 for AGB 10)<br><b>Install with Loctite 272 (Red)</b>                                                      | 14  |
| 11   | H-SM10X55   | Stud, M10X1.5X55 (qty 24 for AGB 10)<br><b>Install with Loctite 272 (Red)</b>                                                      | 32  |
| 12   | H-SM10X38   | Stud, M10X1.5X38<br><b>Install with Loctite 272 (Red)</b>                                                                          | 2   |
| 13   | H-SM8X38    | Stud, M8X1.25X38<br><b>Install with Loctite 272 (Red)</b>                                                                          | 7   |
| 14   | H-SM8X50    | Stud, M8X1.25X50<br><b>Install with Loctite 272 (Red)</b>                                                                          | 8   |
| 15   | H-SM8X95    | M8X95 Stud Used With Gen 1 Gear Stacks<br><b>Install with Loctite 272 (Red)</b>                                                    | 3   |
| (15) | H-BM8X80SH  | M8X80 Socket Head Bolt Used With Gen 2 Gear Stacks<br><b>Torque to 18 ft. lb w/Loctite 243 (Blue)</b>                              | 3   |
| 16   | H-DM12X20   | Dowel, 12mm X 20mm Long                                                                                                            | 6   |
| 17   | AGB-00160   | Linear Motion Bearing, 16X22X20                                                                                                    | 3   |
| (17) | AGB-03194   | Bronze Bushing for 3rd/4th Shift Rail Bore                                                                                         | 1   |
| 18   | AGB-00256   | Shift Shaft Bushing, 16X22X25                                                                                                      | 1   |
| 19   | AGB-00101-A | Bell Housing, VW                                                                                                                   | 1   |



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Drawing No: AGB-EXP-CASE-LOW

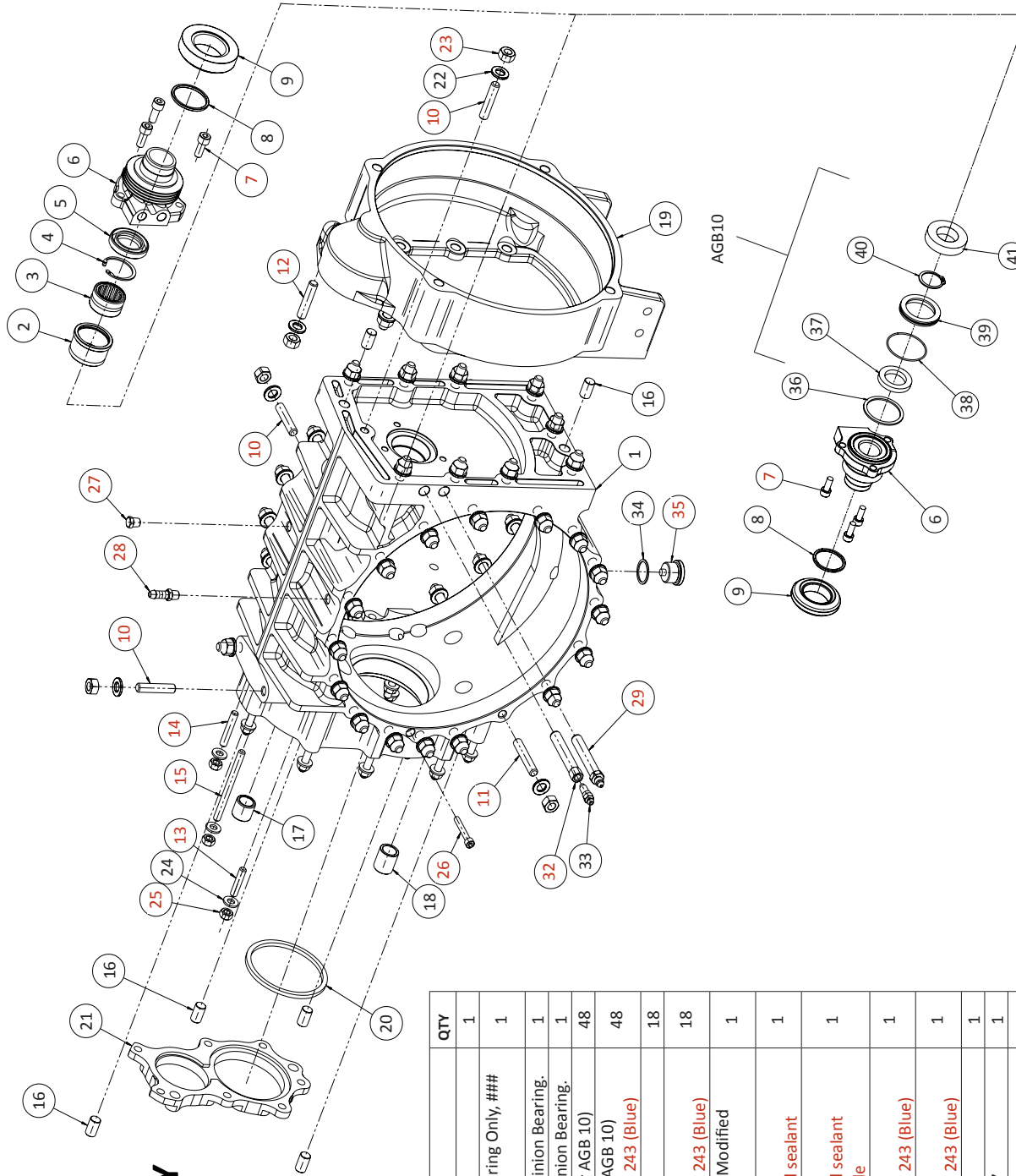
Drawing Name: H-Pattern Main Case Assy

Drawn By: RX

Revised: 10/9/2025

# AGB H-PATTERN MAIN CASE ASSEMBLY

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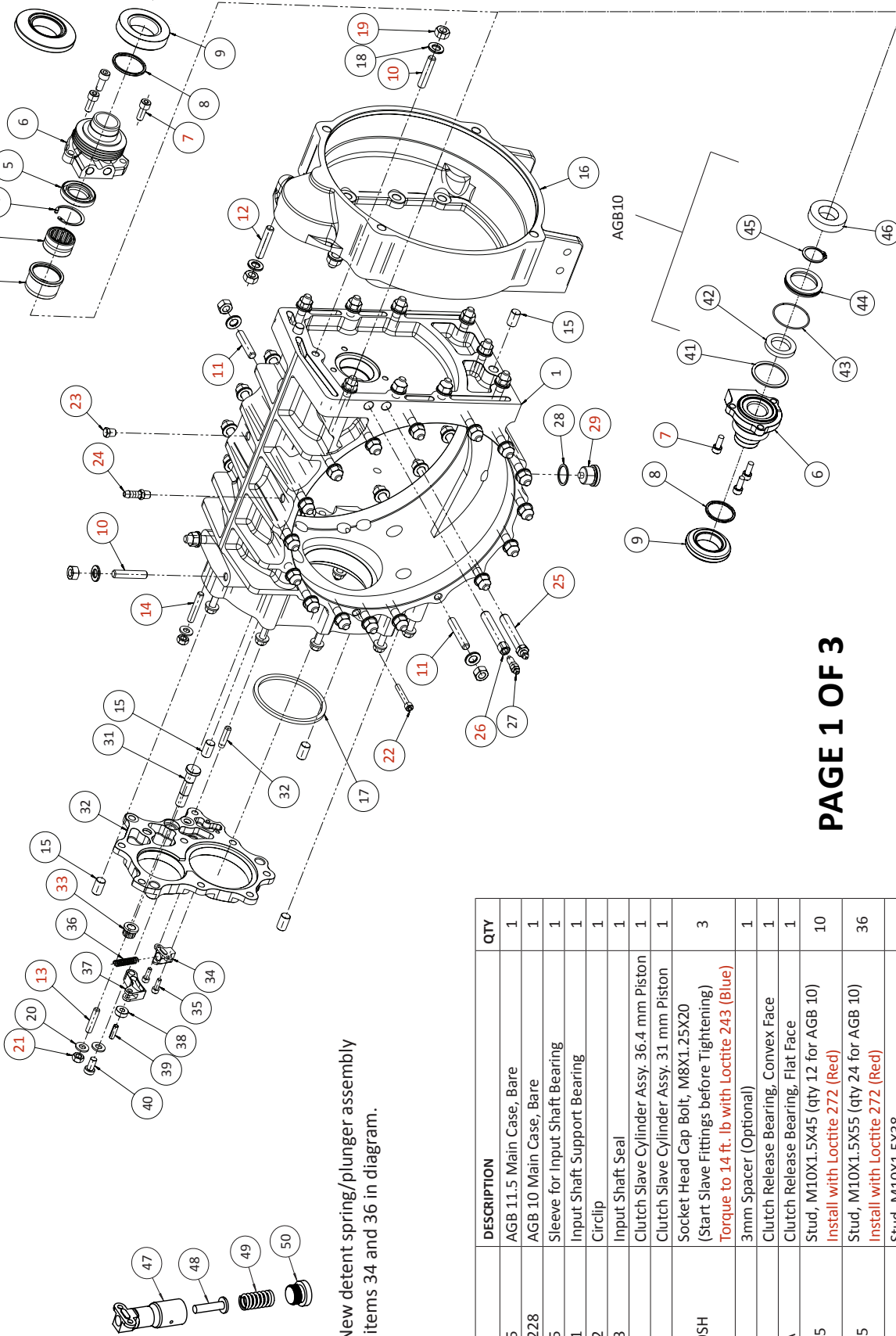
| ITEM | PART NO.        | DESCRIPTION                                                                                     | QTY |
|------|-----------------|-------------------------------------------------------------------------------------------------|-----|
| (19) | AGB-00101-B     | Bell Housing, Chevy                                                                             | 1   |
| 20   | AGB-00228-###   | Thrust Spacer Early Pinion Bearing Only, ### Denotes Thickness                                  | 1   |
| 21   | AGB-00198       | Bearing Retainer Plate, Early Pinion Bearing.                                                   | 1   |
| (21) | AGB-05624       | Bearing Retainer Plate, Late Pinion Bearing.                                                    | 1   |
| 22   | H-WM10          | Flat Washer, 10mm (qty 38 for AGB 10)                                                           | 48  |
| 23   | H-NM10          | Hex Nut, M10X1.5 (qty 38 for AGB 10)<br>Torque to 40 ft. lb with Loctite 243 (Blue)             | 48  |
| 24   | H-WM8-17        | Flat Washer, 8mm                                                                                | 18  |
| 25   | H-NM8           | Hex Nut, M8X1.25<br>Torque to 18 ft. lb with Loctite 243 (Blue)                                 | 18  |
| 26   | H-BM6X40SH      | Socket Head Cap Bolt, M6X40 Modified<br>Seal W/3-Bond                                           | 1   |
| 27   | H-PLUG-18PH     | Brass Plug, 1/8"NPT<br>Torque to 10 ft. lb with 3-Bond sealant                                  | 1   |
| 28   | H-VENT-18PX516B | Breather, 1/8"NPT<br>Torque to 10 ft. lb with 3-Bond sealant<br>Vent goes on non-ring gear side | 1   |
| 29   | SC-00166        | Fitting, M12X1 X AN-4<br>Torque to 26 ft. lb with Loctite 243 (Blue)                            | 1   |
| 32   | SC-00165        | Fitting, M12X1 X M7X1<br>Torque to 26 ft. lb with Loctite 243 (Blue)                            | 1   |
| 33   | SC-00167        | Bleeder Screw, M7X1                                                                             | 1   |
| 34   | AGB-00163       | Copper Sealing Washer, 22X27                                                                    | 1   |
| 35   | AGB-00162       | Magnetic Drain Plug, M22X1.5<br>Torque to 50 ft. lb with Loctite 243 (Blue)                     | 1   |
| 36   | AGB-07274-###   | Shim For Seal Retainer, ### Denotes Thickness                                                   | 1   |
| 37   | AGB10-04234     | Input Shaft Seal AGB10                                                                          | 1   |
| 38   | AGB10-04241     | O-ring For Seal Retainer                                                                        | 1   |
| 39   | AGB10-04236     | Input Shaft Seal Retainer                                                                       | 1   |
| 40   | AGB10-04235     | Input Shaft Snap or Circlip Ring                                                                | 1   |
| 41   | AGB10-04233     | Input Shaft Support Bearing                                                                     | 1   |



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Drawing No: AGB-EXP-CASE-LOW  
Drawing Name: H-Pattern Main Case Assy  
Drawn By: RX  
Revised: 4/7/2025

# AGB SEQUENTIAL MAIN CASE ASSEMBLY



Note 1: New detent spring/plunger assembly replaces items 34 and 36 in diagram.

| ITEM | PART NO.    | DESCRIPTION                                                                                                                        | QTY |
|------|-------------|------------------------------------------------------------------------------------------------------------------------------------|-----|
| 1    | AGB-38515   | AGB 11.5 Main Case, Bare                                                                                                           | 1   |
| (1)  | AGB10-04228 | AGB 10 Main Case, Bare                                                                                                             | 1   |
| 2    | AGB-00135   | Sleeve for Input Shaft Bearing                                                                                                     | 1   |
| 3    | AGB-00131   | Input Shaft Support Bearing                                                                                                        | 1   |
| 4    | AGB-00132   | Circclip                                                                                                                           | 1   |
| 5    | AGB-00133   | Input Shaft Seal                                                                                                                   | 1   |
| 6    | SC-A1-364   | Clutch Slave Cylinder Assy. 36.4 mm Piston                                                                                         | 1   |
| (6)  | SC-A1-310   | Clutch Slave Cylinder Assy. 31 mm Piston                                                                                           | 1   |
| 7    | H-BM8X20SH  | Socket Head Cap Bolt, M8X1.25X20<br>(Start Slave Fittings before Tightening)<br><b>Torque to 14 ft. lb with Loctite 243 (Blue)</b> | 3   |
| 8    | SC-00331    | 3mm Spacer (Optional)                                                                                                              | 1   |
| 9    | SC-00170    | Clutch Release Bearing, Convex Face                                                                                                | 1   |
| (9)  | SC-00170A   | Clutch Release Bearing, Flat Face                                                                                                  | 1   |
| 10   | H-SM10X45   | Stud, M10X1.5X45 (qty 12 for AGB 10)<br><b>Install with Loctite 272 (Red)</b>                                                      | 10  |
| 11   | H-SM10X55   | Stud, M10X1.5X55 (qty 24 for AGB 10)<br><b>Install with Loctite 272 (Red)</b>                                                      | 36  |
| 12   | H-SM10X38   | Stud, M10X1.5X38<br><b>Install with Loctite 272 (Red)</b>                                                                          | 2   |
| 13   | H-SM8X38    | Stud, M8X1.25X32<br><b>Install with Loctite 272 (Red)</b>                                                                          | 8   |
| 14   | H-SM8X50    | Stud, M8X1.25X50<br><b>Install with Loctite 272 (Red)</b>                                                                          | 8   |
| 15   | H-DM12X20   | Dowel, 12mm x 20mm Long                                                                                                            | 6   |

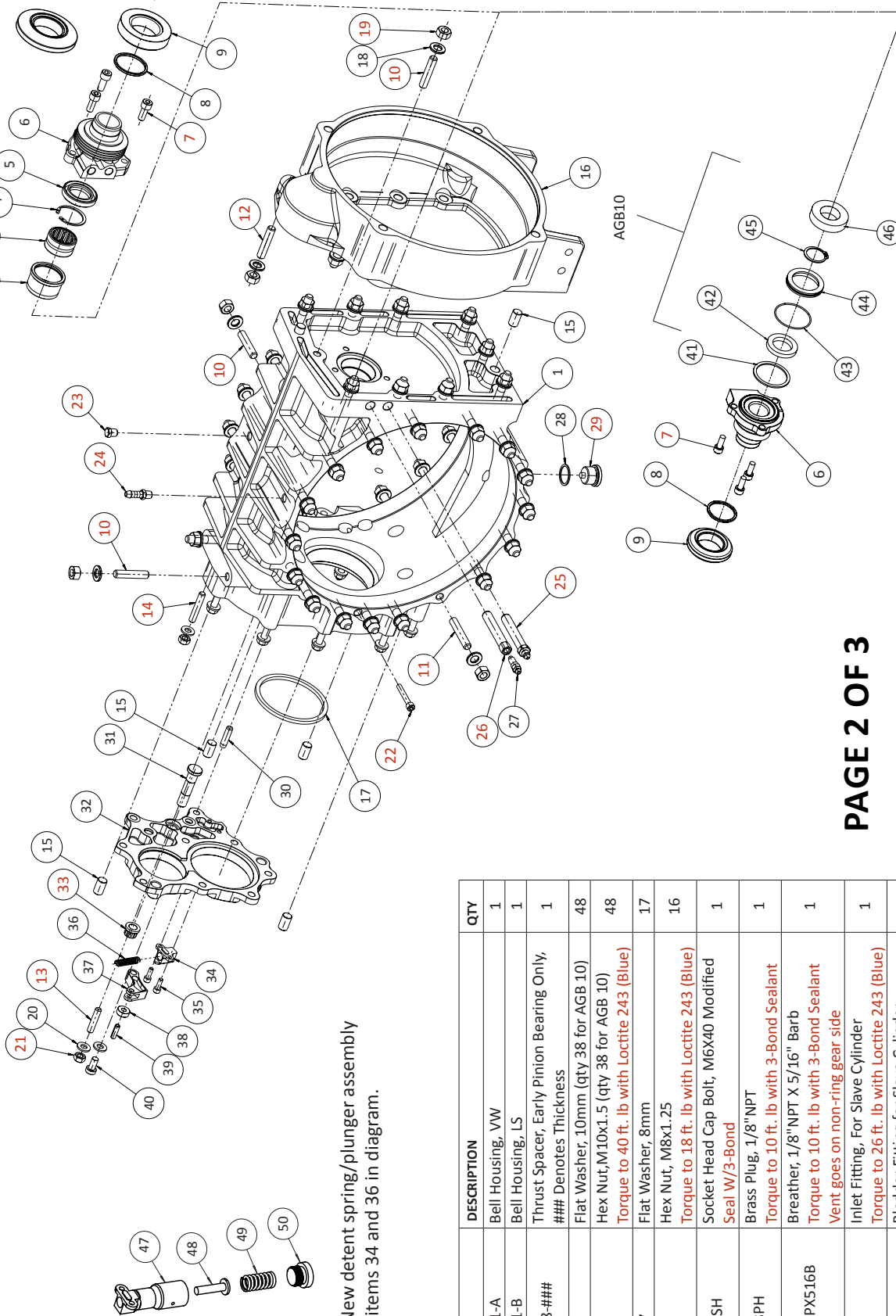
PAGE 1 OF 3



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Drawing No: AGB-EXP-CASE-SEQ  
Drawing Name: Sequential Main Case Assembly  
Drawn By: RX  
Revised: 10/9/2025

# AGB SEQUENTIAL MAIN CASE ASSEMBLY



Note 1: New detent spring/plunger assembly replaces items 34 and 36 in diagram.

| ITEM | PART NO.        | DESCRIPTION                                                                                                  | QTY |
|------|-----------------|--------------------------------------------------------------------------------------------------------------|-----|
| 16   | AGB-00101-A     | Bell Housing, VW                                                                                             | 1   |
| (16) | AGB-00101-B     | Bell Housing, LS                                                                                             | 1   |
| 17   | AGB-00228-###   | Thrust Spacer, Early Pinion Bearing Only, ### Denotes Thickness                                              | 1   |
| 18   | H-WM10          | Flat Washer, 10mm (qty 38 for AGB 10)                                                                        | 48  |
| 19   | H-NM10          | Hex Nut, M10x1.5 (qty 38 for AGB 10)<br>Torque to 40 ft. lb with Loctite 243 (Blue)                          | 48  |
| 20   | H-WM8-17        | Flat Washer, 8mm                                                                                             | 17  |
| 21   | H-NM8           | Hex Nut, M8x1.25<br>Torque to 18 ft. lb with Loctite 243 (Blue)                                              | 16  |
| 22   | H-BM6X40SH      | Socket Head Cap Bolt, M6X40 Modified Seal W/3-Bond                                                           | 1   |
| 23   | H-PLUG-18PH     | Brass Plug, 1/8"NPT<br>Torque to 10 ft. lb with 3-Bond Sealant                                               | 1   |
| 24   | H-VENT-18PX516B | Breather, 1/8"NPT X 5/16" Barb<br>Torque to 10 ft. lb with 3-Bond Sealant<br>Vent goes on non-ring gear side | 1   |
| 25   | SC-00166        | Inlet Fitting, For Slave Cylinder<br>Torque to 26 ft. lb with Loctite 243 (Blue)                             | 1   |
| 26   | SC-00165        | Bleeder Fitting for Slave Cylinder<br>Torque to 26 ft. lb with Loctite 243 (Blue)                            | 1   |
| 27   | SC-00167        | Bleeder Screw, M7X1                                                                                          | 1   |
| 28   | AGB-00163       | Copper Sealing Washer, 22X27                                                                                 | 1   |
| 29   | AGB-00162       | Magnetic Drain Plug, M22X1.5<br>Torque to 50 ft. lb with Loctite 243 (Blue)                                  | 1   |
| 30   | H-DM8X30        | M8X30 Hardened Dowel Pin                                                                                     | 1   |
| 31   | AGB-00360       | Drum Locating Stud, M12X1.25X54                                                                              | 1   |

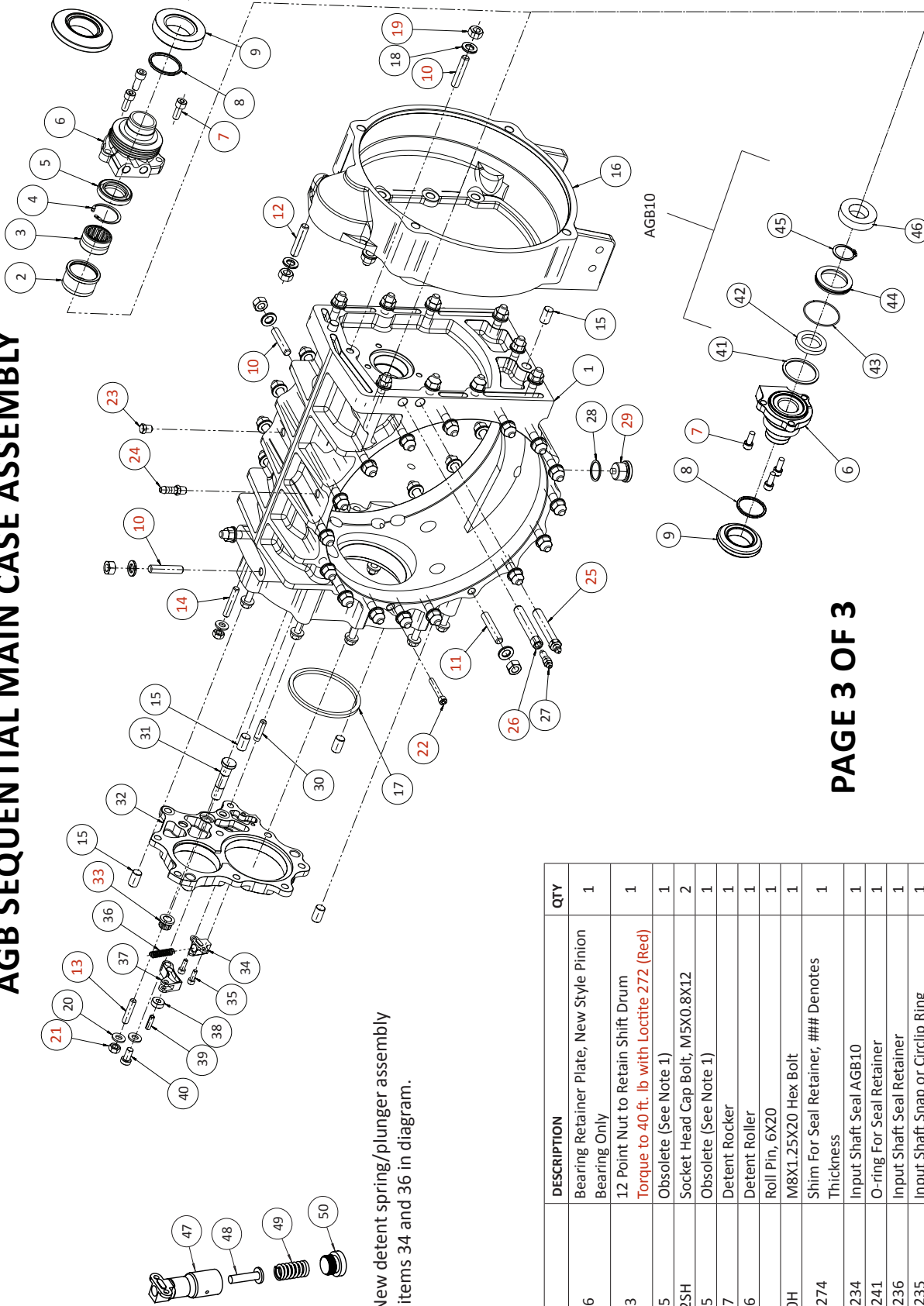


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Drawing No: AGB-EXP-CASE-SEQ  
Drawing Name: Sequential Main Case Assembly  
Drawn By: RX  
Revised: 10/9/25



# AGB SEQUENTIAL MAIN CASE ASSEMBLY



Note 1: New detent spring/plunger assembly replaces items 34 and 36 in diagram.

| ITEM | PART NO.    | DESCRIPTION                                                                            | QTY |
|------|-------------|----------------------------------------------------------------------------------------|-----|
| 32   | AGB-05626   | Bearing Retainer Plate, New Style Pinion Bearing Only                                  | 1   |
| 33   | AGB-00333   | 12 Point Nut to Retain Shift Drum<br><b>Torque to 40 ft. lb with Loctite 272 (Red)</b> | 1   |
| 34   | AGB-00355   | Obsolete (See Note 1)                                                                  | 1   |
| 35   | H-BM5X12SH  | Socket Head Cap Bolt, M5X0.8X12                                                        | 2   |
| 36   | AGB-03795   | Obsolete (See Note 1)                                                                  | 1   |
| 37   | AGB-00357   | Detent Rocker                                                                          | 1   |
| 38   | AGB-00356   | Detent Roller                                                                          | 1   |
| 39   | H-RP6X20    | Roll Pin, 6X20                                                                         | 1   |
| 40   | H-BM8X20H   | M8X1.25X20 Hex Bolt                                                                    | 1   |
| 41   | AGB10-07274 | Shim For Seal Retainer, ### Denotes Thickness                                          | 1   |
| 42   | AGB10-04234 | Input Shaft Seal AGB10                                                                 | 1   |
| 43   | AGB10-04241 | O-ring For Seal Retainer                                                               | 1   |
| 44   | AGB10-04236 | Input Shaft Seal Retainer                                                              | 1   |
| 45   | AGB10-04235 | Input Shaft Snap or Circlip Ring                                                       | 1   |
| 46   | AGB10-04233 | Input Shaft Support Bearing                                                            | 1   |
| 47   | AGB-10857   | Plunger Body                                                                           | 1   |
| 48   | AGB-10859   | Plunger for New Style Detent Assembly                                                  | 1   |
| 49   | AGB-10856   | Spring for Detent Plunger                                                              | 1   |
| 50   | AGB-13290   | Plug                                                                                   | 1   |

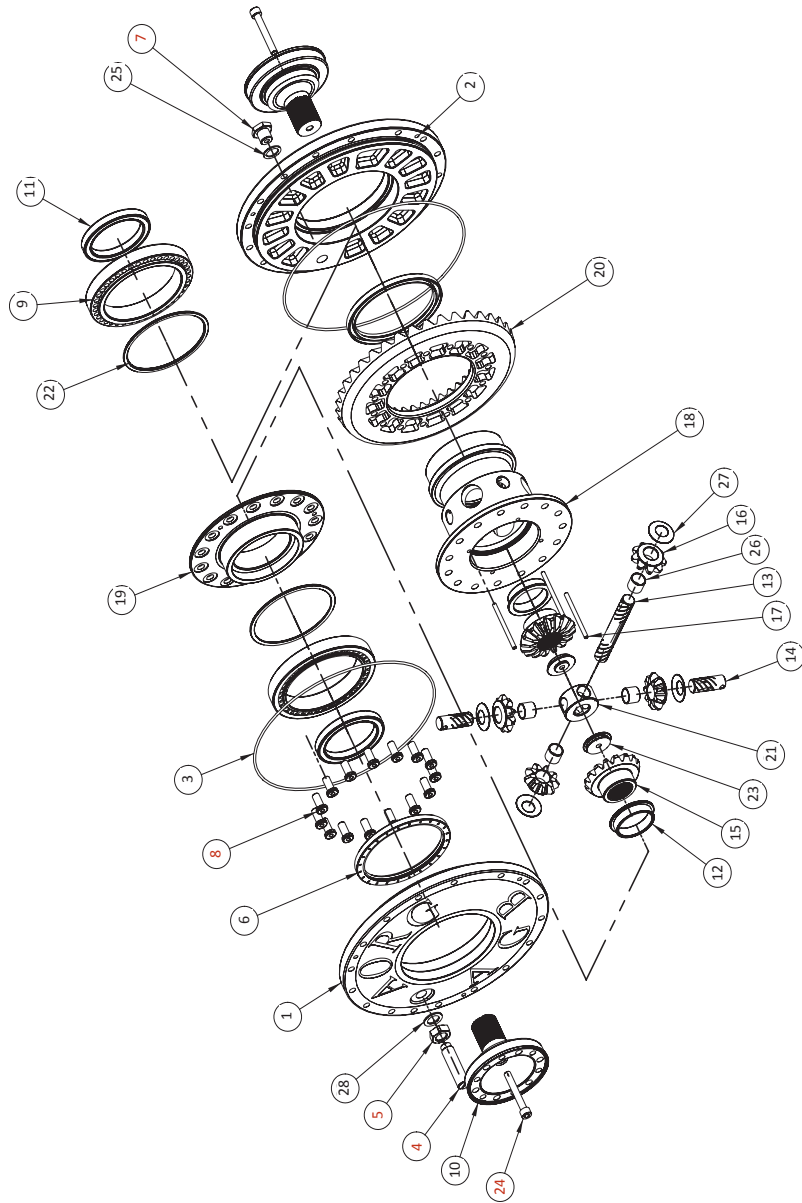


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Drawing No: AGB-EXP-CASE-SEQ  
Drawing Name: Sequential Main Case Assembly  
Drawn By: RX  
Revised: 10/9/2025

# 11.5" OPEN STYLE DIFFERENTIAL ASSEMBLY

## FOR EARLY MODEL AGB TRANSAXLES

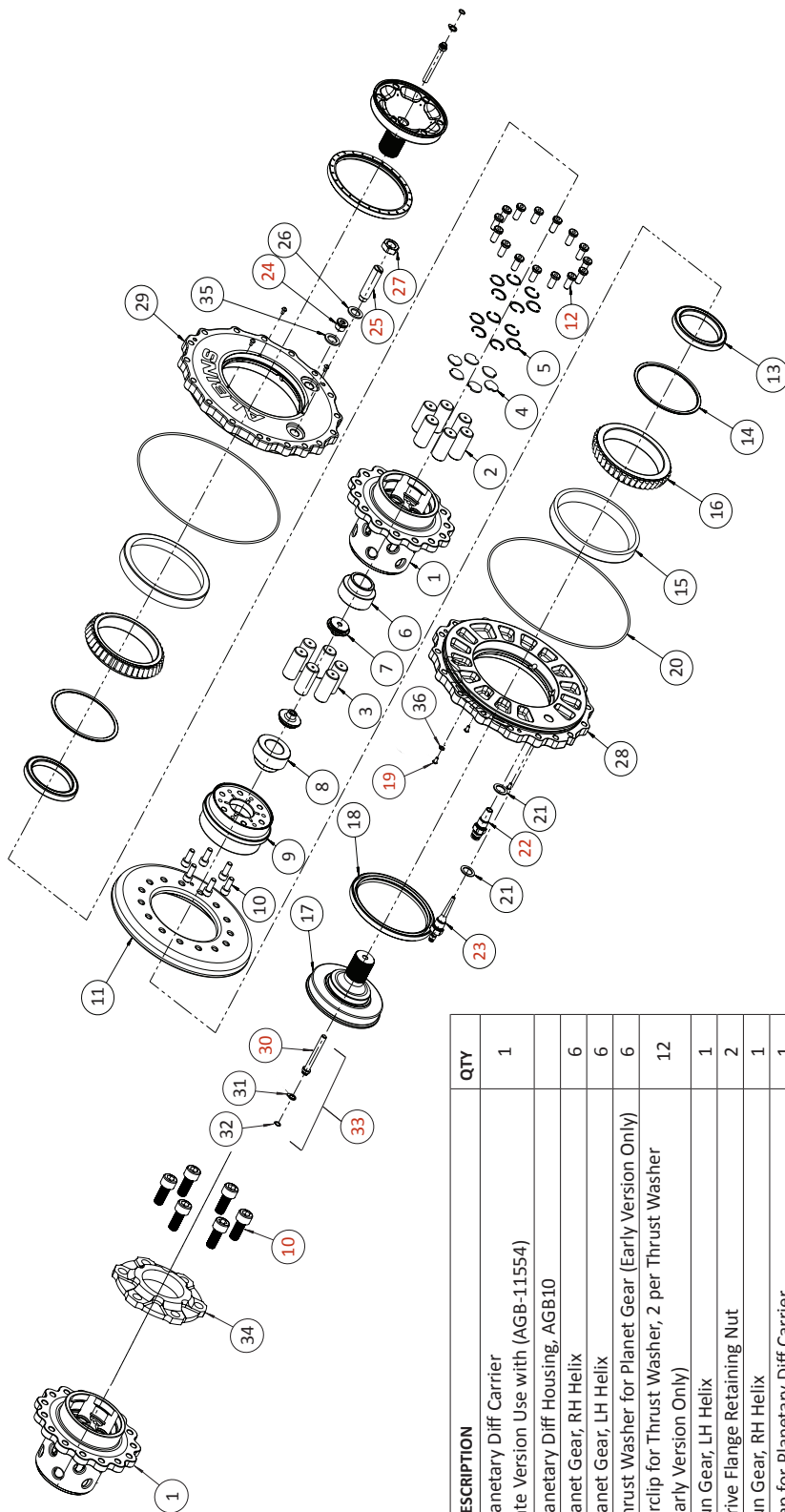


| ITEM | PART NO.        | DESCRIPTION                                                                                                                                                      | QTY |
|------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| 1    | AGB-00102       | Left Sidecover                                                                                                                                                   | 1   |
| 2    | AGB-00103       | Right Sidecover                                                                                                                                                  | 1   |
| 3    | AGB-00104       | Sidecover O-ring                                                                                                                                                 | 2   |
| 4    | MD-945          | Bronze Load Bolt<br>Apply 3-Bond                                                                                                                                 | 1   |
| 5    | H-JN3416        | Lock Nut for Load Bolt, 3/4" UNF<br>Torque to 50 ft. lb. with Loctite 243 (Blue)                                                                                 | 1   |
| 6    | AGB-00108       | Seal for Drive Flange, 130x155x10                                                                                                                                | 2   |
| 7    | H-PLUG-34UNFH   | 3/4" UNF Plug<br>Torque to 40 ft. lb. with Loctite 243 (Blue)                                                                                                    | 1   |
| 8    | H-B716201000XHD | Ring Gear Bolt<br>Torque to 95 ft. lb. with Loctite 272 (Red)                                                                                                    | 15  |
| 9    | AGB-00114-CN    | Diff Carrier Bearing, Cone                                                                                                                                       | 2   |
| (9)  | AGB-00114-CP    | Diff Carrier Bearing, Race                                                                                                                                       | 2   |
| 10   | AGB-00115-A     | Drive Flange (934/935)                                                                                                                                           | 2   |
| 11   | AGB-00116       | Drive Flange Support Bearing                                                                                                                                     | 2   |
| 12   | AGB-00117-A     | Bronze Bushing for Side Gear                                                                                                                                     | 2   |
| 13   | AGB-00118       | Diff Cross Shaft, Long                                                                                                                                           | 1   |
| 14   | AGB-00119       | Diff Cross Shaft, Short                                                                                                                                          | 2   |
| 15   | AGB-00120-A     | Side Gear                                                                                                                                                        | 2   |
| 16   | AGB-00121       | Spider Gear                                                                                                                                                      | 4   |
| 17   | AGB-00122       | Dowel Pin for Cross Shaft, 8x82mm                                                                                                                                | 3   |
| 18   | AGB-00124       | Diff Carrier                                                                                                                                                     | 1   |
| 19   | AGB-00125       | Diff Cover                                                                                                                                                       | 1   |
| 20   | AGB-RP5-###     | Ring & Pinion (Set) 5 Speed, ### denotes ratio                                                                                                                   | 1   |
| (20) | AGB-RP6-###     | Ring & Pinion (Set) 6-Speed, ### denotes ratio                                                                                                                   | 1   |
| 21   | AGB-00134       | Diff Center Block                                                                                                                                                | 1   |
| 22   | AGB-00140-###   | Diff Setup Shim, ### denotes thickness                                                                                                                           | 2   |
| 23   | AGB-00141       | Drive Flange Retaining Nut                                                                                                                                       | 2   |
| 24   | AGB-00142-B-3   | Drive Flange Retaining Bolt (M10x70)<br>(Machine bolt length to 70mm) and use w/ AGB-00142-B-1 and AGB-00142-B-2<br>Torque to 50 ft. lb. with Loctite 243 (Blue) | 2   |
| 25   | H-WM19-SEAL     | Sealing Washer                                                                                                                                                   | 1   |
| 26   | AGB-00195       | Bronze Bushing for Spider Gear                                                                                                                                   | 4   |
| 27   | AGB-00196       | Bronze Thrust Washer for Spider Gear                                                                                                                             | 4   |
| 28   | AGB-00197       | Steel Washer for Load Bolt Lock Nut                                                                                                                              | 1   |


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Drawing No: AGB-EXP-DIFF-OPEN  
 Drawing Name: Open Style Diff Assembly  
 Drawn By: RX  
 Revised: 10/9/25

# AGB PLANETARY DIFFERENTIAL ASSEMBLY (934/935)



PAGE 1 OF 2

| ITEM | PART NO.        | DESCRIPTION                                                                       | QTY     |
|------|-----------------|-----------------------------------------------------------------------------------|---------|
| 1    | AGB-00124-A     | Planetary Diff Carrier<br>Late Version Use with (AGB-11554)                       | 1       |
| (1)  | AGB10-11527     | Planetary Diff Housing, AGB10                                                     | 6       |
| 2    | AGB-00263       | Planet Gear, RH Helix                                                             | 6       |
| 3    | AGB-00264       | Planet Gear, LH Helix                                                             | 6       |
| 4    | AGB-00266       | Thrust Washer for Planet Gear (Early Version Only)                                | 6       |
| 5    | AGB-00265       | Circlip for Thrust Washer, 2 per Thrust Washer<br>(Early Version Only)            | 12      |
| 6    | AGB-00262       | Sun Gear, LH Helix                                                                | 1       |
| 7    | AGB-00141-A     | Drive Flange Retaining Nut                                                        | 2       |
| 8    | AGB-00261       | Sun Gear, RH Helix                                                                | 1       |
| 9    | AGB-00125-A     | Cap for Planetary Diff Carrier                                                    | 1       |
| 10   | H-BM10X25SH     | Socket Head Cap Bolt, M10x25<br><b>Torque to 70 ft. lb with Loctite 272 (Red)</b> | 6 or 12 |
| 11   | AGB-RP5-###     | R&P Set, 5-Speed, ### Denotes Ratio                                               | 1       |
| (11) | AGB-RP6-###     | R&P Set, 6-Speed, ### Denotes Ratio                                               | 1       |
| (11) | AGB10-RP5-###   | R&P Set, 5-Speed, ### Denotes Ratio                                               |         |
| (11) | AGB10-RP6-###   | R&P Set, 6-Speed, ### Denotes Ratio                                               |         |
| 12   | H-B716201000XHD | Ring Gear Bolt<br><b>Torque to 95 ft. lb with Loctite 272 (Red)</b>               | 15      |
| 13   | AGB-00116       | Drive Flange Support Bearing                                                      | 2       |
| 14   | AGB-00140-###   | Diff Shim, ### Denotes Thickness                                                  | 2       |
| 15   | AGB-00114-CP    | Diff Carrier Bearing Cup (934/935)                                                | 2       |
| 16   | AGB-00114-CN    | Diff Carrier Bearing Cone                                                         | 2       |
| 17   | AGB-00115-A     | Drive Flange, (934/935)                                                           | 2       |
| 18   | AGB-00108       | Drive Flange Seal, (934/935)                                                      | 2       |
| 19   | H-BM5X12BH      | Seal Retaining Screw<br><b>Install with Loctite 243 (Blue)</b>                    | 6       |
| 20   | AGB-00104       | Side Cover O-Ring                                                                 | 2       |
| (20) | HV-922          | Side Cover O-Ring                                                                 | 2       |
| 21   | W-WM19-SEAL     | Sealing Washer                                                                    | 2       |

AGB 10" S.Covers:

AGB10-04230

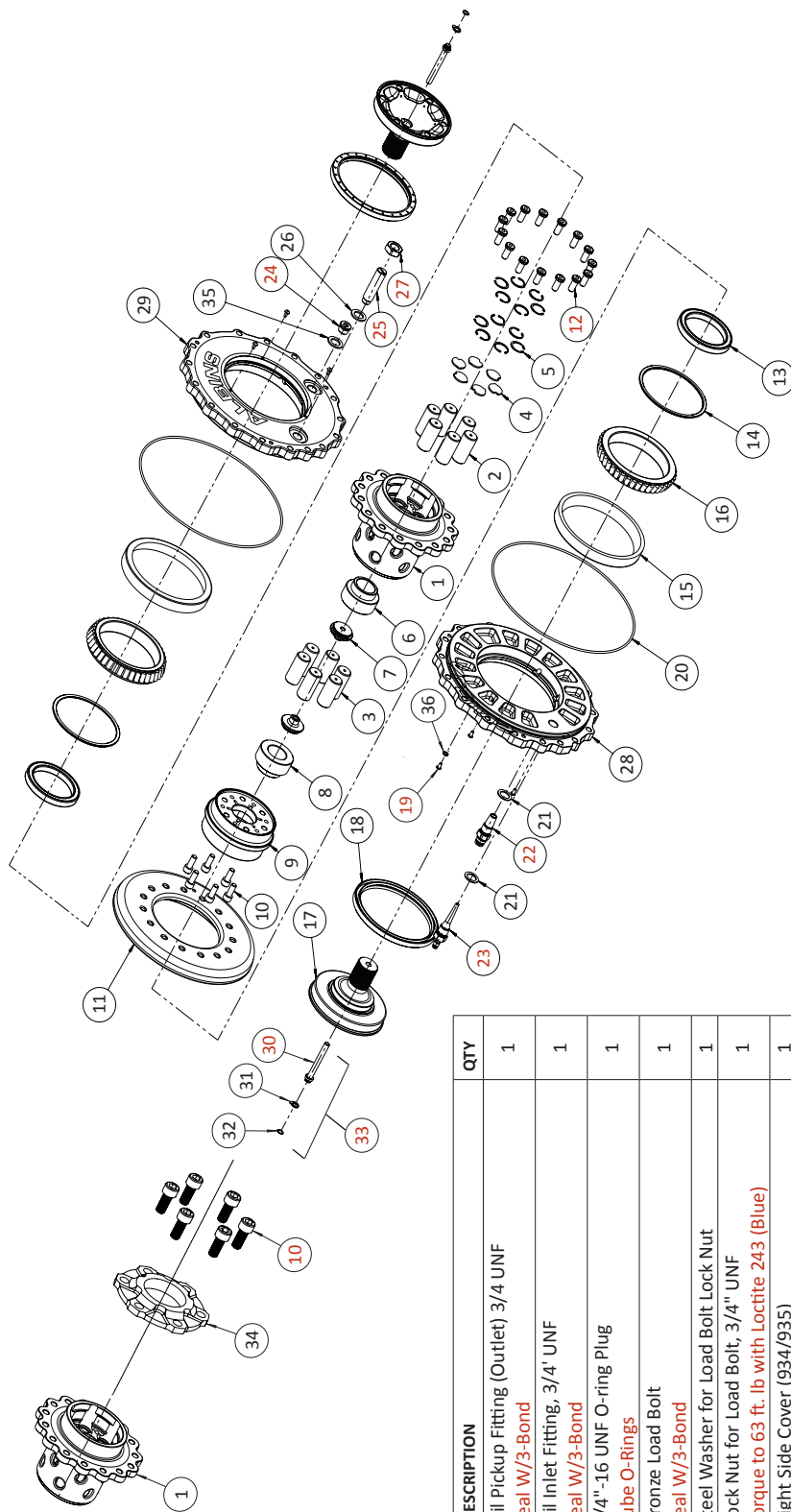
AGN10-04229



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Drawing No: AGB-EXP-DIFF-P934  
Drawing Name: Planetary Diff Assembly 934  
Drawn By: RX  
Revised: 10/9/25

# AGB PLANETARY DIFFERENTIAL ASSEMBLY (934/935)



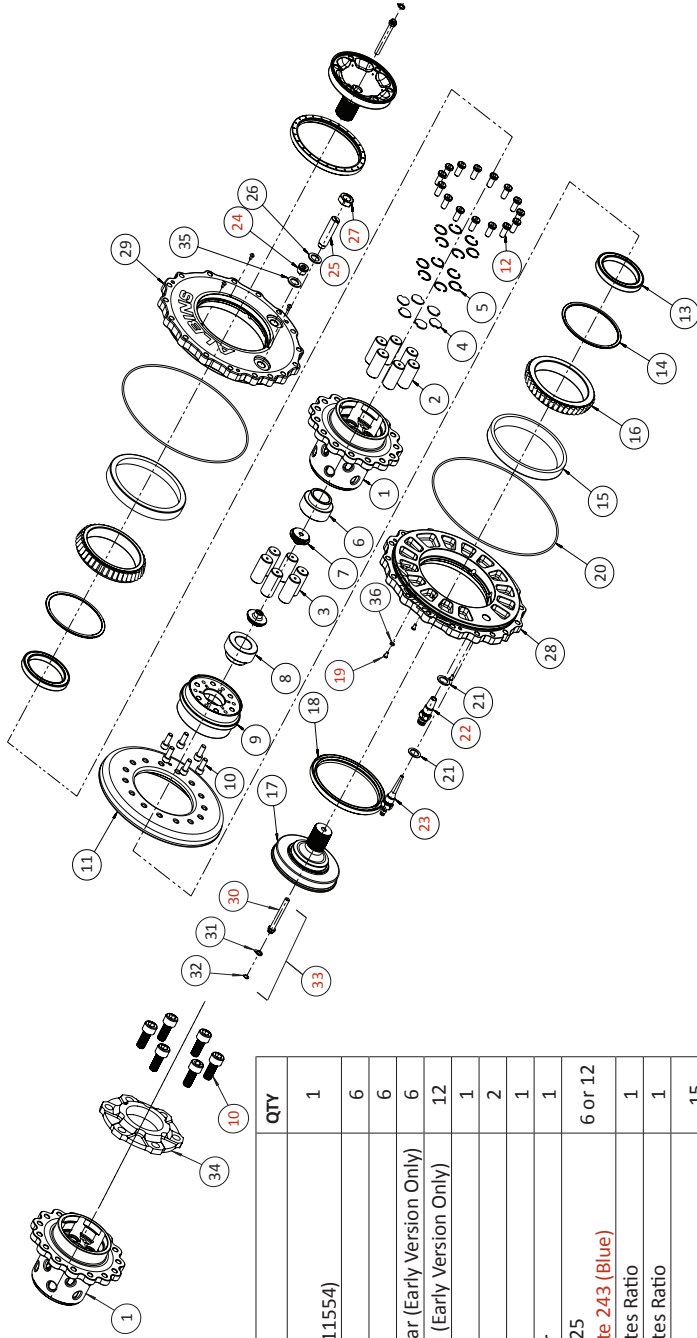
PAGE 2 OF 2

| ITEM | PART NO.      | DESCRIPTION                                                                                                                                           | QTY |
|------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| 22   | AGB-00341     | Oil Pickup Fitting (Outlet) 3/4 UNF<br><b>Seal W/3-Bond</b>                                                                                           | 1   |
| 23   | AGB-00340     | Oil Inlet Fitting, 3/4" UNF<br><b>Seal W/3-Bond</b>                                                                                                   | 1   |
| 24   | AGB-00109-A   | 3/4"-16 UNF O-ring Plug<br><b>Lube O-Rings</b>                                                                                                        | 1   |
| 25   | MD-945        | Bronze Load Bolt<br><b>Seal W/3-Bond</b>                                                                                                              | 1   |
| 26   | AGB-00197     | Steel Washer for Load Bolt Lock Nut                                                                                                                   | 1   |
| 27   | H-JN3416      | Lock Nut for Load Bolt, 3/4" UNF<br><b>Torque to 63 ft. lb with Loctite 243 (Blue)</b>                                                                | 1   |
| 28   | AGB-00103     | Right Side Cover (934/935)                                                                                                                            | 1   |
| (28) | AGB-04230     | Right Side Cover, AGB10, (934/935)                                                                                                                    | 1   |
| 29   | AGB-00102     | Left Side Cover (934/935)                                                                                                                             | 1   |
| (29) | AGB-04229     | Left Side Cover, AGB10, (934/935)                                                                                                                     | 1   |
| 30   | H-BM10X80SH   | Drive Flange Retaining Bolt Early Flange, No Lock Tab<br><b>Torque to 63 ft. lb with Loctite 243 (Blue)</b>                                           | 2   |
| (30) | AGB-00142-B-3 | Drive Flange Retaining Bolt For Locking Assembly<br><b>Torque to 63 ft. lb with Loctite 243 (Blue)</b>                                                | 2   |
| 31   | AGB-00142-B-2 | Replacement Locking Retainer                                                                                                                          | 2   |
| 32   | AGB-00142-B-1 | Replacement Circlip                                                                                                                                   | 2   |
| 33   | AGB-00142-B   | Drive Flange Retaining Bolt Kit, Includes Bolt, Retainer, and Clip<br>Late Flange with Lock Tab<br><b>Torque to 63 ft. lb with Loctite 243 (Blue)</b> | 2   |
| 34   | AGB-11554     | Diff Insert, Late Diff Housing, Replaces Thrust Washers and Snap Rings                                                                                | 1   |
| 35   | H-OR34        | Replacement O-ring For AGB-00109A                                                                                                                     | 1   |
| 36   | H-WM5         | 5mm Flat Washer                                                                                                                                       | 6   |

|                   |                                                                                                                                                                                                                                       |                                                                                                                |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| AGB 10" S.Covers: | <br><b>WEDDLE INDUSTRIES</b><br>7200 Hollister Ave, Suite C<br>Goleta, CA 93117<br>Ph 805-562-8600 • Fax 805-562-8661<br>info@weddleindustries.com | Drawing No: AGB-EXP-DIFF-P934<br>Drawing Name: Planetary Diff Assembly 934<br>Drawn By: RX<br>Revised: 1/16/24 |
| AGB10-04230       |                                                                                                                                                                                                                                       |                                                                                                                |
| AGN10-04229       |                                                                                                                                                                                                                                       |                                                                                                                |



# AGB 11.5" PLANETARY DIFFERENTIAL ASSEMBLY (SERIES 30)



| ITEM | PART NO.        | DESCRIPTION                                                                            | QTY     |
|------|-----------------|----------------------------------------------------------------------------------------|---------|
| 1    | AGB-00124-A     | Planetary Diff Carrier<br>Late Version Use with (AGB-11554)                            | 1       |
| 2    | AGB-00263       | Planet Gear, RH Helix                                                                  | 6       |
| 3    | AGB-00264       | Planet Gear, LH Helix                                                                  | 6       |
| 4    | AGB-00266       | Thrust Washer for Planet Gear (Early Version Only)                                     | 6       |
| 5    | AGB-00265       | Circlip (2 Per Thrust Washer) (Early Version Only)                                     | 12      |
| 6    | AGB-00262       | Sun Gear, LH Helix                                                                     | 1       |
| 7    | AGB-00141-A     | Drive Flange Retaining Nut                                                             | 2       |
| 8    | AGB-00261       | Sun Gear, RH Helix                                                                     | 1       |
| 9    | AGB-00125-A     | Cap for Planetary Diff Carrier                                                         | 1       |
| 10   | H-BM10x25SH     | Socket Head Cap Bolt, M10x25<br><b>Torque to 70 ft. lb with Loctite 243 (Blue)</b>     | 6 or 12 |
| 11   | AGB-RP5-###     | R&P Set, 5-Speed, ### Denotes Ratio                                                    | 1       |
| (11) | AGB-RP6-###     | R&P Set, 6-Speed, ### Denotes Ratio                                                    | 1       |
| 12   | H-B716201000XHD | Ring Gear Bolt<br><b>Torque to 95 ft. lb with Loctite 272 (Red)</b>                    | 15      |
| 13   | AGB-00116       | Drive Flange Support Bearing                                                           | 2       |
| 14   | AGB-00140-###   | Diff Shim, ### Denotes Thickness                                                       | 2       |
| 15   | AGB-00114-A-CP  | Diff Carrier Bearing Cup (Series 30)                                                   | 2       |
| 16   | AGB-00114-CN    | Diff Carrier Bearing Cone                                                              | 2       |
| 17   | AGB-00115-B     | Drive Flange, (Series 30)                                                              | 2       |
| 18   | AGB-00108-A     | Drive Flange Seal, (Series 30)                                                         | 2       |
| 19   | H-BM5X12BH      | Seal Retaining Screw<br><b>Install with Loctite 243 (Blue)</b>                         | 6       |
| 20   | AGB-00104       | Side Cover O-Ring                                                                      | 2       |
| 21   | W-WM19-SEAL     | Sealing Washer                                                                         | 2       |
| 22   | AGB-00341       | Oil Pickup Fitting (Outlet) 3/4 UNF<br><b>Seal W/3-Bond</b>                            | 1       |
| 23   | AGB-00340       | Oil Inlet Fitting, 3/4" UNF<br><b>Seal W/3-Bond</b>                                    | 1       |
| 24   | AGB-00109-A     | 3/4"-16 UNF O-ring Plug<br><b>Lube O-Ring</b>                                          | 1       |
| 25   | MD-945          | Bronze Load Bolt<br><b>Seal W/3-Bond</b>                                               | 1       |
| 26   | AGB-00197       | Steel Washer for Load Bolt Lock Nut                                                    | 1       |
| 27   | H-JN3416        | Lock Nut for Load Bolt, 3/4" UNF<br><b>Torque to 63 ft. lb with Loctite 243 (Blue)</b> | 1       |

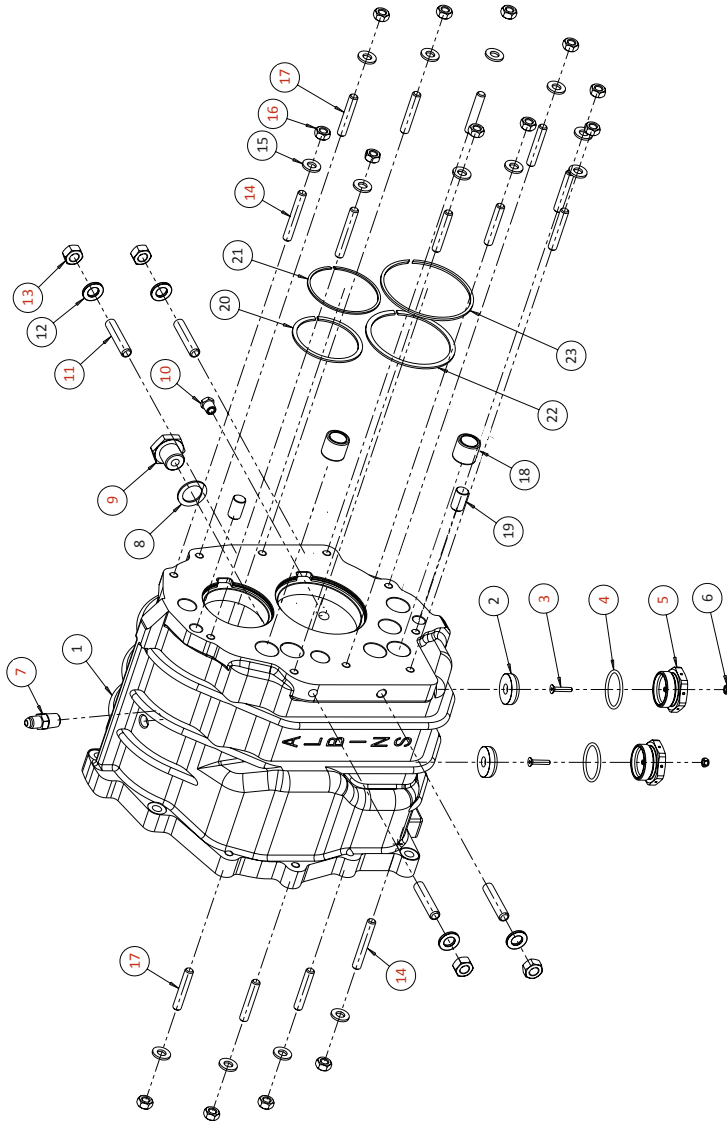
| ITEM | PART NO.      | DESCRIPTION                                                                                                                               | QTY |
|------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------|-----|
| 28   | AGB-00103-A   | Right Side Cover (Series 30)                                                                                                              | 1   |
| 29   | AGB-00102-A   | Left Side Cover (Series 30)                                                                                                               | 1   |
| 30   | H-BM10X80SH   | Drive Flange Retaining Bolt (Early Flange, No Tab)<br><b>Torque to 63 ft. lb with Loctite 272 (Red)</b>                                   | 2   |
| (30) | AGB-00142-B-3 | Drive Flange Retaining Bolt for Locking Assembly<br><b>Torque to 63 ft. lb with Loctite 272 (Red)</b>                                     | 2   |
| 31   | AGB-00142-B-2 | Replacement Locking Retainer                                                                                                              | 2   |
| 32   | AGB-00142-B-1 | Replacement Circlip                                                                                                                       | 2   |
| 33   | AGB-00142-B   | Drive Flange Retaining Bolt Kit, Includes Bolt, Retainer, and Clip. Late Flange Only<br><b>Torque to 63 ft. lb with Loctite 272 (Red)</b> | 2   |
| 34   | AGB-11554     | Diff Insert, Late Diff Housing, Replaces Thrust Washers and Snap Rings                                                                    | 1   |
| 35   | H-OR34        | Replacement O-ring For AGB-00109A                                                                                                         | 1   |
| 36   | H-WM5         | 5mm Flat Washer                                                                                                                           | 6   |



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Drawing No: AGB-EXP-DIFF-PS30  
Drawing Name: S30 Planetary Diff Assembly  
Drawn By: RX  
Revised: 10/9/2025

# AGB LOW-SHIFT GEAR HOUSING ASSEMBLY



| ITEM | PART NO.      | DESCRIPTION                                                                                                 | QTY |
|------|---------------|-------------------------------------------------------------------------------------------------------------|-----|
| 1    | AGB-00145     | Gear Housing Low Shift                                                                                      | 1   |
| 2    | AGB-05637     | Magnet (SEE NOTE 1)                                                                                         | 2   |
| 3    | H-BM4X20FSH   | Bolt, M4X20 Flat Head (SEE NOTE 1)<br>Seal W/3-Bond                                                         | 2   |
| 4    | AGB-05544     | O-Ring<br>Lube O-Rings                                                                                      | 2   |
| 5    | AGB-05543     | Inspection Plug/Magnet Holder.<br>Safety Wire Plugs Together<br>Torque to 60 ft. lb with Loctite 243 (Blue) | 2   |
| 6    | H-NLM4        | Nyloc Nut, M4X0.7 (SEE NOTE 1)                                                                              | 2   |
| 7    | H-AN414NPT    | Oil Inlet Fitting, AN4 X 1/4"NPT<br>Seal W/3-Bond                                                           | 1   |
| 8    | H-WM19-SEAL   | Sealing Washer                                                                                              | 1   |
| 9    | H-PLUG-34UNFH | Oil Fill Plug, 3/4-16<br>Torque to 40 ft. lb with Loctite 243 (Blue)                                        | 1   |
| 10   | H-PLUG-18PH   | Brass Plug, 1/8"NPT<br>Torque to 22 ft. lb with 3-Bond Sealant                                              | 1   |
| 11   | H-SM10X45     | Stud, M10X1.5X45<br>Install with Loctite 272 (Red)                                                          | 4   |
| 12   | H-WM10        | Flat Washer, 10mm                                                                                           | 4   |
| 13   | H-NM10        | Hex Nut, M10X1.5 (16mm Hex)<br>Torque to 40 ft. lb with Loctite 243 (Blue)                                  | 4   |
| 14   | H-SM8X55      | Stud, M8X1.25X55<br>Install with Loctite 272 (Red)                                                          | 3   |
| 15   | H-WM8-17      | Flat Washer, 8mm                                                                                            | 14  |
| 16   | H-NM8         | Hex Nut, M8X1.25<br>Torque to 18 ft. lb with Loctite 243 (Blue)                                             | 14  |
| 17   | H-SM8X46      | Stud, M8X1.25X46<br>Install with Loctite 272 (Red)                                                          | 11  |
| 18   | AGB-00160     | Linear Motion Bearing, 16X22X20                                                                             | 2   |
| 19   | H-DM12X20     | Dowel, 12mm X 20mm Long                                                                                     | 2   |
| 20   | AGB-00174     | Circlip for MS Brg (On O.D. of Bearing)                                                                     | 1   |
| 21   | AGB-00173     | Circlip for MS Brg (On I.D. of Housing)                                                                     | 1   |
| 22   | AGB-00172     | Circlip for Pinion Brg (On O.D. of Bearing)                                                                 | 1   |
| 23   | AGB-00171     | Circlip for Pinion Brg (In I.D. of Housing)                                                                 | 1   |

Note 1: Early model AGB Transaxles use a single larger magnet with M5 Mounting Hardware.

- Early Style Magnet: AGB-05637
- Retaining Bolt: Part #H-BMSX25FSH
- Nut for Retaining Bolt: Part #H-NLM5



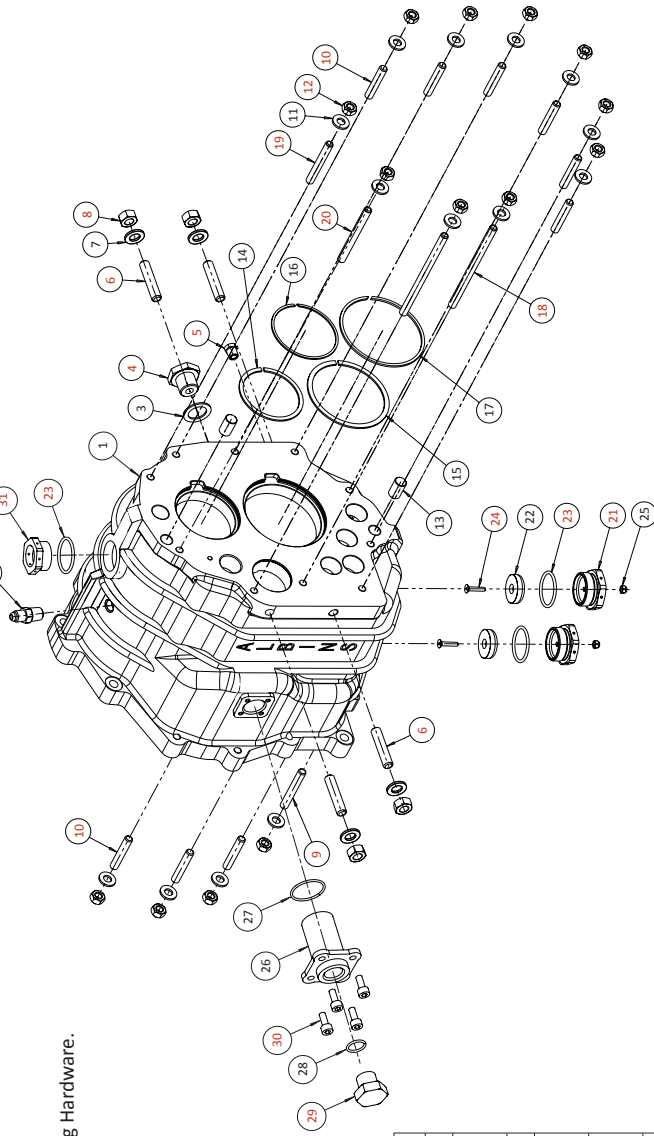
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Drawing No: AGB-EXP-GH-LOW  
Drawing Name: Low Shift Gear Housing Assembly  
Drawn By: RX  
Revised: 4/5/2023

# AGB SEQUENTIAL GEAR HOUSING ASSEMBLY (5-SPEED)

Note 1: Early model AGB Transaxles use a single larger magnet with M5 Mounting Hardware.

- Early Style Magnet: AGB-05637- Will need to make hole 5mm
- Retaining Bolt: Part #H-BM5X25FSH
- Nut for Retaining Bolt: Part #H-NLM5



| ITEM | PART NO.      | DESCRIPTION                                                                                                           | QTY |
|------|---------------|-----------------------------------------------------------------------------------------------------------------------|-----|
| 1    | AGB-00370     | Gear Housing Sequential                                                                                               | 1   |
| 2    | H-AN414NPT    | Oil Inlet Fitting, AN4X1/4"NPT<br>Seal W/3-Bond                                                                       | 1   |
| 3    | H-WM19-SEAL   | Sealing Washer                                                                                                        | 1   |
| 4    | H-PLUG-34UNFH | Oil Fill Plug, 3/4-16<br>Torque to 50 ft. lb with Loctite 243 (Blue)                                                  | 1   |
| 5    | H-PLUG-18PH   | Brass Plug, 1/8"NPT<br>Torque to 22 ft. lb with 3-Bond Sealant                                                        | 1   |
| 6    | H-SM10X45     | Stud, M10X1.5X45<br>Install with Loctite 272 (Red)                                                                    | 4   |
| 7    | H-WM10        | Flat Washer, 10mm                                                                                                     | 4   |
| 8    | H-NM10        | Hex Nut, M10X1.5 (16mm Hex)<br>Torque to 40 ft. lb with Loctite 243 (Blue)                                            | 4   |
| 9    | H-SM8X55      | Stud, M8X1.25X55<br>Install with Loctite 272 (Red)                                                                    | 1   |
| 10   | H-SM8X46      | Stud, M8X1.25X46<br>Install with Loctite 272 (Red)                                                                    | 9   |
| 11   | H-WM8-17      | Flat Washer, 8mm                                                                                                      | 14  |
| 12   | H-NM8         | Hex Nut, M8X1.25<br>Torque to 18 ft. lb with Loctite 243 (Blue)                                                       | 14  |
| 13   | H-DM12X20     | Dowel, 12mm X 20mm Long                                                                                               | 2   |
| 14   | AGB-00174     | Circlip for MS Brg (On O.D. of Bearing)                                                                               | 1   |
| 15   | AGB-00172     | Circlip for Pinion Brg (On O.D. of Bearing)                                                                           | 1   |
| 16   | AGB-00173     | Circlip for MS Brg (In I.D. of Housing)                                                                               | 1   |
| 17   | AGB-00171     | Circlip for Pinion Brg (In I.D. of Housing)                                                                           | 1   |
| 18   | H-SM8X123     | Stud, M8X1.25X123<br>Install with Loctite 272 (Red)                                                                   | 2   |
| 19   | H-SM8X62      | Stud, M8X1.25X62<br>Install with Loctite 272 (Red)                                                                    | 1   |
| 20   | H-SM8X95      | Stud, M8X1.25X95<br>Install with Loctite 272 (Red)                                                                    | 1   |
| 21   | AGB-05543     | Inspection Plug/ Magnet Holder (1-5/16"-16)<br>Lube Threads and O-Ring<br>Torque to 60 ft. lb with Loctite 243 (Blue) | 2   |

| ITEM | PART NO.    | DESCRIPTION                                                                   | QTY |
|------|-------------|-------------------------------------------------------------------------------|-----|
| 22   | AGB-05637   | Magnet (SEE NOTE 1)                                                           | 2   |
| 23   | AGB-05544   | O-Ring<br>Lube O-Rings                                                        | 2   |
| 24   | H-BM4X20FSH | Bolt, M4X20 Flat Head (SEE NOTE 1)<br>Seal W/3-Bond                           | 2   |
| 25   | H-NLM4      | Nyloc Nut, M4X0.7 (SEE NOTE 1)                                                | 2   |
| 26   | AGB-13584   | Housing for Side Mount Reverse Lockout Plunger                                | 1   |
| 27   | AGB-13606   | O-Ring                                                                        | 1   |
| 28   | ST6-24611   | Viton O-Ring                                                                  | 1   |
| 29   | AGB-13604   | Threaded Plug<br>Torque to 40 ft. lb with Loctite 243 (Blue)                  | 1   |
| 30   | H-BM5X12SH  | M5X12 Socket Head Cap Bolt<br>Torque to 60 in. lb with Loctite 243 (Blue)     | 4   |
| 31   | AGB-14293   | Fill Plug, Top of Gear Housing<br>Torque to 60 ft. lb with Loctite 243 (Blue) | 1   |

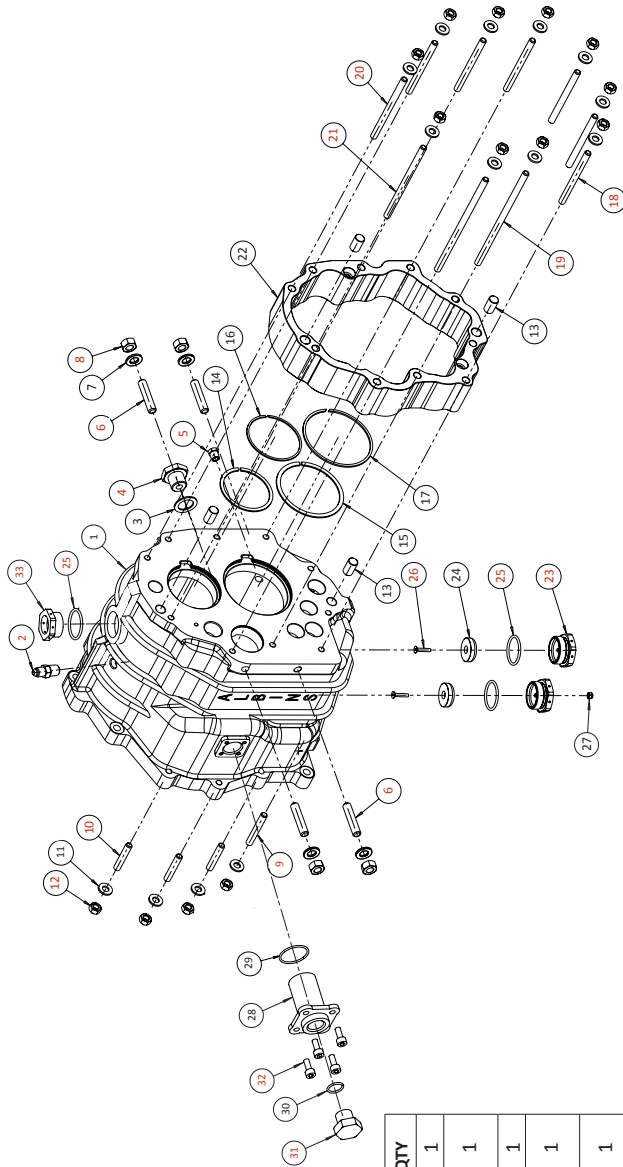


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Drawing No: AGB-EXP-GH-SEQ-5  
Drawing Name: Sequential GH Assy, 5-spd  
Drawn By: RX  
Revised: 4/12/2023

# AGB SEQUENTIAL GEAR HOUSING ASSEMBLY (6-SPEED)

Note 1: Early model AGB Transaxles use a single larger magnet with M5 Mounting Hardware.  
 - Early Style Magnet: AGB-05367 - Will need to make hole 5mm  
 - Retaining Bolt: Part #H-BM5X25FSH  
 - Nut for Retaining Bolt: Part #H-NLM5



| ITEM | PART NO.      | DESCRIPTION                                                                | QTY |
|------|---------------|----------------------------------------------------------------------------|-----|
| 1    | AGB-00370     | Gear Housing                                                               | 1   |
| 2    | H-AN414NPT    | Oil Inlet Fitting, AN4X1/4"NPT<br>Seal W/3-Bond                            | 1   |
| 3    | H-WM19-SEAL   | Sealing Washer                                                             | 1   |
| 4    | H-PLUG-34UNFH | Oil Fill Plug, 3/4-16<br>Torque to 50 ft. lb with Loctite 243 (Blue)       | 1   |
| 5    | H-PLUG-18PH   | Brass Plug, 1/8"NPT<br>Torque to 22 ft. lb with 3-Bond Sealant             | 1   |
| 6    | H-SM10X45     | Stud, M10X1.5X45<br>Install with Loctite 272 (Red)                         | 4   |
| 7    | H-WM10        | Flat Washer, 10mm                                                          | 4   |
| 8    | H-NM10        | Hex Nut, M10X1.5 (16mm Hex)<br>Torque to 40 ft. lb with Loctite 243 (Blue) | 4   |
| 9    | H-SM8X55      | Stud, M8X1.25X55<br>Install with Loctite 272 (Red)                         | 1   |
| 10   | H-SM8X46      | Stud, M8X1.25X46<br>Install with Loctite 272 (Red)                         | 3   |
| 11   | H-WM8-17      | Flat Washer, 8mm                                                           | 14  |
| 12   | H-NM8         | Hex Nut, M8X1.25<br>Torque to 18 ft. lb with Loctite 243 (Blue)            | 14  |
| 13   | H-DM12X20     | Dowel, 12mm X 20mm Long                                                    | 4   |
| 14   | AGB-00174     | Circlip for MS Brg (On O.D. of Bearing)                                    | 1   |
| 15   | AGB-00172     | Circlip for Pinion Brg (On O.D. of Bearing)                                | 1   |
| 16   | AGB-00173     | Circlip for MS Brg (In I.D. of Housing)                                    | 1   |
| 17   | AGB-00171     | Circlip for Pinion Brg (In I.D. of Housing)                                | 1   |
| 18   | H-SM8X95      | Stud, M8X1.25X95<br>Install with Loctite 272 (Red)                         | 6   |
| 19   | H-SM8X173     | Stud, M8X1.25X173<br>Install with Loctite 272 (Red)                        | 2   |
| 20   | H-SM8X111     | Stud, M8X1.25X111<br>Install with Loctite 272 (Red)                        | 1   |
| 21   | H-SM8X132     | Stud, M8X1.25X132<br>Install with Loctite 272 (Red)                        | 1   |

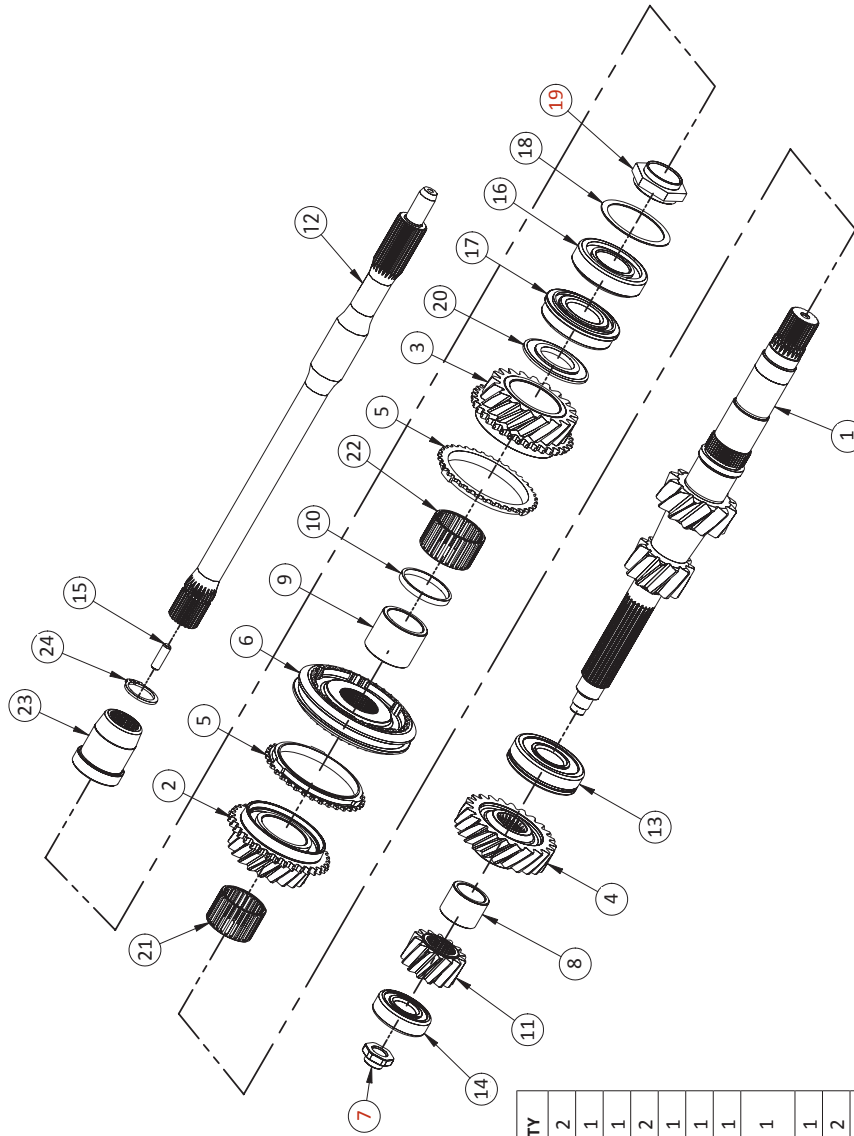
| ITEM | PART NO.    | DESCRIPTION                                                                                                | QTY |
|------|-------------|------------------------------------------------------------------------------------------------------------|-----|
| 22   | AGB-00353   | Nosecone Spacer, 6-Speed Only                                                                              | 1   |
| 23   | AGB-05543   | Inspection Plug/ Magnet Holder (1-5/16"-16)<br>Lube Threads<br>Torque to 60 ft. lb with Loctite 243 (Blue) | 2   |
| 24   | AGB-05637   | Magnet (SEE NOTE 1)                                                                                        | 2   |
| 25   | AGB-05544   | O-Ring<br>Lube O-Rings                                                                                     | 2   |
| 26   | H-BM4X20FSH | Bolt, M4X20 Flat Head (SEE NOTE 1)<br>Seal W/3-Bond                                                        | 2   |
| 27   | H-NLM4      | Nyloc Nut, M4X0.7 (SEE NOTE 1)                                                                             | 2   |
| 28   | AGB-13584   | Housing for Side Mount Reverse Lockout Plunger                                                             | 1   |
| 29   | AGB-13606   | O-Ring                                                                                                     | 1   |
| 30   | ST6-24611   | Viton O-Ring                                                                                               | 1   |
| 31   | AGB-13604   | Threaded Plug<br>Torque to 40 ft. lb with Loctite 243 (Blue)                                               | 1   |
| 32   | H-BM5X12SH  | M5X12 Socket Head Cap Bolt<br>Torque to 60 in. lb with Loctite 243 (Blue)                                  | 4   |
| 33   | AGB-14293   | Fill Plug, Top of Gear Housing<br>Torque to 60 ft. lb with Loctite 243 (Blue)                              | 1   |



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Drawing No: AGB-EXP-GH-SEQ-6  
 Drawing Name: Sequential GH Assy, 6-spd  
 Drawn By: RX  
 Revised: 4/12/2023

# AGB SYNCHROMESH MAINSHAFT ASSEMBLY 23-SPLINE INPUT



| ITEM | PART NO.         | DESCRIPTION                                                                         | QTY |
|------|------------------|-------------------------------------------------------------------------------------|-----|
| 1    | Obsolete         | Mainshaft (23-Spline Input), No Longer Available                                    | 2   |
| 2    | AG1-###          | 3rd Gear, ### Denotes Ratio                                                         | 1   |
| 3    | AG1-###          | 4th Gear, ### Denotes Ratio                                                         | 1   |
| 4    | AG1-###S-5       | 5th Gear, ### Denotes Ratio                                                         | 2   |
| 5    | AGB-02571        | Synchronizer Ring (Brass)                                                           | 1   |
| (5)  | AGB-02571-5      | Synchronizer Ring (Steel)                                                           | 1   |
| 6    | AG50.34SA        | 3rd-4th Slider Assembly                                                             | 1   |
| 7    | AGB-05759        | Lock Nut, M14X1.5<br><b>Torque to 200 ft. lbs with Loctite 272 (Red)</b>            | 1   |
| 8    | AGB-16648        | 5th-Rev Spacer Sleeve, 25X32X24                                                     | 1   |
| 9    | AGB-01840        | Bearing Race, 32X40X32.2                                                            | 2   |
| 10   | AGB-01439        | Bearing Spacer, 40.5X44X4.9                                                         | 1   |
| 11   | AGB-16656        | Reverse Gear                                                                        | 1   |
| 12   | AGB-000143-B     | Input Shaft, 23-Spline                                                              | 1   |
| 13   | AGB-00249        | Roller Bearing, 25X62X17                                                            | 1   |
| 14   | Obsolete         | Roller Bearing, 20X47X14, No Longer Available                                       | 1   |
| 15   | N-902-210-01     | Input Shaft Connecting Stud                                                         | 1   |
| 16   | AGB-00232        | Tapered Roller Brg, 30X62X17                                                        | 1   |
| 17   | AGB-00233-CN-MOD | Flanged Tapered Brg, 30X62X17                                                       | 1   |
| (17) | AGB-00233-CP     | Flanged Tapered Brg, 30X62X17                                                       | 1   |
| 18   | AGB-00234-###    | Preload Shim, 51X61.7X###, ### Denotes Thickness                                    | 1   |
| 19   | AGB-00238        | Lock Nut W/Shoulder, M30X1.5<br><b>Torque to 200 ft. lbs with Loctite 272 (Red)</b> | 1   |
| 20   | AGB-00235        | Thrust Washer, 30X58X3.9                                                            | 1   |
| 21   | 4-354027S        | Split Caged Needle Brg, 35X40X27                                                    | 1   |
| 22   | 4-404527         | Needle Bearing, 20X45X27                                                            | 1   |
| 23   | Obsolete         | 23-Spline Input Coupler, No Longer Available                                        | 1   |
| 24   | Obsolete         | Input Shaft Circlip, No Longer Available                                            | 1   |

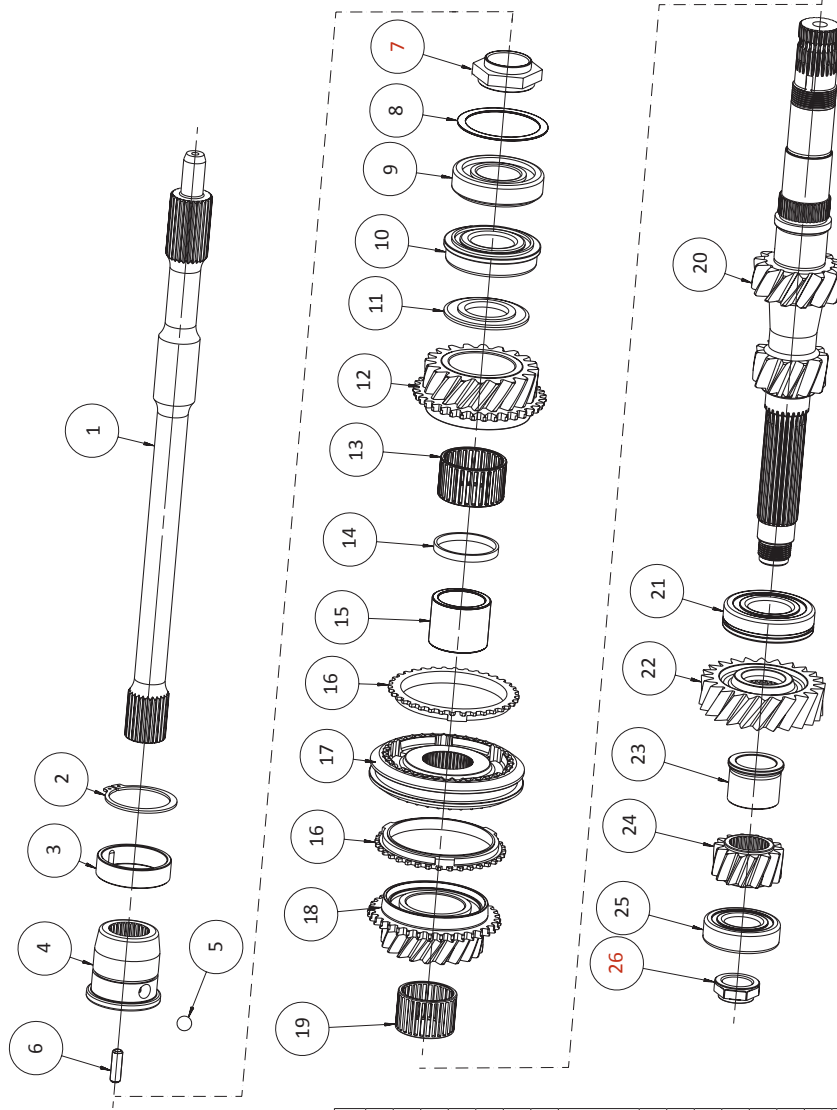


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Drawing No: AGB-EXP-MS-SYNCH-23  
Drawing Name: Synchro Main Shaft Assembly, 23  
Drawn By: RX  
Revised: 4/7/2025



# AGB SYNCHROMESH MAINSHAFT ASSEMBLY 26-SPLINE INPUT



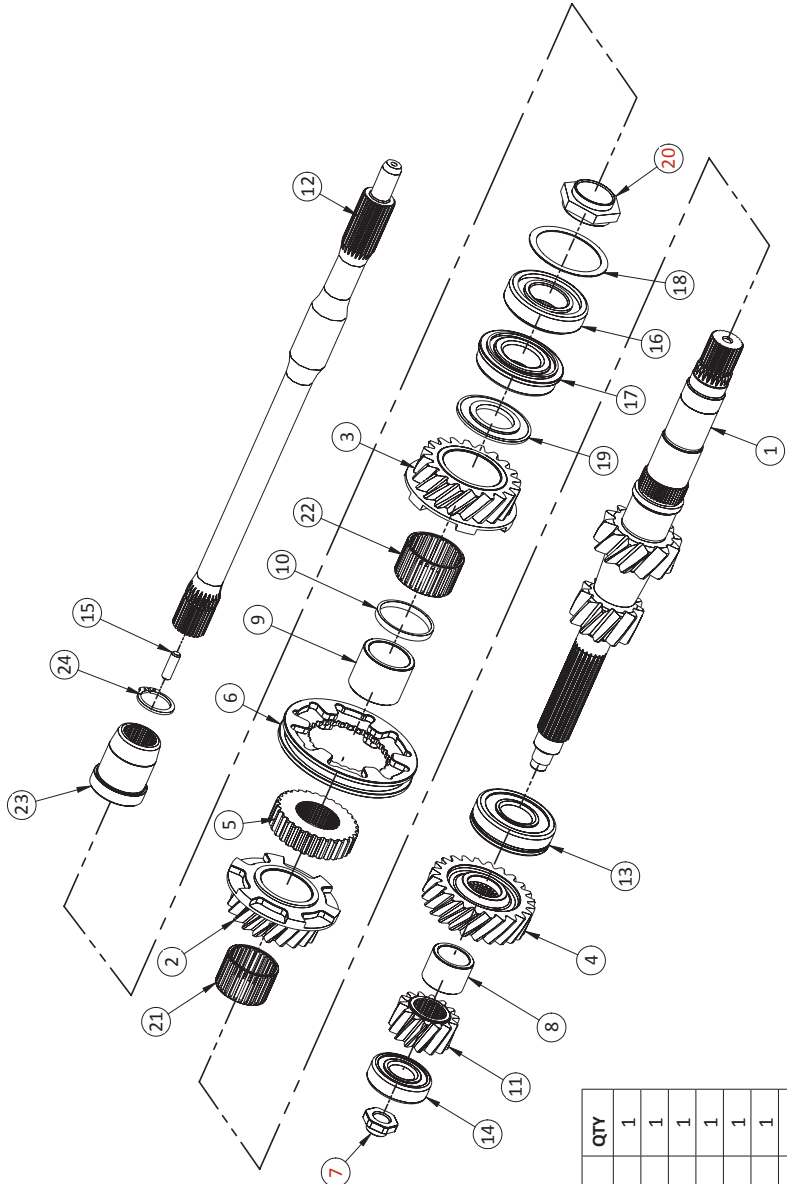
| ITEM | PART NO.         | DESCRIPTION                                                                                                     | QTY |
|------|------------------|-----------------------------------------------------------------------------------------------------------------|-----|
| 1    | AGB-00143-B      | Input Shaft, 26-Spline                                                                                          | 1   |
| (1)  | AGB-00143-C      | Input Shaft, 26 Spline, 12.7mm Longer                                                                           | 1   |
| 2    | AGB-00257        | Circlip                                                                                                         | 1   |
| 3    | AGB-00258        | Ball Retaining Sleeve                                                                                           | 1   |
| 4    | AGB-00344        | Input Coupler                                                                                                   | 1   |
| 5    | H-BALL-M10       | Ball, 10mm                                                                                                      | 1   |
| 6    | N-902-210-01     | Input Shaft Connecting Stud                                                                                     | 1   |
| 7    | AGB-00238        | Lock Nut w/Shoulder, M30X1.5<br>Peen Collar in Two Places<br><b>Torque to 200 ft. lb with Loctite 272 (Red)</b> | 1   |
| 8    | AGB-00234-###    | Preload Shim, ### Denotes Thickness                                                                             | 1   |
| 9    | AGB-00232        | Tapered Roller Brg, Cup and Cone                                                                                | 1   |
| 10   | AGB-00233-CN-MOD | Flanged Tapered Brg, Cone Only                                                                                  | 1   |
| 10   | AGB-00233-CP     | Flanged Tapered Brg, Flanged Cup Only                                                                           | 1   |
| 11   | AGB-00235        | Thrust Washer, 30X58X3.9                                                                                        | 1   |
| 12   | AG1-####         | 4th Gear, Idler, ### Denotes Ratio                                                                              | 1   |
| 13   | 4-404527         | Needle Bearing, 40X45X27                                                                                        | 1   |
| 14   | AGB-01439        | Bearing Spacer, 40.5X44X4.9                                                                                     | 1   |
| 15   | AGB-01840        | Bearing Race, 32X40X32.2                                                                                        | 1   |
| 16   | AGB-02571        | Synchronizer Ring (Brass)                                                                                       | 2   |
| (16) | AGB-02571-S      | 3-4/5-R Synchronizer Ring (Steel)                                                                               | 2   |
| 17   | AGB-02574        | 3-4/5-R Slider Assembly                                                                                         | 1   |
| 18   | AG1-####         | 3rd Gear, Idler, ### Denotes Ratio                                                                              | 1   |
| 19   | 4-3540275        | Split Caged Needle Brg, 35X40X27                                                                                | 1   |
| 20   | AG1-M5-#####     | Mainshaft, ##### Denotes Ratio                                                                                  | 1   |
| 21   | AGB-00251        | Roller Bearing, 30X62X16                                                                                        | 1   |
| 22   | AG1-###S-5       | 5th Gear, Splined, ### Denotes Ratio                                                                            | 1   |
| 23   | AGB-00345        | Spacer Sleeve, 27.7X35X28.15                                                                                    | 1   |
| 24   | AGB-01423        | Reverse Gear                                                                                                    | 1   |
| 25   | AGB-00249        | Roller Bearing, 25X52X15                                                                                        | 1   |
| 26   | AGB-00252        | Lock Nut, M22X1.5<br>Peen Collar in Two Places<br><b>Torque to 200 ft. lbs with Loctite 272 (Red)</b>           | 1   |



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Drawing No: AGB-EXP-MS-SYNCH-26  
Drawing Name: Synchro Main Shaft Assembly, 26  
Drawn By: RX  
Revised: 10/24/2024

# AGB GEN 1 DOGCHANGE MAINSHAFT ASSEMBLY 23-SPLINE INPUT



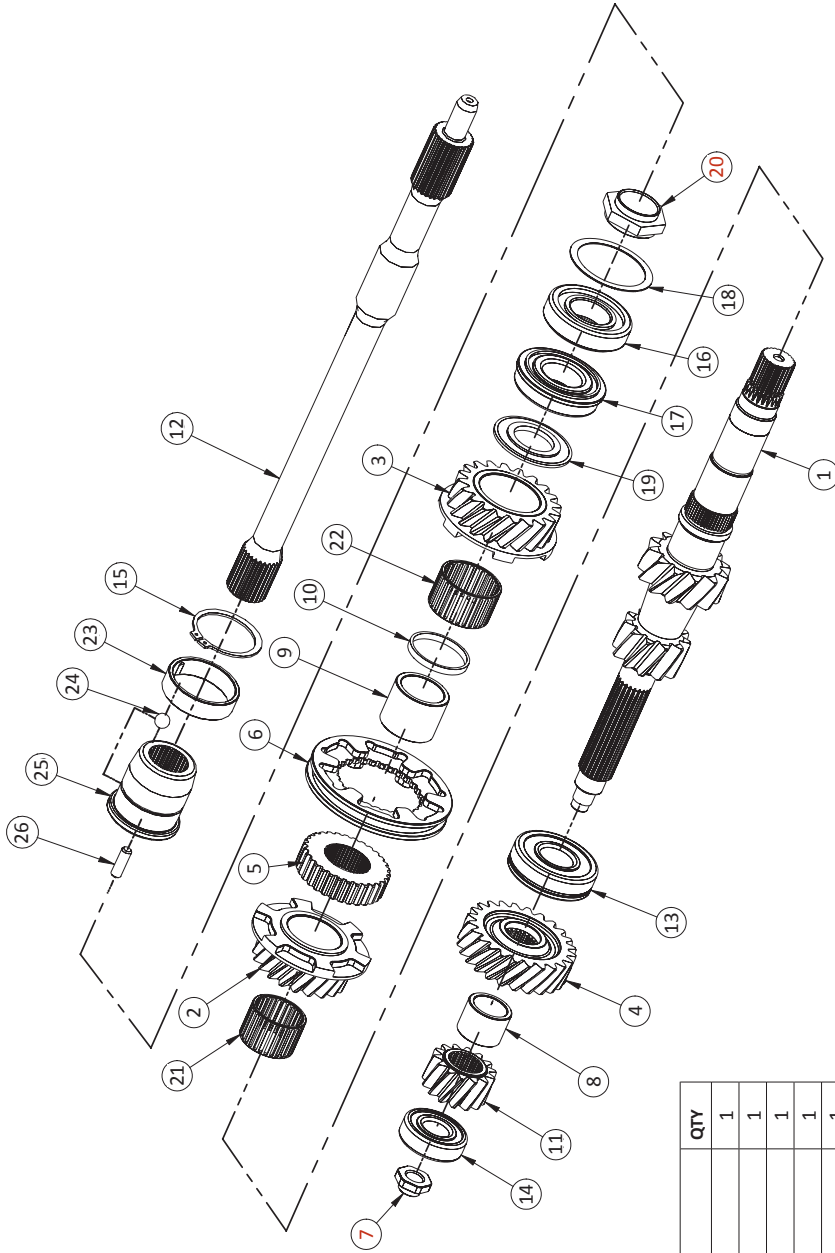
| ITEM | PART NO.         | DESCRIPTION                                                                         | QTY |
|------|------------------|-------------------------------------------------------------------------------------|-----|
| 1    | Obsolete         | Mainshaft (23-Spline Input), No Longer Available                                    | 1   |
| 2    | AG1-###D         | 3rd Gear, ### Denotes Ratio                                                         | 1   |
| 3    | AG1-###D         | 4th Gear, ### Denotes Ratio                                                         | 1   |
| 4    | AG2-###S-5       | 5th Gear, ### Denotes Ratio                                                         | 1   |
| 5    | AGB-01310        | 3-4/5-R Slider Hub                                                                  | 1   |
| 6    | AGB-01307        | 3-4/5-R Slider                                                                      | 1   |
| 7    | AGB-05759        | Lock Nut, M14X1.5<br><b>Torque to 105 ft. lbs with Loctite 272 (Red)</b>            | 1   |
| 8    | AGB-16648        | 5th-Rev Spacer Sleeve                                                               | 1   |
| 9    | AGB-01840        | Bearing Race, 32X40X32.2                                                            | 1   |
| 10   | AGB-01439        | Bearing Spacer, 40.5X44X4.9                                                         | 1   |
| 11   | AGB-16656        | Reverse Gear                                                                        | 1   |
| 12   | AGB-00143-B      | Input Shaft, 23-Spline                                                              | 1   |
| 13   | AGB-00249        | Roller Bearing, 25X62X17                                                            | 1   |
| 14   | Obsolete         | Roller Bearing, 20X47X14, No Longer Available                                       | 1   |
| 15   | N-902-210-01     | Input Shaft Connecting Stud                                                         | 1   |
| 16   | AGB-00232        | Tapered Roller Bearing, 30X62X17                                                    | 1   |
| 17   | AGB-00233-CN-MOD | Flanged Tapered Bearing, 30X62X17                                                   | 1   |
| 17   | AGB-00233-CP     | Flanged Tapered Bearing, 30X62X17                                                   | 1   |
| 18   | AGB-00234-###    | Preload Shim, 51X61.7X###, ### Denotes Thickness                                    | 1   |
| 19   | AGB-00235-A      | Thrust Washer, 30X58X3.5                                                            | 1   |
| 20   | AGB-00238        | Lock Nut W/Shoulder, M30X1.5<br><b>Torque to 200 ft. lbs with Loctite 272 (Red)</b> | 1   |
| 21   | 4-354027S        | Split Caged Needle Bearing, 35X40X27                                                | 1   |
| 22   | 4-404527         | Needle Bearing, 40X45X27                                                            | 1   |
| 23   | Obsolete         | 23-Spline Input Coupler, No Longer Available                                        | 1   |
| 24   | Obsolete         | Input Shaft Circlip, No Longer Available                                            | 1   |



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Drawing No: AGB-EXP-MS-DC1-23  
Drawing Name: Gen 1 DC Mainshaft Assembly, 23  
Drawn By: RX  
Revised: 4/7/2025

# AGB GEN 1 DOGCHANGE MAINSHAFT ASSEMBLY 26-SPLINE INPUT



| ITEM | PART NO.         | DESCRIPTION                                                                                    | QTY |
|------|------------------|------------------------------------------------------------------------------------------------|-----|
| 1    | AG1-M5-318214D   | 3.18X2.14 Mainshaft (26-Spline Input)                                                          | 1   |
| 2    | AG1-####         | 3rd Gear, ### Denotes Ratio                                                                    | 1   |
| 3    | AG1-####         | 4th Gear, ### Denotes Ratio                                                                    | 1   |
| 4    | AG2-###S-5       | 5th Gear, ### Denotes Ratio                                                                    | 1   |
| 5    | AGB-01310        | 3-4/5-R Slider Hub                                                                             | 1   |
| 6    | AGB-01307        | 3-4/5-R Slider                                                                                 | 1   |
| 7    | AGB-00252        | Lock Nut, M22X1.5<br>Torque to 200 ft. lbs with Loctite 272 (Red)<br>Peen Collar in Two Places | 1   |
| 8    | AGB-00345        | 5th-Rev Spacer Sleeve                                                                          | 1   |
| 9    | AGB-01840        | Bearing Race, 32X40X32.2                                                                       | 1   |
| 10   | AGB-01439        | Bearing Spacer, 40.5X44X4.9                                                                    | 1   |
| 11   | AGB-01423        | Reverse Gear                                                                                   | 1   |
| 12   | AGB-00143-B      | Input Shaft, 26-Spline                                                                         | 1   |
| (12) | AGB-00143-C      | Input Shaft, 26-Spline, 12.7mm Longer                                                          | 1   |
| 13   | AGB-00251        | Roller Bearing, 30X62X16                                                                       | 1   |
| 14   | AGB-00249        | Roller Bearing, 25X52X15                                                                       | 1   |
| 15   | AGB-00257        | Circlip                                                                                        | 1   |
| 16   | AGB-00232        | Tapered Roller Bearing, 30X62X17, Cup and Cone                                                 | 1   |
| 17   | AGB-00233-CN-MOD | Flanged Tapered Bearing, 30X62X17, Cone Only                                                   | 1   |
| 17   | AGB-00233-CP     | Flanged Tapered Bearing, 30X62X17, Flanged Cup Only                                            | 1   |
| 18   | AGB-00234-###    | Preload Shim, 51X61.7X###, ### Denotes Thickness                                               | 1   |
| 19   | AGB-00235-A      | Thrust Washer, 30X58X3.5                                                                       | 1   |

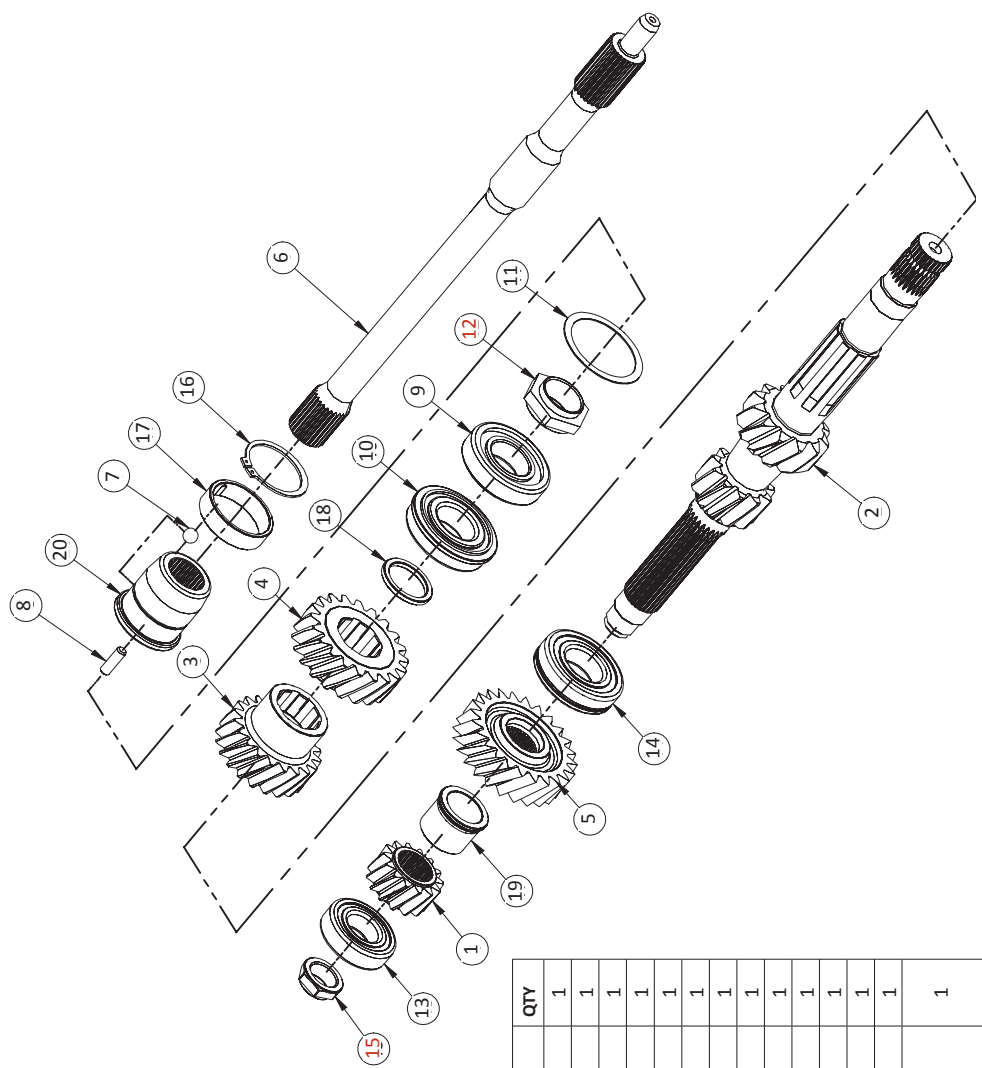
| ITEM | PART NO.   | DESCRIPTION                                                                                               | QTY |
|------|------------|-----------------------------------------------------------------------------------------------------------|-----|
| 20   | AGB-00238  | Lock Nut W/Shoulder, M30X1.5<br>Torque to 200 ft. lbs with Loctite 272 (Red)<br>Peen Collar in Two Places | 1   |
| 21   | 4-354027S  | Split Caged Needle Bearing, 35X40X27                                                                      | 1   |
| 22   | 4-404527   | Needle Bearing, 40X45X27                                                                                  | 1   |
| 23   | AGB-00258  | Ball Retaining Sleeve                                                                                     | 1   |
| 24   | H-BALL-M10 | Ball, 10mm                                                                                                | 1   |
| 25   | AGB-00344  | Input Coupler                                                                                             | 1   |



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Drawing No: AGB-EXP-MS-DC1-26  
Drawing Name: Gen 1 DC Main Shaft Assembly, 26  
Drawn By: RX  
Revised: 4/21/23

AGB GEN 2 MAINSHAFT ASSEMBLY (5-SPEED)



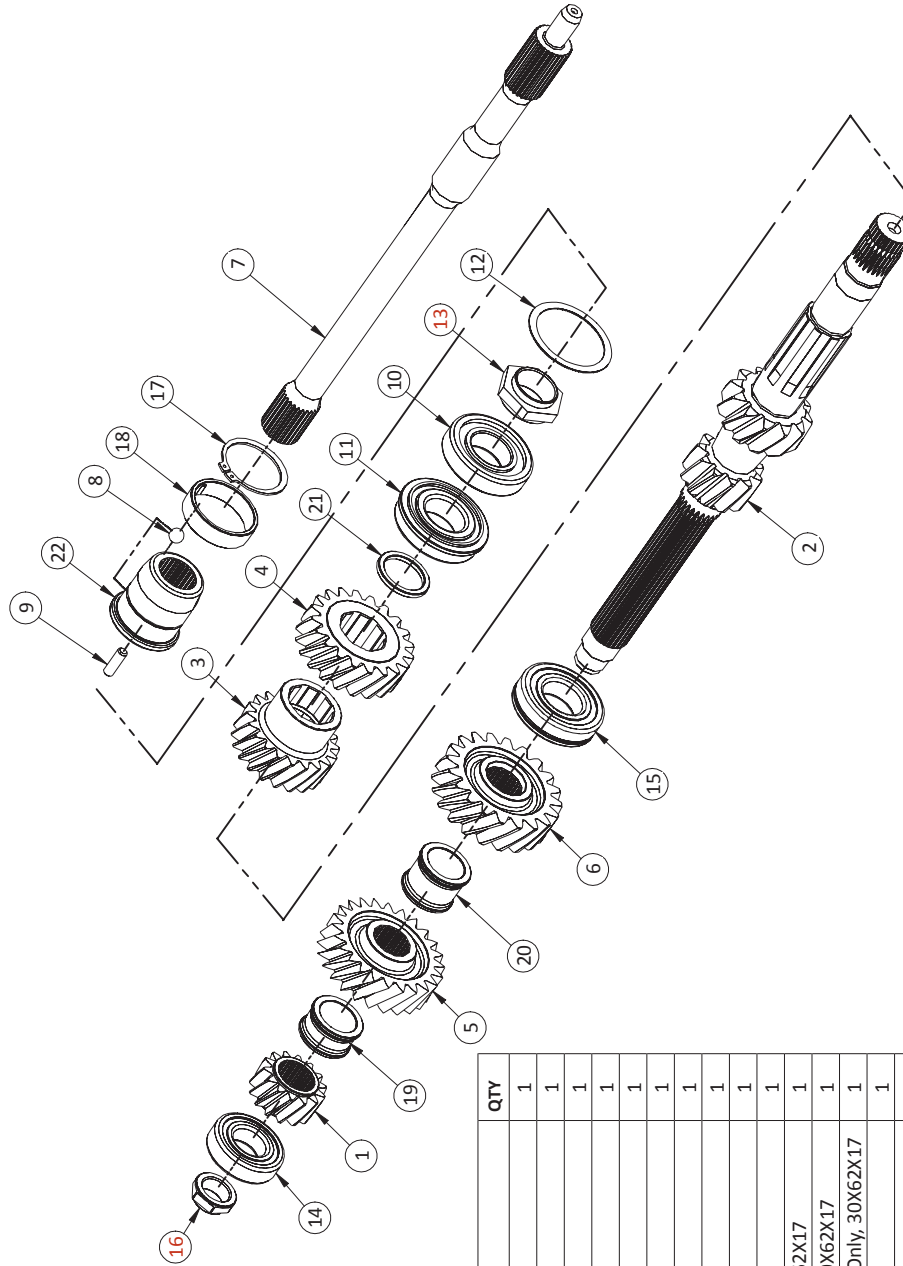
| ITEM | PART NO.      | DESCRIPTION                                                                                               | QTY |
|------|---------------|-----------------------------------------------------------------------------------------------------------|-----|
| 1    | AGB-01423     | Reverse Gear                                                                                              | 1   |
| 2    | AG2-M5-#####  | Mainshaft, ##### Denotes Ratio                                                                            | 1   |
| 3    | AG2-###S-3    | 3rd Gear Splined, ### Denotes Ratio                                                                       | 1   |
| 4    | AG2-###S-4    | 4th Gear Splined, ### Denotes Ratio                                                                       | 1   |
| 5    | AG2-###S-5    | 5th Gear Splined, ### Denotes Ratio                                                                       | 1   |
| 6    | AGB-00143-B   | Input Shaft, 26-Spline                                                                                    | 1   |
| (6)  | AGB-00143-C   | Input Shaft, 26-Spline, 12.7mm Longer                                                                     | 1   |
| 7    | H-BALL-M10    | Ball, 10mm                                                                                                | 1   |
| 8    | N-902-210-01  | Input Shaft Connecting Stud                                                                               | 1   |
| 9    | AGB-00232     | Tapered Roller Bearing, Cup and Cone                                                                      | 1   |
| 10   | AGB-00233-CN  | Flanged Tapered Bearing, Cone Only                                                                        | 1   |
| 10   | AGB-00233-CP  | Flanged Tapered Bearing, Flanged Cup Only                                                                 | 1   |
| 11   | AGB-00234-### | Preload Shim, ### Denotes Thickness                                                                       | 1   |
| 12   | AGB-00238     | Lock Nut W/Shoulder, M30X1.5<br>Torque to 200 ft. lbs with Loctite 272 (Red)<br>Peen Collar in Two Places | 1   |
| 13   | AGB-00249     | Roller Bearing, 25X52X15                                                                                  | 1   |
| 14   | AGB-00251     | Roller Bearing, 30X62X16                                                                                  | 1   |
| 15   | AGB-00252     | Lock Nut, M22X1.5<br>Torque to 200 ft. lbs with Loctite 272 (Red)<br>Peen Collar in Two Places            | 1   |
| 16   | AGB-00257     | Circlip                                                                                                   | 1   |
| 17   | AGB-00258     | Ball Retaining Sleeve                                                                                     | 1   |
| 18   | AGB-01302     | 4th Gear Spacer, 30X38.5X3.8                                                                              | 1   |
| 19   | AGB-00345     | 5th-Reverse, Spacer Sleeve, 27.7X35X28.15                                                                 | 1   |
| 20   | AGB-00344     | Input Coupler                                                                                             | 1   |



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Drawing No: AGB-EXP-MS-DC2-5  
Drawing Name: Gen 2 DC Main Shaft Assembly  
Drawn By: RX  
Revised: 4/17/23

# AGB GEN 2 MAINSHAFT ASSEMBLY (6-SPEED)



| ITEM | PART NO.      | DESCRIPTION                                                                                               | QTY |
|------|---------------|-----------------------------------------------------------------------------------------------------------|-----|
| 1    | AGB-01423     | Reverse Gear                                                                                              | 1   |
| 2    | AG2-M6-#####  | Mainshaft, ##### Denotes Ratio                                                                            | 1   |
| 3    | AG2-###S-3    | 3rd Gear, Splined, ### Denotes Ratio                                                                      | 1   |
| 4    | AG2-###S-4    | 4th Gear, Splined, ### Denotes Ratio                                                                      | 1   |
| 5    | AG2-###S-5    | 5th Gear, Splined, ### Denotes Ratio                                                                      | 1   |
| 6    | AG2-###S-5    | 6th Gear, Splined, ### Denotes Ratio                                                                      | 1   |
| 7    | AGB-00143-B   | Input Shaft, 26-Spline                                                                                    | 1   |
| (7)  | AGB-00143-C   | Input Shaft, 26-Spline, 12.7mm Longer                                                                     | 1   |
| 8    | H-BALL-M10    | Ball, 10mm                                                                                                | 1   |
| 9    | N-902-210-01  | Input Shaft Connecting Stud                                                                               | 1   |
| 10   | AGB-00232     | Tapered Roller Brg, Cup and Cone, 30X62X17                                                                | 1   |
| 11   | AGB-00233-CN  | Flanged Tapered Bearing, Cone Only, 30X62X17                                                              | 1   |
| 11   | AGB-00233-CP  | Flanged Tapered Bearing, Flanged Cup Only, 30X62X17                                                       | 1   |
| 12   | AGB-00234-### | Preload Shim, ### Denotes Thickness                                                                       | 1   |
| 13   | AGB-00238     | Lock Nut w/Shoulder, M30X1.5<br>Peen Collar in Two Places<br>Torque to 200 ft. lbs with Loctite 272 (Red) | 1   |
| 14   | AGB-00249     | Roller Bearing, 25X52X15                                                                                  | 1   |
| 15   | AGB-00251     | Roller Bearing, 30X62X16                                                                                  | 1   |
| 16   | AGB-00252     | Lock Nut, M22X1.5<br>Peen Collar in Two Places<br>Torque to 200 ft. lbs with Loctite 272 (Red)            | 1   |
| 17   | AGB-00257     | Circlip                                                                                                   | 1   |
| 18   | AGB-00258     | Ball Retaining Sleeve                                                                                     | 1   |
| 19   | AGB-00270     | Spacer Sleeve, 27.7X38X21.25                                                                              | 1   |
| 20   | AGB-00271     | Spacer Sleeve, 27.7X38X28.8                                                                               | 1   |
| 21   | AGB-01302     | Spacer Ring, 30X38.5X3.8                                                                                  | 1   |

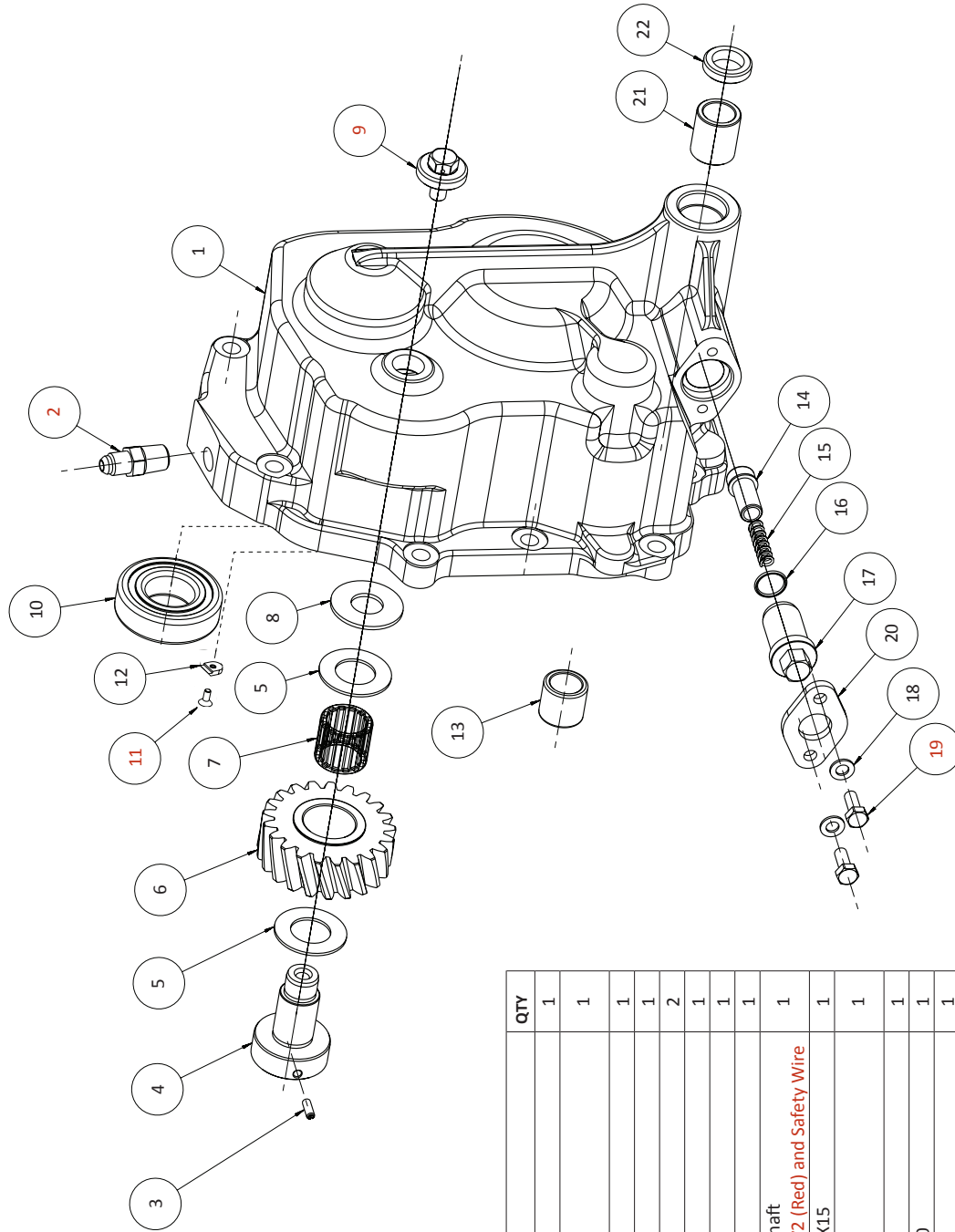


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Drawing No: AGB-EXP-MS-DC2-6  
Drawing Name: 6-Speed Gen 2 Main Shaft Assembly  
Drawn By: RX  
Revised: 4/17/23



# AGB LOW SHIFT NOSECONE ASSEMBLY



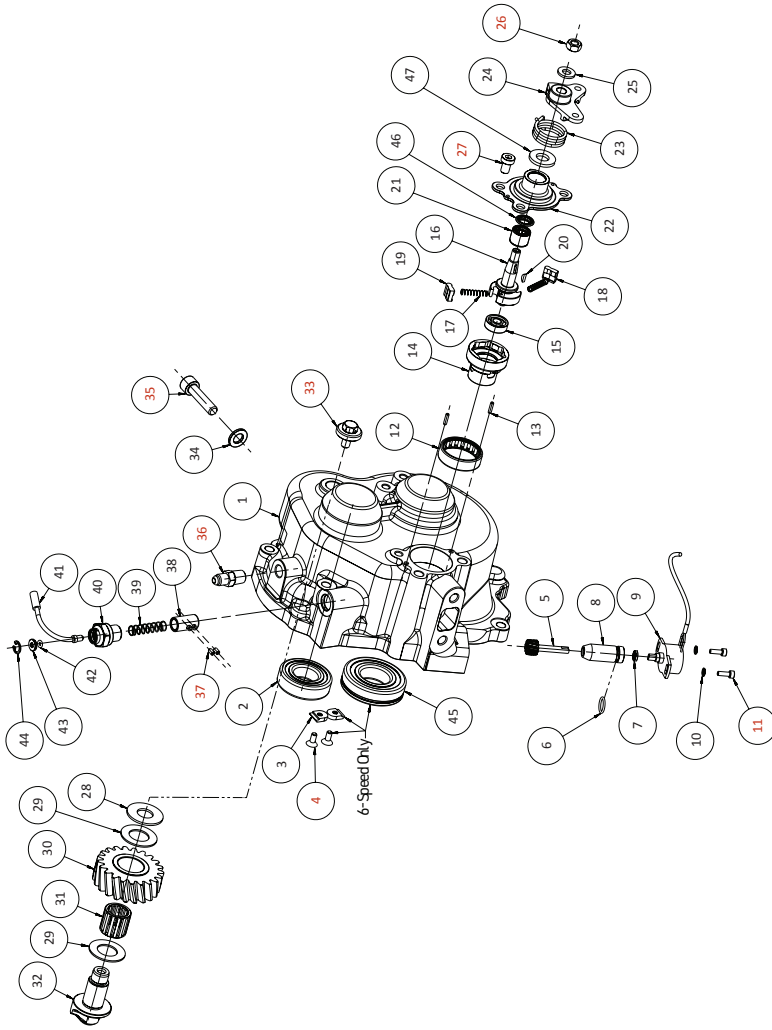
| ITEM | PART NO.    | DESCRIPTION                                                                                                 | QTY |
|------|-------------|-------------------------------------------------------------------------------------------------------------|-----|
| 1    | AGB-02248   | Nosecone, Low Shift                                                                                         | 1   |
| 2    | H-AN414NPT  | Oil Inlet Fitting, AN4 X 1/4" NPT<br><b>Seal w/3-Bond</b>                                                   | 1   |
| 3    | H-RP4X12    | Roll Pin, 4 X 12mm Long                                                                                     | 1   |
| 4    | AGB-00180   | Reverse Idler Shaft                                                                                         | 1   |
| 5    | AGB-00182   | Thrust Washer                                                                                               | 2   |
| 6    | AGB-01424   | Reverse Intermediate Idler Gear                                                                             | 1   |
| 7    | 4-202624    | Needle Roller Bearing, 20X26X24                                                                             | 1   |
| 8    | AGB-00183   | Sandwich Washer                                                                                             | 1   |
| 9    | AGB-00184   | Retaining Bolt for Reverse Idler Shaft<br><b>Torque to 26 ft. lb with Loctite 272 (Red) and Safety Wire</b> | 1   |
| 10   | AGB-00249   | Cylindrical Roller Bearing, 25X52X15                                                                        | 1   |
| 11   | H-BM5X12FSH | Bolt, M5X12 Flat Socket Head<br><b>Install with Loctite 243 (Blue)</b>                                      | 1   |
| 12   | AGB-03819   | Retaining Tab                                                                                               | 1   |
| 13   | AGB-00160   | Linear Motion Bearing, 16X22X20                                                                             | 1   |
| 14   | AGB-00187   | Detent Ball/Sleeve                                                                                          | 1   |
| 15   | AGB-00188   | Spring, 7.6 X 34mm Long                                                                                     | 1   |
| 16   | AGB-00194   | O-Ring, 14 X 1.5mm                                                                                          | 1   |
| 17   | AGB-00186   | Eccentric Body                                                                                              | 1   |
| 18   | H-WM6       | Flat Washer, 6mm                                                                                            | 2   |
| 19   | H-BM6X16H   | Hex Bolt, M6X1X16<br><b>Torque to 8 ft. lb with Loctite 243 (Blue)</b>                                      | 2   |
| 20   | AGB-00189   | Retaining Plate                                                                                             | 1   |
| 21   | AGB-00256   | Bronze Bushing, 16X22X25                                                                                    | 1   |
| 22   | AGB-00192   | Seal, 16X24X7                                                                                               | 1   |



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Drawing No: AGB-EXP-NC-LOW  
Drawing Name: Low Shift Nosecone Assembly  
Drawn By: RX  
Revised: 4/4/23

# AGB SEQUENTIAL NOSECONE ASSEMBLY



| ITEM | PART NO.      | DESCRIPTION                                                                                                                | QTY |
|------|---------------|----------------------------------------------------------------------------------------------------------------------------|-----|
| 1    | AGB-00352     | Nosecone, Sequential                                                                                                       | 1   |
| 2    | AGB-00249     | Cylindrical Roller Bearing, 25X52X15                                                                                       | 2   |
| 3    | AGB-03819     | Retaining Tab                                                                                                              | 1   |
| 4    | H-BM5X12FSH   | Bolt, M5X12 Flat Socket Head<br>Torque to 60 in. lb with Loctite 243 (Blue)                                                | 1   |
| 5    | AGB-00351     | Potentiometer Drive Gear                                                                                                   | 1   |
| 6    | AGB-00354     | O-Ring, 1/2" for Potentiometer Drive Sleeve                                                                                | 1   |
| 7    | AGB-03547     | Seal, For Potentiometer Shaft                                                                                              | 1   |
| 8    | AGB-00350     | Sleeve for Potentiometer Drive                                                                                             | 1   |
| 9    | AGB-03388     | Potentiometer                                                                                                              | 1   |
| 10   | H-WM4         | Flat Washer, 4mm                                                                                                           | 2   |
| 11   | H-BM4X12SH    | Socket Head Cap Bolt, M4X12<br>Torque to 36 in. lb with Loctite 243 (Blue)                                                 | 2   |
| 12   | AGB-03551     | Needle bearing for Shift Drum, 35X42X12                                                                                    | 1   |
| 13   | H-DM3X12      | M3X12 Dowel, 3mm                                                                                                           | 2   |
| 14   | AGB-00364     | Ratchet Outer                                                                                                              | 1   |
| 15   | 8-AGB5-03781  | Ball Bearing                                                                                                               | 1   |
| 16   | AGB-00366     | Ratchet Shaft                                                                                                              | 1   |
| 17   | AGB-03825     | Spring, for Ratchet Pawl                                                                                                   | 2   |
| 18   | AGB-00395     | Ratchet Pawl, Left Hand                                                                                                    | 1   |
| 19   | AGB-00365     | Ratchet Pawl, Right Hand                                                                                                   | 1   |
| 20   | AGB-03826     | Woodruff Key, 10X2.50mm                                                                                                    | 1   |
| 21   | AGB-03553     | Bearing for Ratchet Shaft, 12X18X14                                                                                        | 1   |
| 22   | AGB-00367     | Retaining Plate for Ratchet Assembly                                                                                       | 1   |
| 23   | AGB-00380     | Lever Return Spring                                                                                                        | 1   |
| 24   | AGB-00354     | Ratchet Lever Arm                                                                                                          | 1   |
| 25   | H-WM8-17      | Flat Washer, 8mm                                                                                                           | 1   |
| 26   | H-NM8         | Hex Nut, M8X1.25<br>Torque to 18 ft. lb with Loctite 243 (Blue)                                                            | 1   |
| 27   | H-BM8X12H     | Hex Bolt, M8X1.25X12<br>Torque to 18 ft. lb with Loctite 243 (Blue)                                                        | 1   |
| 28   | AGB-00183     | Reverse Idler Thrust Washer                                                                                                | 1   |
| 29   | AGB-00182     | Reverse Idler Thrust Washer                                                                                                | 2   |
| 30   | AGB-01424     | Reverse Intermediate Idler Gear                                                                                            | 1   |
| 31   | 4-202624      | Needle Roller Bearing, 20X26X24                                                                                            | 1   |
| 32   | AGB-00373     | Reverse Idler Shaft                                                                                                        | 1   |
| 33   | AGB-00184     | Retaining Bolt for Reverse Idler Shaft<br>Torque to 26 ft. lb with Loctite 272 (Red)<br>Safety Wire to H-BM10X35SH-D (#35) | 1   |
| 34   | H-WM10        | Flat Washer, 10mm                                                                                                          | 1   |
| 35   | H-BM10X35SH-D | Socket Head Bolt, M10X1.5X35, Drilled<br>Torque to 40 ft. lb with Loctite 272 (Red)<br>Safety Wire to AGB-00184 (#33)      | 1   |
| 36   | H-AN414NPT    | Oil Inlet Fitting, AN4 X 1/4" NPT<br>Seal W/3-Bond                                                                         | 1   |
| 37   | 8-AGB5-03797  | Grub Screw, M4X6<br>Install with Loctite 243 (Blue)                                                                        | 2   |
| 38   | AGB-00387     | Reverse Lockout Plunger                                                                                                    | 1   |
| 39   | AGB-07393     | Reverse Lockout Spring                                                                                                     | 1   |

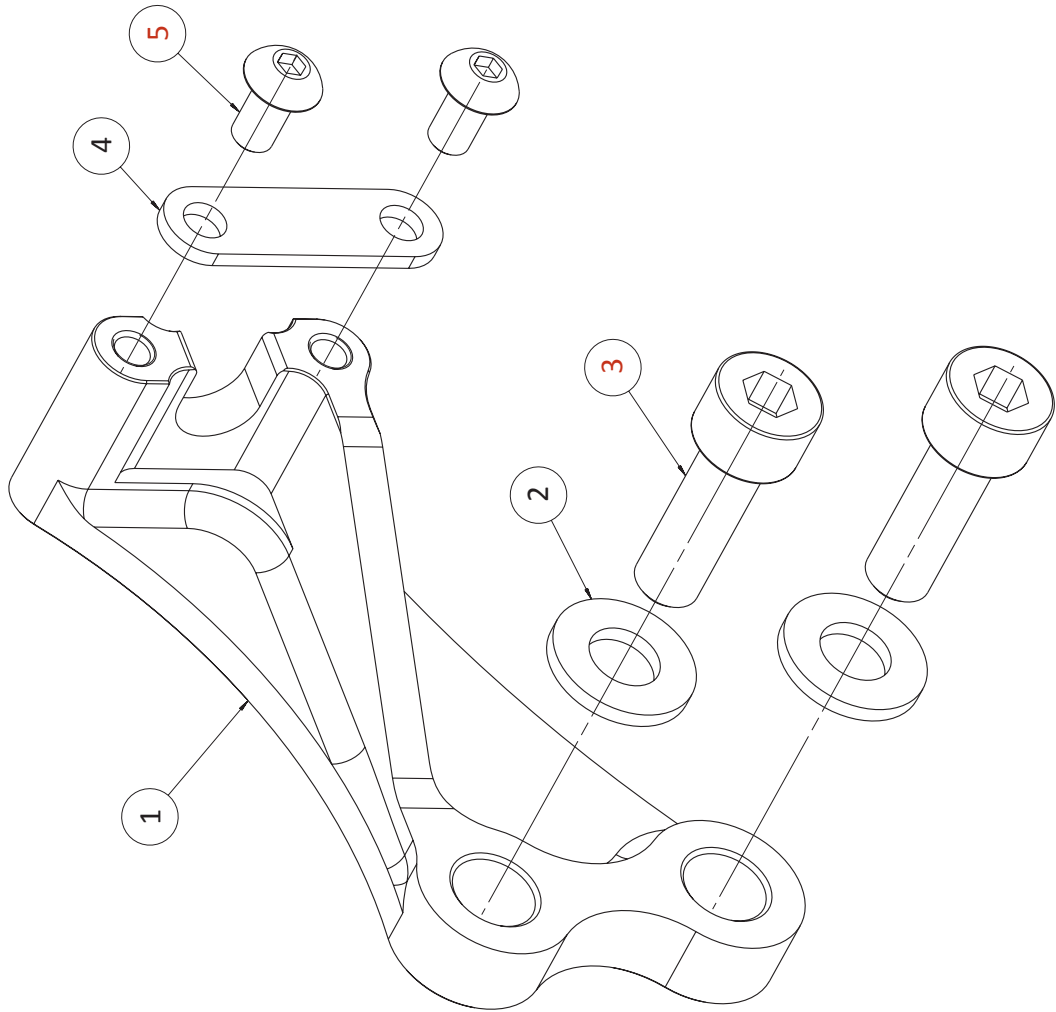
| ITEM | PART NO.  | DESCRIPTION                               | QTY |
|------|-----------|-------------------------------------------|-----|
| 40   | AGB-00388 | Spring Cap for Reverse Lockout Plunger    | 1   |
| 41   | AGB-03815 | 90° Cable Guide                           | 1   |
| 42   | AGB-03823 | O-Ring, 5/32" for Reverse Lockout Plunger | 1   |
| 43   | AGB-00394 | Washer, for Reverse Lockout Plunger       | 1   |
| 44   | AGB-03820 | Circlip for Reverse Lockout Plunger, 12mm | 1   |
| 45   | AGB-00250 | Roller Bearing, 30X62X16, 6-Speed Only    | 1   |
| 46   | AGB-05777 | Seal for Ratchet Shaft                    | 1   |
| 47   | AGB-10885 | Ratchet Lever Arm Spacer (1.0mm)          | 1   |
| (47) | AGB-10886 | Ratchet Lever Arm Spacer (1.5mm)          | 1   |



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Drawing No: AGB-EXP-NC-SEQ  
Drawing Name: Sequential Nosecone Assembly  
Drawn By: RX  
Revised: 4/5/23

STANDARD CABLE MOUNT ASSEMBLY FOR AGB SEQUENTIAL

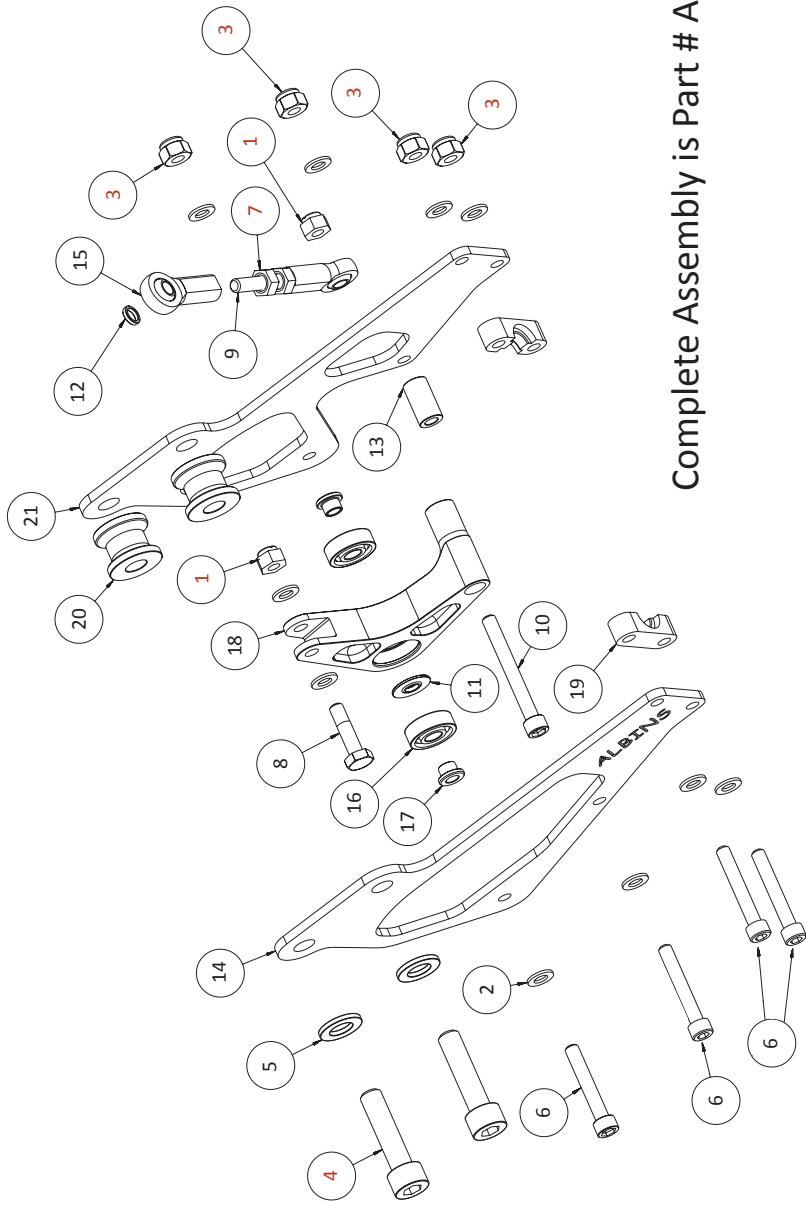


| ITEM | PART NO.    | DESCRIPTION                                                                    | QTY |
|------|-------------|--------------------------------------------------------------------------------|-----|
| 1    | AGB-03719   | Cable Mount Bracket                                                            | 1   |
| 2    | H-WM8-17    | 8mm Flat Washer                                                                | 2   |
| 3    | H-BM8X25SH  | M8X1.25X25 Socket Head Cap Bolt<br>Torque to 18 ft. lb with Loctite 243 (Blue) | 2   |
| 4    | AGB-03720   | Cable Mount Retainer Plate                                                     | 1   |
| 5    | H-BM5X12 BH | Button Head Screw, M5X0.8X10<br>Torque to 5 ft. lb with Loctite 243 (Blue)     | 2   |

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Drawing No: AGB-EXP-NC-SEQ-CM  
Drawing Name: Standard Cable Mount Assembly  
Drawn By: RX  
Revised: 10/9/25

# FRONT SHIFT CABLE MOUNT ASSEMBLY FOR AGB SEQUENTIAL



Complete Assembly is Part # AGB-04812

| ITEM | PART NO.       | DESCRIPTION                                                                       | QTY |
|------|----------------|-----------------------------------------------------------------------------------|-----|
| 1    | H-NL-1428      | 1/4-28 Nyloc Nut<br><b>Torque to 8 ft. lb with Loctite 243 (Blue)</b>             | 2   |
| 2    | H-WM6          | 6mm Flat Washer                                                                   | 10  |
| 3    | H-NLM6         | M6X Nyloc Nut<br><b>Torque to 8 ft. lb with Loctite 243 (Blue)</b>                | 4   |
| 4    | H-BM10X40SH    | M10X1.5X40 Socket Head Bolt<br><b>Torque to 40 ft. lb with Loctite 243 (Blue)</b> | 4   |
| 5    | H-WM10         | 10mm Flat Washer                                                                  | 2   |
| 6    | H-BM6X40SH     | M6X1X40 Socket Head Bolt                                                          | 4   |
| 7    | H-JH1428       | 1/4-28" Jam Nut<br><b>Install with Loctite 243 (Blue)</b>                         | 2   |
| 8    | H-B14281250HEX | 1/4-28X1.250" Hex Bolt                                                            | 1   |
| 9    | H-514282000    | 1/4-28X2" Connecting Stud for Rod Ends                                            | 1   |
| 10   | H-B14282125SH  | 1/4-28X2.125" Cap Bolt                                                            | 1   |
| 11   | 8-AGB5-04758   | Bearing Spacer                                                                    | 1   |
| 12   | 8-AGB5-04761   | Spacer Ring, 2mm Thick                                                            | 1   |
| 13   | 8-AGB5-04760   | Side Plate Spacer                                                                 | 1   |

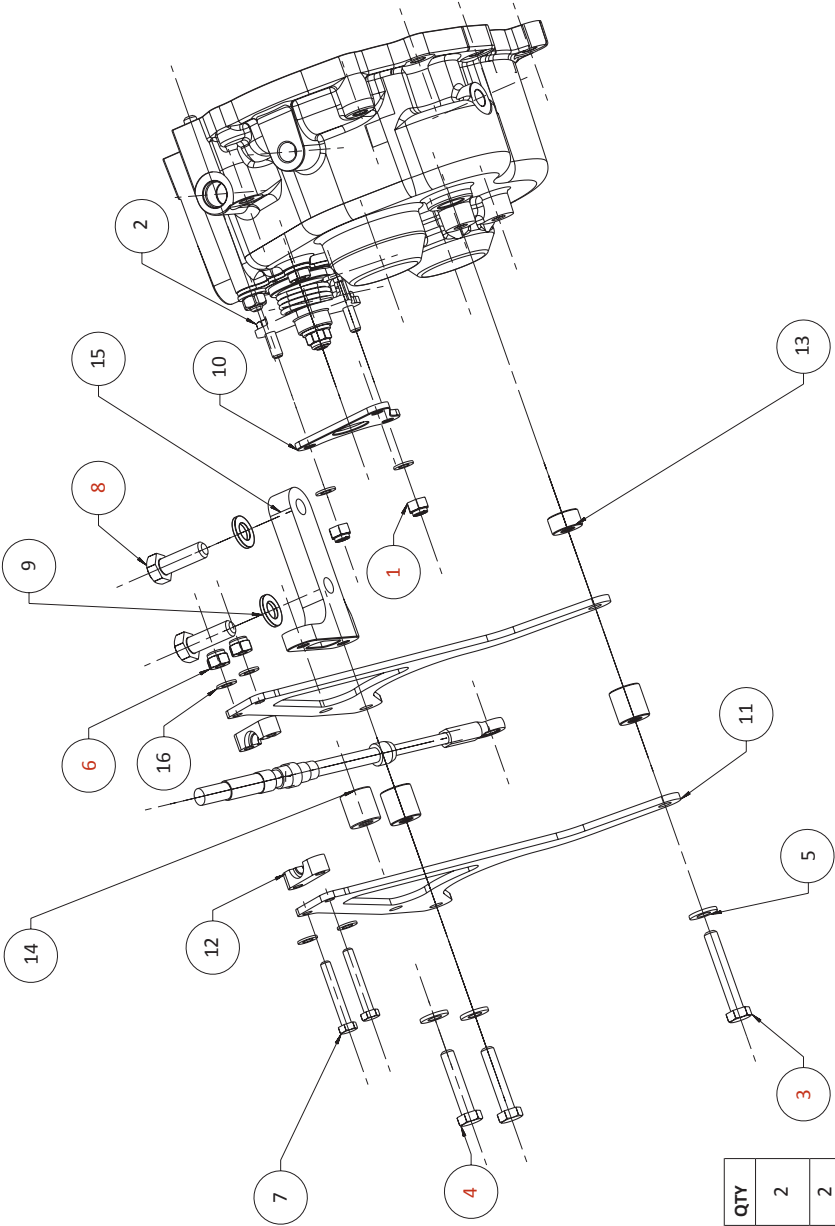
| ITEM | PART NO.     | DESCRIPTION                        | QTY |
|------|--------------|------------------------------------|-----|
| 14   | 8-AGB5-04755 | Outer Side Plate                   | 1   |
| 15   | 8-AGB5-03786 | 1/4" Female Rod End                | 2   |
| 16   | 8-AGB5-03781 | Sealed Roller Ball Bearing, 8X22X7 | 2   |
| 17   | 8-AGB5-03130 | Roller Bearing Ferule              | 2   |
| 18   | 8-AGB5-04757 | Front Shift Rocker                 | 1   |
| 19   | AGB-04544    | Cable Clamp                        | 2   |
| 20   | 8-AGB5-04759 | Side Plate Spacer                  | 2   |
| 21   | 8-AGB5-04756 | Inner Side Plate                   | 1   |



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Drawing No: AGB-EXP-NC-04182  
Part Name: Front Shift Cable Mount Assembly  
Drawn By: RX  
Revised: 4/12/23

VERTICAL CABLE MOUNT ASSEMBLY FOR AGB SEQUENTIAL



Complete Assembly is Part # AGB-04541

| ITEM | PART NO.      | DESCRIPTION                                                           | QTY |
|------|---------------|-----------------------------------------------------------------------|-----|
| 1    | H-NL1428      | 1/4-28 Nyloc Nut<br><b>Torque to 8 ft. lb with Loctite 243 (Blue)</b> | 2   |
| 2    | H-B1428750HEX | 1/4-28X3/4" Hex Bolt                                                  | 2   |
| 3    | H-BM8X50HEX   | M8X50 Hex Bolt<br><b>Torque to 18 ft. lb with Loctite 243 (Blue)</b>  | 1   |
| 4    | H-BM8X40HEX   | M8X40 Hex Bolt<br><b>Torque to 18 ft. lb with Loctite 243 (Blue)</b>  | 2   |
| 5    | H-WM8-17      | M8 Flat Washer                                                        | 3   |
| 6    | H-NLM6        | M6 Nyloc Nut<br><b>Torque to 8 ft. lb with Loctite 243 (Blue)</b>     | 2   |
| 7    | H-BM6X40HEX   | M6X40 Hex Bolt                                                        | 2   |
| 8    | H-BM10X30HEX  | M10X30 Hex Bolt<br><b>Torque to 40 ft. lb with Loctite 243 (Blue)</b> | 2   |
| 9    | H-WM10        | M10 Flat Washer                                                       | 2   |
| 10   | 8-AGB5-04548  | Lever Adapter Plate                                                   | 1   |
| 11   | 8-AGB5-04543  | Side Plate                                                            | 2   |
| 12   | AGB-04544     | Cable Clamp                                                           | 2   |
| 13   | 8-AGB5-04546  | Spacer, 10mm                                                          | 1   |
| 14   | 8-AGB5-04545  | Spacer, 20mm                                                          | 3   |
| 15   | 8-AGB5-04542  | Mount Bracket                                                         | 1   |
| 16   | H-WM6         | M6 Flat Washer                                                        | 6   |

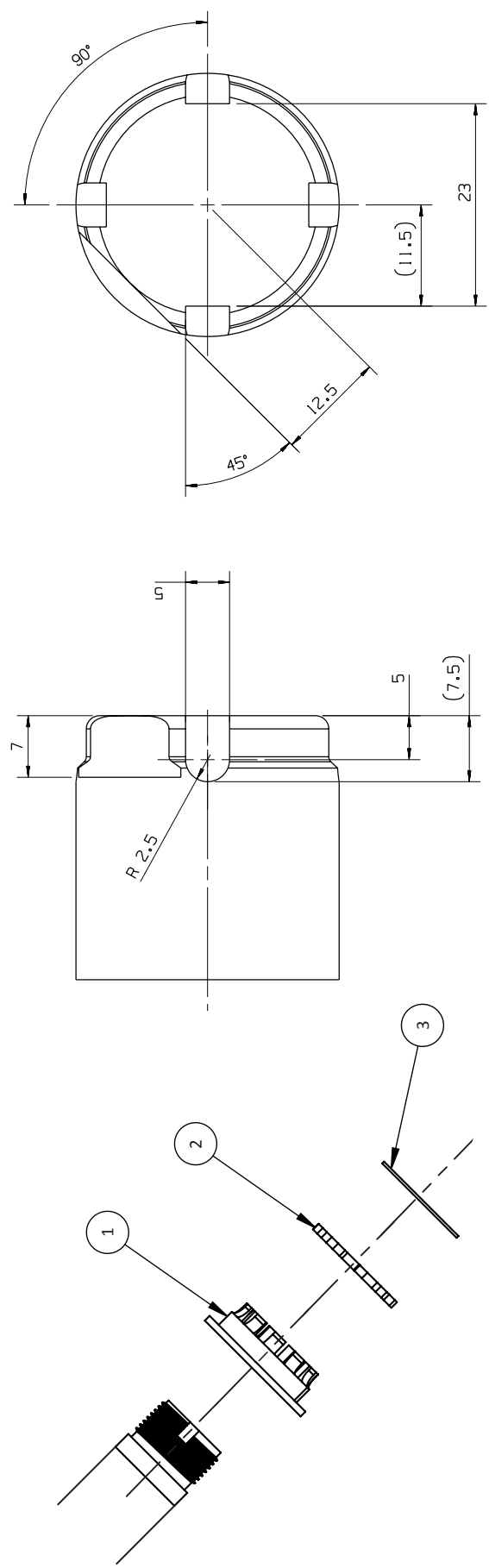


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Drawing No: AGB-EXP-NC-04541  
Drawing Name: Vertical Cable Mount Assembly  
Drawn By: RX  
Revised: 4/5/23



AGB SERVICE BULLETIN: PINION SHAFT MODIFICATION



Notches and flat must be added to end of pinion shaft, as shown.  
Dimensions in millimeters.

| ITEM | PART NO.  | DESCRIPTION                   | QTY |
|------|-----------|-------------------------------|-----|
| 1    | AGB-06171 | Locking Nut For 5-Speed Trans | 1   |
| (1)  | AGB-06172 | Locking Nut For 6-Speed Trans | 1   |
| 2    | AGB-06173 | Lock Washer                   | 1   |
| 3    | AGB-00132 | Circlip                       | 1   |

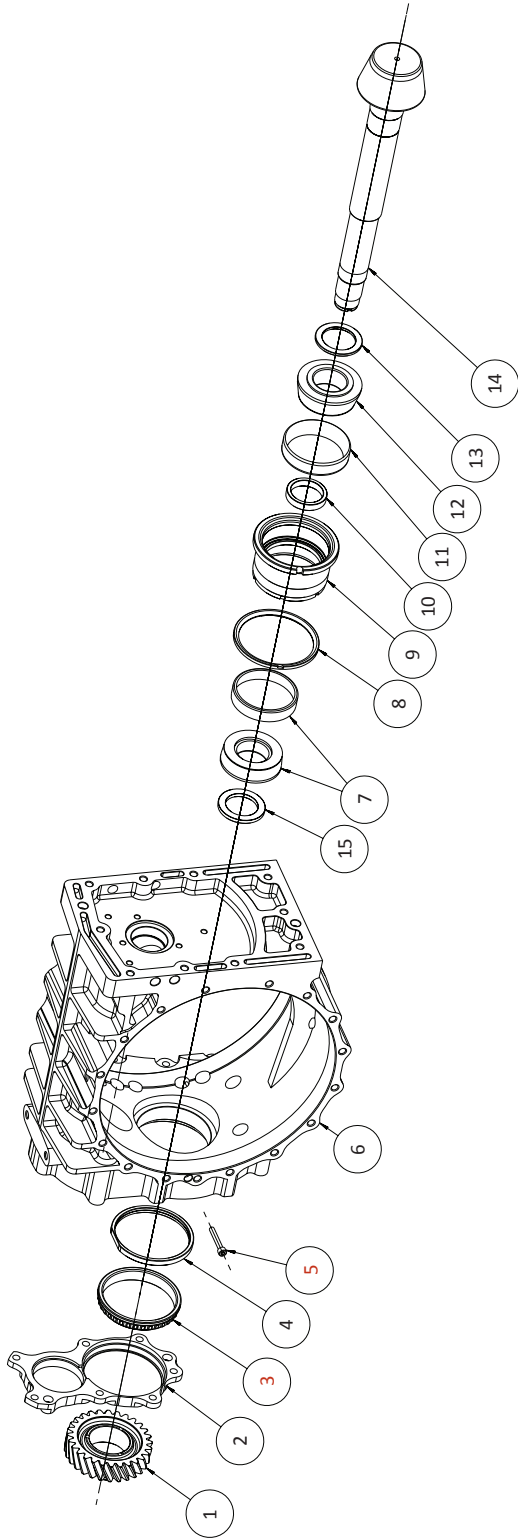
**Issue:** In early model AGB transaxles, the nut on the end of the pinion shaft can come loose during normal operation. Both Weddle Industries and Albins Off-Road Gear experimented with different thread locking compounds and torque specs, but these changes did not eliminate the problem.

**Solution:** A new positive locking assembly has been designed to hold the nut securely in place. We strongly recommend that every AGB transaxle that comes in for service receive this update to avoid possible failure in the future. The pinon shaft will have to be machined to accept the new style nut (see drawing at right). For tooling purposes, keep in mind these shafts have a surface hardness of 59-60 Rockwell C. If you would like to send the shaft back to Weddle Industries, we can machine it for you. Once we receive your shaft for modification, it can usually be turned around in 3-5 business days. If you have any questions please call Weddle Industries.

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Drawing No: AGB-EXP-PNM  
Drawing Name: Pinion Shaft Modification  
Drawn By: RX  
Revised: 5/2/23

AGB SERVICE BULLETIN: PINION BEARING UPGRADE



| ITEM | PART NO.      | DESCRIPTION                                                                          | QTY |
|------|---------------|--------------------------------------------------------------------------------------|-----|
| 1    | Varies        | 4th Gear, Existing 4th will be Used                                                  | 1   |
| 2    | AGB-05626     | Bearing Retainer Plate, Sequential                                                   | 1   |
| 2    | AGB-05624     | Bearing Retainer Plate, "H" Pattern                                                  | 1   |
| 3    | AGB-05623     | Pinion Bearing Retaining Nut<br><b>Torque to 200 ft. lbs with Loctite 243 (Blue)</b> | 1   |
| 4    | AGB-05616     | Spacer for Pinion Retainer Nut, Goes Between Retaining Nut and Main Case             | 1   |
| 5    | H-BM6X40SH    | M6X1X40 Socket Head Cap Bolt<br><b>Seal W/3 Bond</b>                                 | 1   |
| 6    | AGB-00100     | Main Case, Low Shift, Does Not Change                                                | 1   |
| 6    | AGB-38515     | Main Case, Sequential, Does Not Change                                               | 1   |
| 6    | AGB10-04228   | Main Case, Does Not Change                                                           | 1   |
| 7    | AGB-05621     | Small Pinion Bearing Cone and Cup                                                    | 1   |
| 8    | AGB-06406     | Spacer Ring for Pinion Bearing Carrier, Goes Between Bearing Collar and Case.        | 1   |
| 9    | AGB-05617     | Pinion Bearing Carrier, Standard Size                                                | 1   |
| (9)  | AGB-05617-20  | Pinion Bearing Carrier, .20mm Oversize                                               | 1   |
| (9)  | AGB-05617-40  | Pinion Bearing Carrier, .40mm Oversize                                               | 1   |
| 10   | AGB-05619-### | Bearing Preload Spacer, ### Denotes Thickness                                        | 1   |
| 11   | AGB-05630     | Large Pinion Bearing Cup                                                             | 1   |
| 12   | AGB-05622     | Large Pinion Bearing Cone                                                            | 1   |
| 13   | AGB-05620-### | Pinion Depth Shim, ### Denotes Thickness                                             | 1   |
| 14   | AGB-RP5-###   | Pinion Shaft, New Style, ### Denotes Ratio                                           | 1   |
| (14) | AGB10-RP5-### | Pinion Shaft, New Style, ### Denotes Ratio                                           | 1   |
| (14) | AGB-RP6-###   | Pinion Shaft, New Style, ### Denotes Ratio                                           | 1   |
| (14) | AGB10-RP6-### | Pinion Shaft, New Style, ### Denotes Ratio                                           | 1   |

**Issue:** There have been a small number of pinion bearing failures with the pinion bearing assembly used in early model AGB transaxles. In each instance, the threads have broken off the pinion bearing carrier, allowing the pinion shaft to push away from the ring gear. Upon investigation, it was found that pinion bearing breakage was more likely to occur in transaxles that had a main case with a worn pinion bearing bore.

**Solution:** A new pinion bearing assembly has been designed and the retaining nut is now located on the opposite side of the pinion bearing bulkhead. This transfers most of the load away from the threads and onto the shoulder of the pinion bearing carrier. An upgraded pinion bearing assembly will be required if you install a new style ring & pinion set.

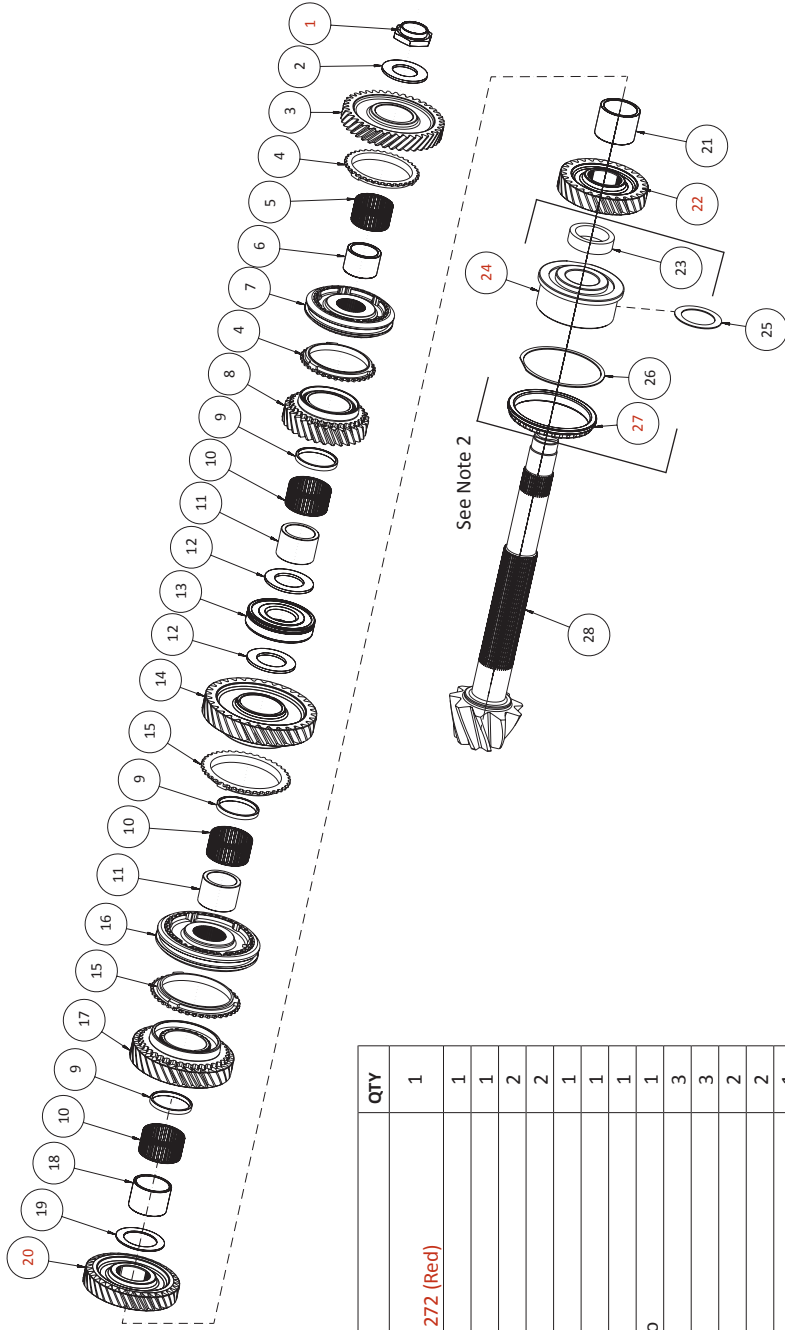
We strongly recommend measurement of the pinion bore in the main case at every service (an accurate set of bore micrometers will be required to do this). The interference fit between the pinion bearing carrier and the main case **MUST** be 0.025-0.075mm (.0010"-.0030"). For cases with a worn pinion bore, we offer a selection of oversize pinion bearing carriers. These are available in increments of .20mm, and the main case must be bored to the proper size. Special fixtures will be required to do the job accurately. If you would like to send your main case to Weddle Industries, we can machine it for you. Once we receive your case for modification, it can usually be turned around in 3-5 business days. If you have any questions please call Weddle Industries.



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Drawing No: AGB-EXP-PBU  
Drawing Name: Pinion Bearing Upgrade  
Drawn By: RX  
Revised: 10/9/2025

# AGB SYNCHROMESH PINION SHAFT ASSEMBLY



| ITEM | PART NO.      | DESCRIPTION                                                                            | QTY |
|------|---------------|----------------------------------------------------------------------------------------|-----|
| 1    | AGB-01427     | Lock Nut, M30X1.5 (See Note 1)<br>Torque to 200 ft. lbs with Loctite 272 (Red)         | 1   |
| 2    | AGB-00377     | Thrust Washer, 30X54X2.5                                                               | 1   |
| 3    | AGB-01425     | Reverse Gear, Synchromesh                                                              | 1   |
| 4    | AGB-02571     | Synchronizer Ring (Brass)                                                              | 2   |
| (4)  | AGB-02571     | Synchronizer Ring (Steel)                                                              | 2   |
| 5    | 4-404527      | Needle Bearing, 40X45X27                                                               | 1   |
| 6    | AGB-00347     | Bearing Race, 32X40X27                                                                 | 1   |
| 7    | AGB-02574     | 5th-Reverse Slider Assembly                                                            | 1   |
| 8    | AG1-###       | 5th Gear, Idler, ### Denotes Ratio                                                     | 1   |
| 9    | AGB-00237     | Bearing Spacer, 45.5X49X4.9                                                            | 3   |
| 10   | 4-455027      | Needle Bearing, 45X50X27                                                               | 3   |
| 11   | AGB-01841     | Bearing Race, 35X45X32.2                                                               | 2   |
| 12   | AGB-00376     | Thrust Washer, 35X58X2.8                                                               | 2   |
| 13   | AGB-00147     | Roller Bearing, At Gear Housing                                                        | 1   |
| 14   | AG1-###       | 1st Gear, Idler, ### Denotes Ratio                                                     | 1   |
| 15   | AGB-025270    | Synchronizer Ring (Brass)                                                              | 2   |
| (15) | AGB-02570-S   | Synchronizer Ring (Steel)                                                              | 2   |
| 16   | AGB-02572     | 1st-2nd Slider Assembly                                                                | 1   |
| 17   | AG1-###       | 2nd Gear, Idler, ### Denotes Ratio                                                     | 1   |
| 18   | AGB-00346     | Bearing Race, 39.7X45X32.2                                                             | 1   |
| 19   | AGB-04058-### | Thrust Washer, ### Denotes Thickness                                                   | 1   |
| 20   | AG1-###S-3    | 3rd Gear Splined, ### Denotes Ratio<br>(Larger Diameter Shoulder Faces 2nd Gear)       | 1   |
| 21   | AGB-14257-### | 3-4 Spacer Sleeve, ### Denotes Length                                                  | 1   |
| 22   | AG1-###S-4    | 4th Gear Splined, ### Denotes Ratio<br>(Larger Diameter Shoulder Faces Pinion Bearing) | 1   |
| 23   | AGB-00230-### | 4th Gear Spacer, ### Denotes Thickness                                                 | 1   |
| 24   | AGB-00128     | Pinion Bearing, Early, Standard Size (See Note 2)                                      | 1   |
| (24) | AGB-00128-20  | Pinion Bearing, Early, .20mm Oversize (See Note 2)                                     | 1   |
| 25   | AGB-00284-### | Pinion Bearing Preload Spacer, ### Denotes Thickness                                   | 1   |
| 26   | AGB-00229-### | Pinion Depth Shim, ### Denotes Thickness                                               | 1   |
| 27   | AGB-00129     | Pinion Bearing Retainer Nut<br>Torque to 200 ft. lbs with Anti-Seize                   | 1   |
| 28   | AGB-RP5-###   | Pinion Shaft, ### Denotes Ratio                                                        | 1   |

Note 1: It is highly recommended that the original pinion nut without the lock washer is not used. Pinion shafts should be machined for the new style lock nut. See drawing AGB-EXP-PNM.

Parts required for new or upgraded pinion shafts:  
-AGB-06171 5-Speed Nut  
-AGB-06173 Lock Washer  
-AGB-00132 Snap Ring

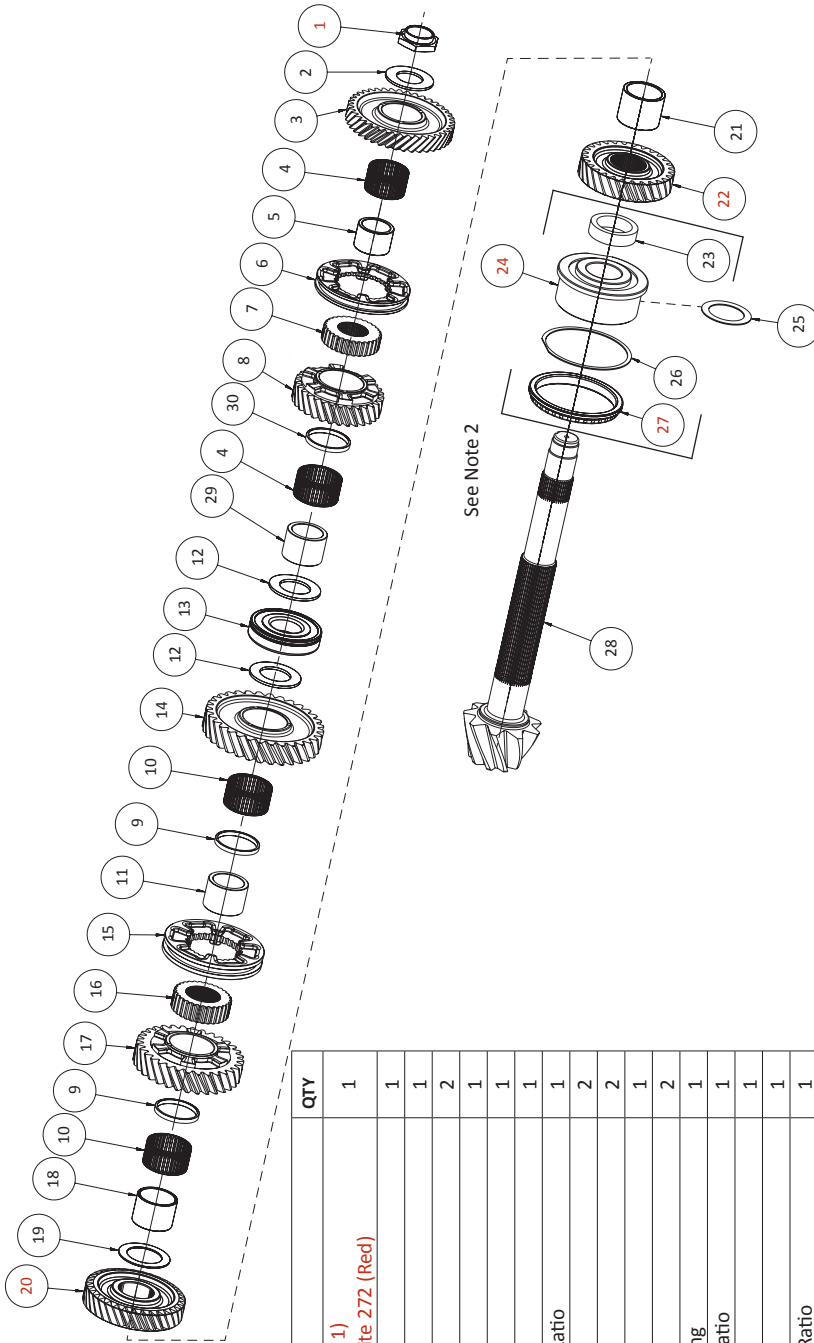
Note 2: For new style pinion bearing, see drawing AGB-EXP-PBU.



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Drawing No: AGB-EXP-PS-SYNCH  
Drawing Name: Synchro Pinion Shaft Assembly  
Drawn By: RX  
Revised: 4/7/2025

# AGB GEN 1 DOGCHANGE PINION SHAFT ASSEMBLY



See Note 2

Note 1: It is highly recommended that the original pinion nut without the lock washer is not used. Pinion shafts should be machined for the new style lock nut. See drawing AGB-EXP-PNM.

Parts required for new or upgraded pinion shafts:

- AGB-06171 5-Speed Nut
- AGB-06173 Lock Washer
- AGB-00132 Snap Ring

Note 2: For new style pinion bearing, see drawing AGB-EXP-PBU.

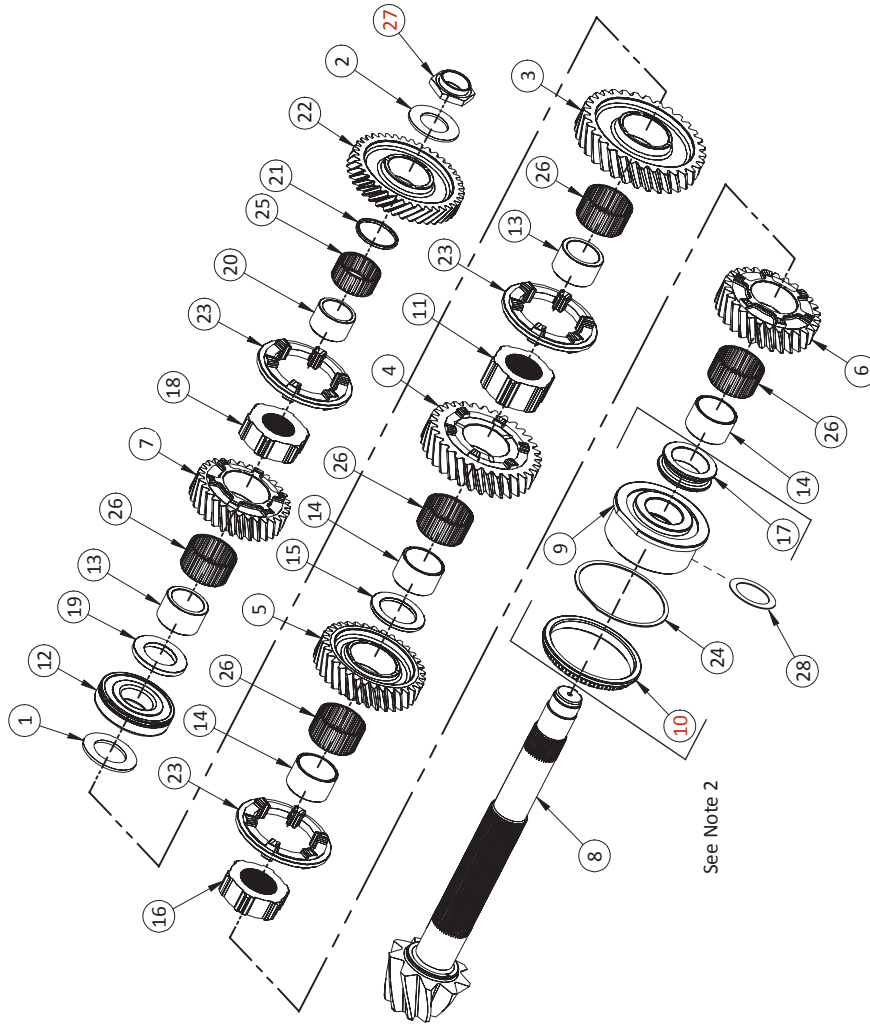
| ITEM | PART NO.      | DESCRIPTION                                                                          | QTY |
|------|---------------|--------------------------------------------------------------------------------------|-----|
| 1    | AGB-01427     | Lock Nut, M30X1.5 (See Note 1)<br><b>Torque to 200ft. lbs with Loctite 272 (Red)</b> | 1   |
| 2    | AGB-00377     | Thrust Washer, 30X54X2.5                                                             | 1   |
| 3    | AGB-03232     | Reverse Gear                                                                         | 1   |
| 4    | 4-404527      | Needle Bearing, 40X45X27                                                             | 2   |
| 5    | AGB-00347     | Bearing Race, 32X40X27                                                               | 1   |
| 6    | AGB-01307     | 5th-Reverse Slider                                                                   | 1   |
| 7    | AGB-01310     | 5th-Reverse Slider Hub                                                               | 1   |
| 8    | AG1-###ID     | 5th Gear, Idler, ### Denotes Ratio                                                   | 1   |
| 9    | AGB-00237     | Bearing Spacer, 45.5X49X4.9                                                          | 2   |
| 10   | 4-45027       | Needle Bearing, 45X50X27                                                             | 2   |
| 11   | AGB-01841     | Bearing Race, 35X45X32.2                                                             | 1   |
| 12   | AGB-00376     | Thrust Washer, 35X58X2.8                                                             | 2   |
| 13   | AGB-00147     | Roller Bearing, At Gear Housing                                                      | 1   |
| 14   | AGB-###ID     | 1st Gear, Idler, ### Denotes Ratio                                                   | 1   |
| 15   | AGB-02565     | 1st-2nd Slider                                                                       | 1   |
| 16   | AGB-01309     | 1st-2nd Slider Hub                                                                   | 1   |
| 17   | AG1-###ID     | 2nd Gear, Idler, ### Denotes Ratio                                                   | 1   |
| 18   | AGB-00346     | Bearing Race, 39.7X45X32.2                                                           | 1   |
| 19   | AGB-04058-### | Thrust Washer, ### Denotes Thickness                                                 | 1   |
| 20   | AG1-###SD-3   | 3rd Gear Splined, ### Denotes Ratio<br><b>(Larger Shoulder Faces 2nd Gear)</b>       | 1   |
| 21   | AGB-14257-### | 3-4 Spacer Sleeve, ### Denotes Length                                                | 1   |
| 22   | AG1-###SD-4   | 4th Gear Splined, ### Denotes Ratio<br><b>(Larger Shoulder Faces Pinion Bearing)</b> | 1   |
| 23   | AGB-00230-### | 4th Gear Spacer, ### Denotes Thickness                                               | 1   |
| 24   | AGB-00128     | Pinion Bearing, Early, Standard Size (See Note 2)                                    | 1   |
| (24) | AGB-00128-20  | Pinion Bearing, Early, .20mm Oversize (See Note 2)                                   | 1   |
| 25   | AGB-00284-### | Pinion Bearing Preload Spacer, ### Denotes Thickness                                 | 1   |
| 26   | AGB-00229-### | Pinion Depth Shim, ### Denotes Thickness                                             | 1   |
| 27   | AGB-00129     | Pinion Bearing Retainer Nut<br><b>Torque to 200ft. lbs with Anti-Seize</b>           | 1   |
| 28   | AGB-RP5-###   | Pinion Shaft, ### Denotes Ratio                                                      | 1   |
| 29   | AGB-00283     | Bearing Race, 35X40X32.2                                                             | 1   |
| 30   | AGB-01439     | Bearing Spacer, 40.5X44.5X4.75                                                       | 1   |



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Drawing No: AGB-EXP-PS-DC1  
Drawing Name: Gen 1 DC Pinion Shaft Assembly  
Drawn By: RX  
Revised: 4/7/2025

# AGB GEN 2 PINION ASSEMBLY (5-SPEED)



Note 1: Parts required for new or upgraded pinion shafts:

- AGB-06171 Locking Nut
- AGB-06173 Lock Washer
- AGB-00132 Circlip

Note 2: For new style pinion bearing, see drawing AGB-EXP-PBU.

| ITEM | PART NO.      | DESCRIPTION                                                                                                                                                                                       | QTY |
|------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| 1    | AGB-00376     | Thrust Washer, 35X58X2.8                                                                                                                                                                          | 1   |
| 2    | AGB-00377     | Thrust Washer, 30X54X3.0                                                                                                                                                                          | 1   |
| 3    | AG2-###       | 1st Gear, Idler, ### Denotes Ratio                                                                                                                                                                | 1   |
| 4    | AG2-###       | 2nd Gear, Idler, ### Denotes Ratio                                                                                                                                                                | 1   |
| 5    | AG2-###       | 3rd Gear, Idler, ### Denotes Ratio                                                                                                                                                                | 1   |
| 6    | AG2-###       | 4th Gear, Idler, ### Denotes Ratio                                                                                                                                                                | 1   |
| 7    | AG2-###       | 5th Gear, Idler, ### Denotes Ratio                                                                                                                                                                | 1   |
| 8    | AGB-RP5-###   | Pinion Shaft, ### Denotes Ratio                                                                                                                                                                   | 1   |
| 9    | AGB-00128     | Pinion Bearing Standard Size (Early Style)                                                                                                                                                        | 1   |
| (9)  | AGB-00128-20  | 0.20mm Oversize Pinion Bearing, (Early Style)                                                                                                                                                     | 1   |
| 10   | AGB-00129     | Pinion Bearing Retainer Nut<br>Torque to 200 ft. lbs with Anti-Seize. Tip of M6X40 Lock Bolt<br>Should Locate Between Knurls on Pinion Nut (Slightly<br>Over-Tighten Nut to Line Up if Necessary) | 1   |
| 11   | AGB-00335     | 1st-2nd Slider Hub                                                                                                                                                                                | 1   |
| 12   | AGB-00147     | Roller Bearing, 35X80X18                                                                                                                                                                          | 1   |
| 13   | AGB-00328     | Bearing Race, 35X45X27                                                                                                                                                                            | 2   |
| 14   | AGB-00327     | Bearing Race, 39.7X45X27                                                                                                                                                                          | 3   |
| 15   | AGB-04058-### | Thrust Washer, 40X58X###, ### Denotes Thickness                                                                                                                                                   | 1   |
| 16   | AGB-00336     | 3rd-4th Slider Hub                                                                                                                                                                                | 1   |
| 17   | AGB-00379-### | 4th Gear Spacer, ### Denotes Thickness (For Early Style<br>Pinion Bearing)                                                                                                                        | 1   |
| 18   | AGB-00337     | 5th-Reverse Slider Hub                                                                                                                                                                            | 1   |
| 19   | AGB-06474-### | 5th Gear Thrust Washer, ### Denotes Thickness                                                                                                                                                     | 1   |
| 20   | AGB-00326     | Rev Bearing Race, 32X40X24.5                                                                                                                                                                      | 1   |
| 21   | AGB-00329     | Bearing Spacer, 40.25X44.75X3                                                                                                                                                                     | 1   |
| 22   | AGB-01985     | Reverse Gear                                                                                                                                                                                      | 1   |
| 23   | AGB-00338     | Slider                                                                                                                                                                                            | 3   |
| 24   | AGB-00229-### | Pinion Depth Shim, 92X100X###, ### Denotes Thickness                                                                                                                                              | 1   |
| 25   | 4-404521      | Needle Bearing, 40X45X21                                                                                                                                                                          | 1   |
| 26   | 4-455027      | Needle Bearing, 45X50X27                                                                                                                                                                          | 5   |
| 27   | AGB-06171     | Locking Nut, M30X1.5 (See Note 1)<br>Torque to 200 ft. lbs with Loctite 272 (Red)                                                                                                                 | 1   |
| (27) | AGB-04127     | Old Style Lock Nut (Not Recommended)<br>Torque to 200ft. lbs with Loctite 272 (Red)<br>Peen Collar in Two Places                                                                                  | 1   |
| 28   | AGB-00284-### | Pinion Bearing Preload Spacer, ### Denotes Thickness                                                                                                                                              | 1   |

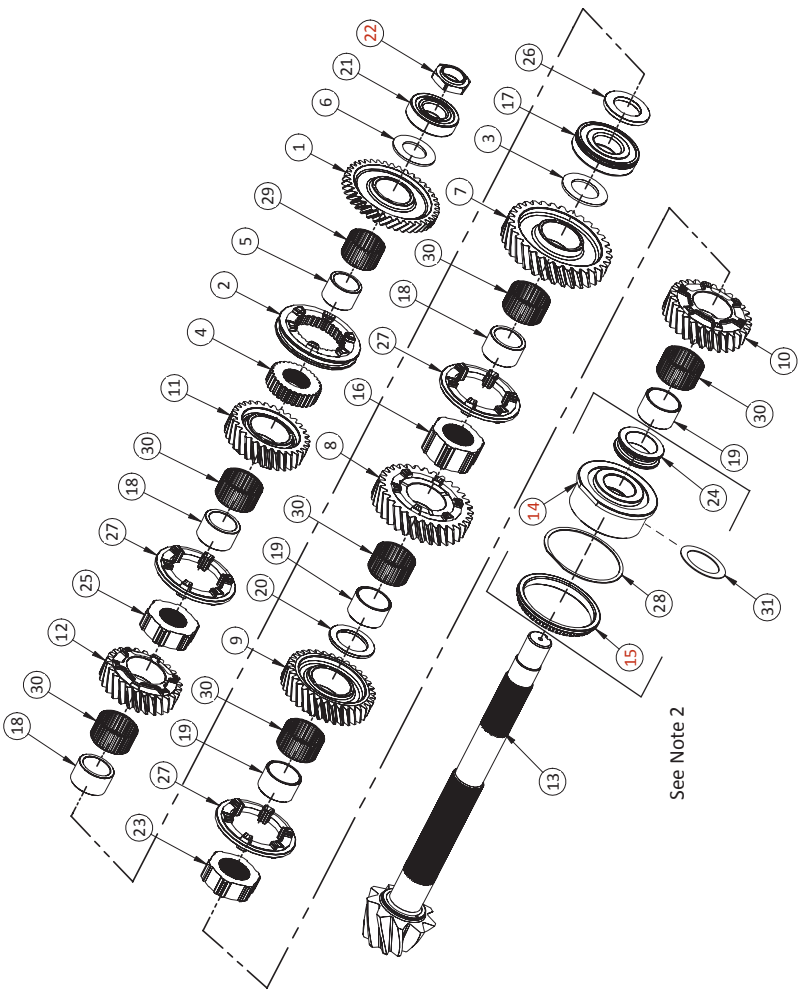


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Drawing No: AGB-EXP-PS-DC2-5  
Drawing Name: Gen 2 DC Pinion Shaft Assembly  
Drawn By: RX  
Revised: 4/7/2025



# AGB GEN 2 PINION ASSEMBLY (6-SPEED)



Note 1: It is highly recommended that the original pinion nut without the lock washer is not used. Pinion shafts should be machined for the new style lock nut. See drawing AGB-EXP-PNM.

Parts required for new or upgraded pinion shafts:  
-AGB-06172 6-Speed Nut  
-AGB-06173 Lock Washer  
-AGB-00132 Snap Ring

Note 2: For new style pinion bearing, see drawing AGB-EXP-PBU.

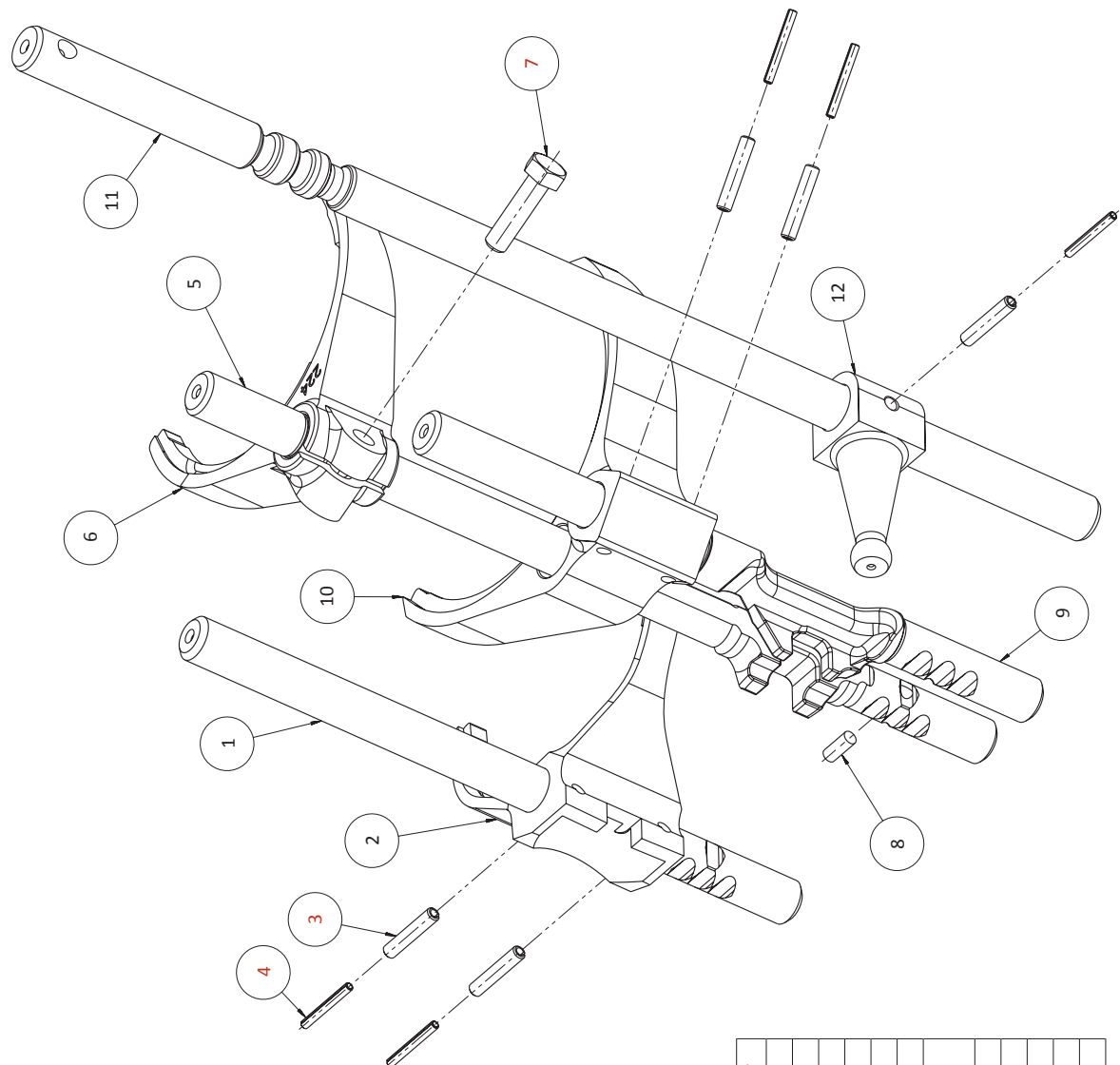
| ITEM | PART NO.      | DESCRIPTION                                                                                                                                                                                       | QTY |
|------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| 1    | AGB-00378     | Reverse Gear                                                                                                                                                                                      | 1   |
| 2    | AGB-01308     | Reverse Slider                                                                                                                                                                                    | 1   |
| 3    | AGB-00376     | Thrust Washer, 35X58X2.8                                                                                                                                                                          | 1   |
| 4    | AGB-01310     | Reverse Slider Hub                                                                                                                                                                                | 1   |
| 5    | AGB-00342     | Bearing Race, 32X40X27.2                                                                                                                                                                          | 1   |
| 6    | AGB-00377     | Thrust Washer, 30X54X3.0                                                                                                                                                                          | 1   |
| 7    | AG2-###       | 1st Gear, Idler, ### Denotes Ratio                                                                                                                                                                | 1   |
| 8    | AG2-###       | 2nd Gear, Idler, ### Denotes Ratio                                                                                                                                                                | 1   |
| 9    | AG2-###       | 3rd Gear, Idler, ### Denotes Ratio                                                                                                                                                                | 1   |
| 10   | AG2-###       | 4th Gear, Idler, ### Denotes Ratio                                                                                                                                                                | 1   |
| 11   | AG2-###       | 5th Gear, Idler, ### Denotes Ratio                                                                                                                                                                | 1   |
| 12   | AG2-###       | 6th Gear, Idler, ### Denotes Ratio                                                                                                                                                                | 1   |
| 13   | AGB-RP6-###   | Pinion Shaft, ### Denotes Ratio                                                                                                                                                                   | 1   |
| 14   | AGB-00128     | Pinion Bearing Standard Size (Early Style) (See Note 2)                                                                                                                                           | 1   |
| (14) | AGB-00128-20  | 0.20mm Oversize Pinion Bearing, (Early Style) (See Note 2)                                                                                                                                        | 1   |
| 15   | AGB-00129     | Pinion Bearing Retainer Nut<br>Torque to 200 ft. lbs with Anti-Seize. Tip of M6X40 Lock Bolt<br>Should Locate Between Knurls on Pinion Nut (Slightly<br>Over-Tighten Nut to Line Up if Necessary) | 1   |
| 16   | AGB-00335     | 1st-2nd Slider Hub                                                                                                                                                                                | 1   |
| 17   | AGB-00147     | Roller Bearing, 35X80X18                                                                                                                                                                          | 1   |
| 18   | AGB-00328     | Bearing Race, 35X45X27                                                                                                                                                                            | 3   |
| (18) | AGB-04039     | Bearing Race, 35X40X27, For Tall Ratio 6th Gear                                                                                                                                                   | 1   |
| 19   | AGB-00327     | Bearing Race, 39.7X45X27                                                                                                                                                                          | 3   |
| 20   | AGB-04058-### | Thrust Washer, 40X58X###, ### Denotes Thickness                                                                                                                                                   | 1   |
| 21   | AGB-00250     | Roller Bearing, 30X62X16                                                                                                                                                                          | 1   |
| 22   | AGB-00269     | Old Style Lock Nut, M30X1.25 (See Note 1)<br>Torque to 200 ft. lbs with Loctite 272 (Red)                                                                                                         | 1   |
| 23   | AGB-00336     | 3rd-4th Slider Hub                                                                                                                                                                                | 1   |
| 24   | AGB-00379-### | 4th Gear Spacer, ### Denotes Thickness<br>(For Early Style Pinion Bearing)                                                                                                                        | 1   |
| 25   | AGB-00337     | 5th-6th Slider Hub                                                                                                                                                                                | 1   |
| 26   | AGB-06474-### | 6th Gear Thrust Washer, 35X58X###, ### Denotes Thickness                                                                                                                                          | 1   |
| 27   | AGB-00338     | Slider                                                                                                                                                                                            | 3   |
| 28   | AGB-00229-### | Pinion Depth Shim, 92X100X###, ### Denotes<br>Thickness                                                                                                                                           | 1   |
| 29   | 4-404527      | Needle Bearing, 40X45X27                                                                                                                                                                          | 2   |
| 30   | 4-455027      | Needle Bearing, 40X50X27                                                                                                                                                                          | 6   |
| 31   | AGB-00284-### | Pinion Bearing Preload Spacer, ### Denotes Thickness                                                                                                                                              | 1   |



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Drawing No: AGB-EXP-PS-DC2-6  
Drawing Name: Gen 2 DC Pinion Shaft Assembly  
Drawn By: RX  
Revised: 10/24/2024

AGB SYNCHROMESH SHIFT FORKS AND RAILS



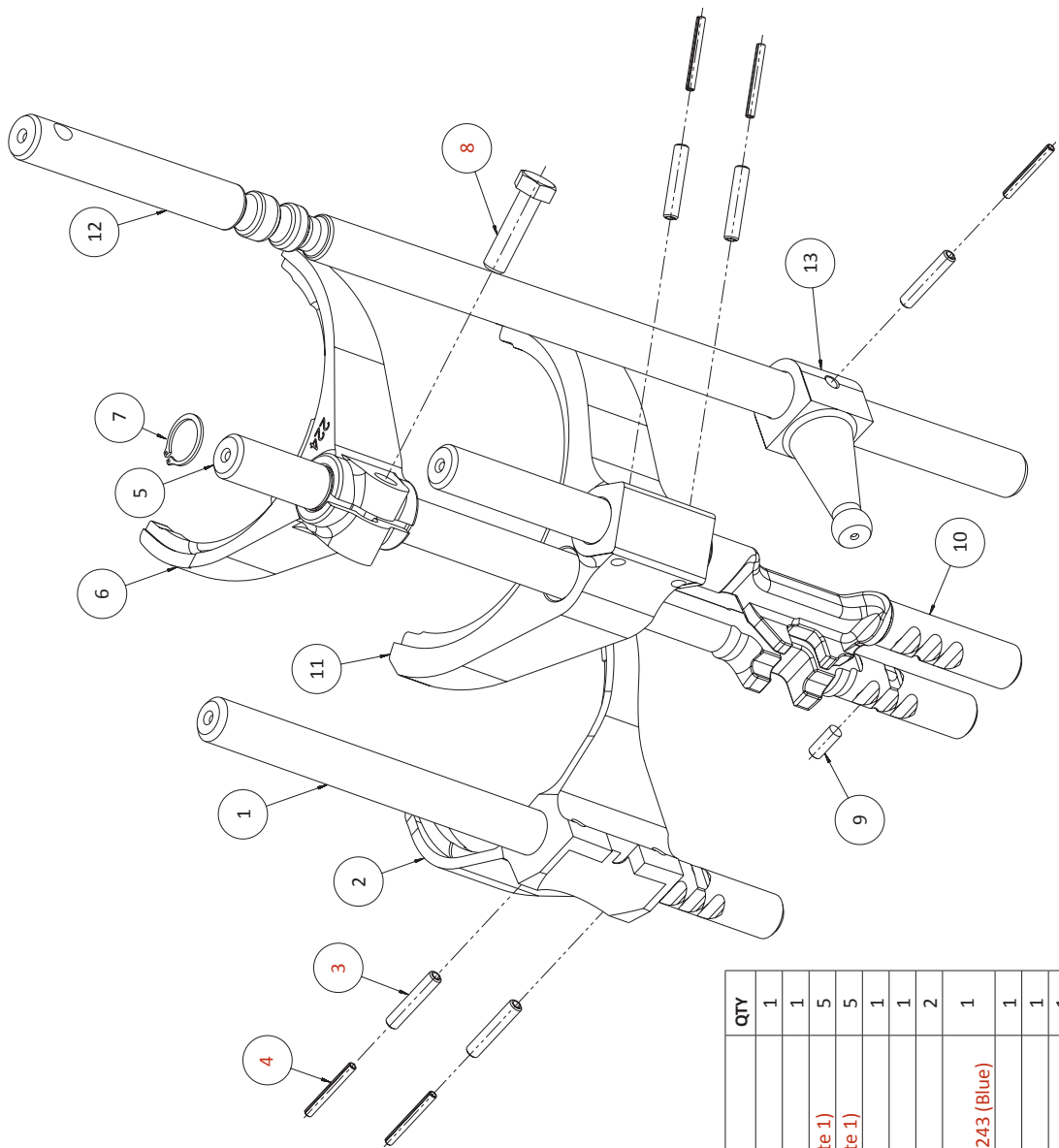
| ITEM | PART NO.  | DESCRIPTION                                                         | QTY |
|------|-----------|---------------------------------------------------------------------|-----|
| 1    | AGB-00221 | 3rd-4th Shift Rail                                                  | 1   |
| 2    | AGB-00223 | 3rd-4th Shift Fork                                                  | 1   |
| 3    | H-RP5X26  | Roll Pin, 5X26mm Long (See Note 1)                                  | 5   |
| 4    | H-RP3X26  | Roll Pin, 3X26mm Long (See Note 1)                                  | 5   |
| 5    | AGB-00220 | 5th-Reverse Shift Rail                                              | 1   |
| 6    | AGB-00224 | 5th-Reverse Shift Fork                                              | 1   |
| 7    | H-BM8X30H | M8X1.25X30 Hex Bolt<br>Torque to 18 ft. lbs with Loctite 243 (Blue) | 1   |
| 8    | AGB-00202 | Interlock Pin, 5X14mm Long                                          | 1   |
| 9    | AGB-00219 | 1st-2nd Shift Rail                                                  | 1   |
| 10   | AGB-00206 | 1st-2nd Shift Fork                                                  | 1   |
| 11   | AGB-00225 | Shift Rod (Gen 1)                                                   | 1   |
| 12   | AGB-00226 | Actuator Arm                                                        | 1   |

Note 1: It is highly recommended that all roll pins are safety wired after installation

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Drawing No: AGB-EXP-SHIFT-SYNCH  
Drawing Name: Synchronesh Forks and Rails  
Drawn By: RX  
Revised: 5/2/23

AGB GEN 1 DOGCHANGE SHIFT FORKS AND RAILS



| ITEM | PART NO.    | DESCRIPTION                                                         | QTY |
|------|-------------|---------------------------------------------------------------------|-----|
| 1    | AGB-00221   | 3rd-4th Shift Rail                                                  | 1   |
| 2    | AGB-00223   | 3rd-4th Shift Fork                                                  | 1   |
| 3    | H-RP5X26    | Roll Pin, 5X26mm Long (See Note 1)                                  | 5   |
| 4    | H-RP3X26    | Roll Pin, 3X26mm Long (See Note 1)                                  | 5   |
| 5    | AGB-00220   | 5th-Reverse Shift Rail                                              | 1   |
| 6    | AGB-00224   | 5th-Reverse Shift Fork                                              | 1   |
| 7    | N-012-416-1 | Circlip, 16mm                                                       | 2   |
| 8    | H-BM8X30H   | M8X1.25X30 Hex Bolt<br>Torque to 18 ft. lbs with Loctite 243 (Blue) | 1   |
| 9    | AGB-00202   | Interlock Pin, 5X14mm Long                                          | 1   |
| 10   | AGB-00219   | 1st-2nd Shift Rail                                                  | 1   |
| 11   | AGB-00222   | 1st-2nd Shift Fork                                                  | 1   |
| 12   | AGB-00225   | Shift Rod (Gen 1)                                                   | 1   |
| 13   | AGB-00226   | Actuator Arm                                                        | 1   |

Note 1: It is highly recommended that all roll pins are safety wired after installation

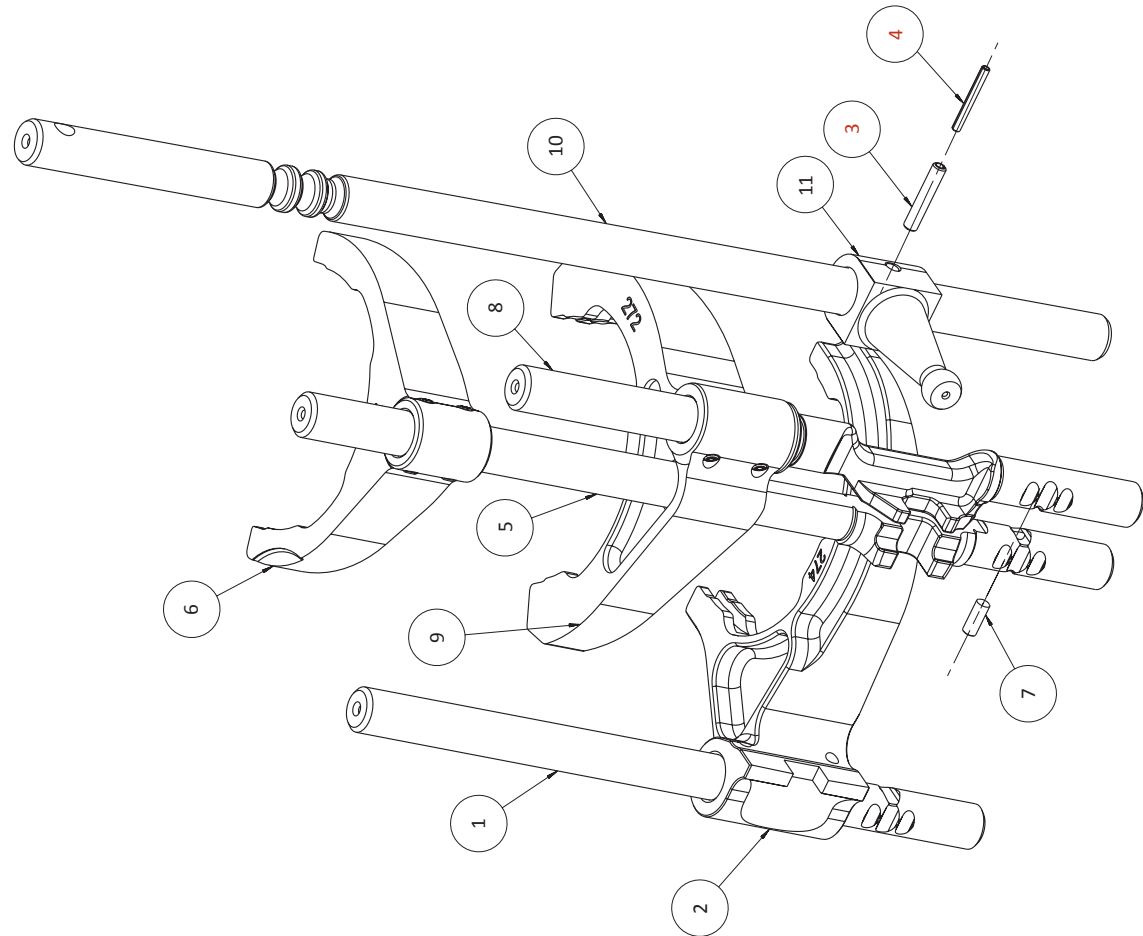


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Drawing No: AGB-EXP-SHIFT-DC1  
Drawing Name: Gen 1 DC Forks and Rails  
Drawn By: RX  
Revised: 5/2/23

AGB LOW SHIFT GEN 2 SHIFT FORKS AND RAILS



| ITEM | PART NO.  | DESCRIPTION                        | QTY |
|------|-----------|------------------------------------|-----|
| 1    | AGB-00275 | 3rd-4th Shift Rail                 | 1   |
| 2    | AGB-00274 | 3rd-4th Shift Fork                 | 1   |
| 3    | H-RP5X26  | Roll Pin, 5X26mm Long (See Note 1) | 7   |
| 4    | H-RP3X26  | Roll Pin, 3X26mm Long (See Note 1) | 7   |
| 5    | AGB-00281 | 5th-Reverse Shift Rail             | 1   |
| 6    | AGB-00280 | 5th-Reverse Shift Fork             | 1   |
| 7    | AGB-00202 | Interlock Pin, 5X14mm Long         | 1   |
| 8    | AGB-00273 | 1st-2nd Shift Rail                 | 1   |
| 9    | AGB-00272 | 1st-2nd Shift Fork                 | 1   |
| 10   | AGB-00282 | Shift Rod (Gen 2)                  | 1   |
| 11   | AGB-00226 | Actuator Arm                       | 1   |

Note 1: It is highly recommended that all roll pins are safety wired after installation



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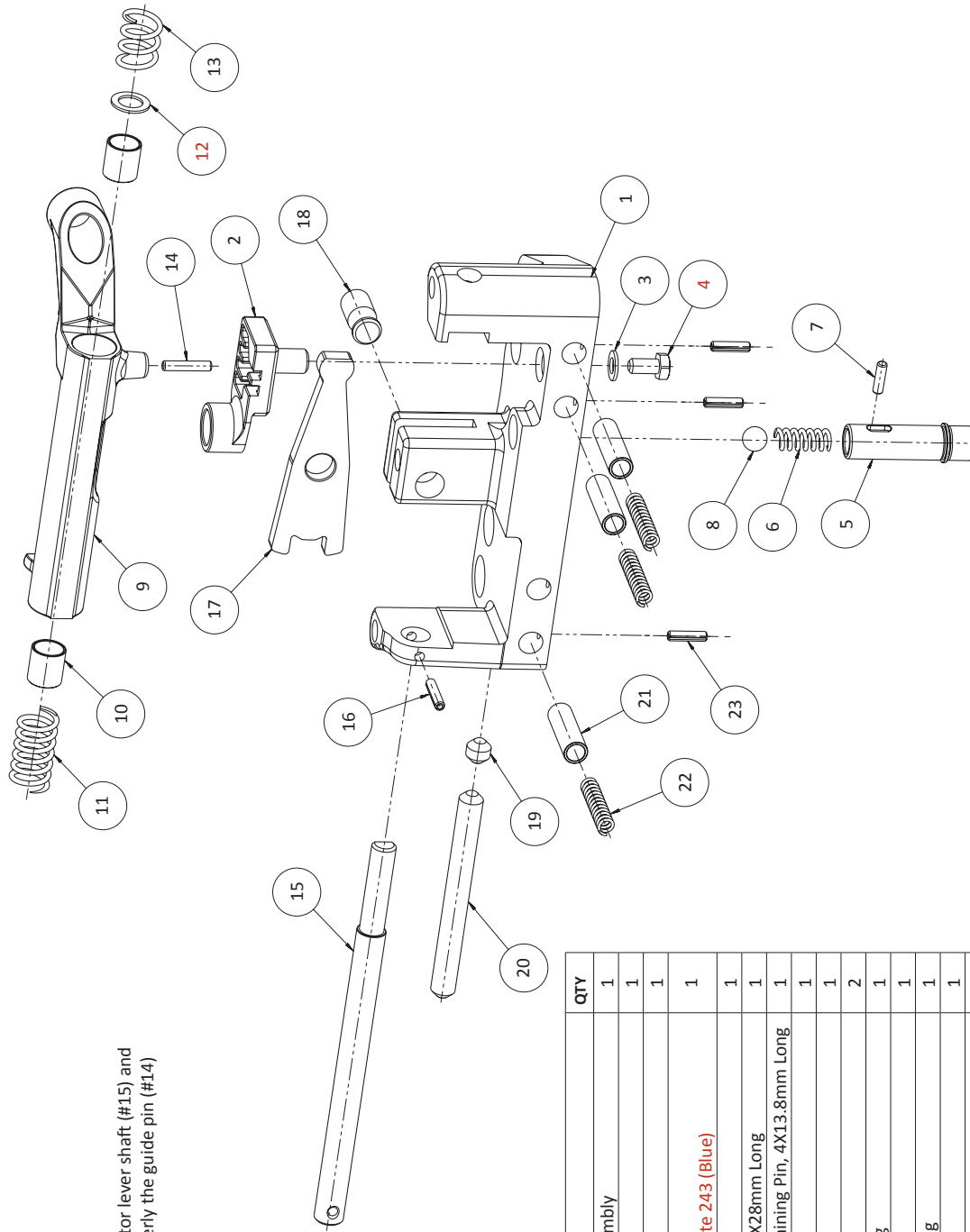
Drawing No: AGB-EXP-SHIFT-DC2

Drawing Name: Gen 2 Dogchange Forks and Rails

Drawn By: RX

Revised: 4/21/23

# AGB LOW SHIFT SELECTOR ASSEMBLY



Note 1: Washer fits against shoulder on selector lever shaft (#15) and locates selector lever. When assembled properly the guide pin (#14) should be centered in the 3rd/4th shift gate.

| ITEM | PART NO.    | DESCRIPTION                                                     | QTY |
|------|-------------|-----------------------------------------------------------------|-----|
| 1    | AGB-00199   | Base Plate for Selector Assembly                                | 1   |
| 2    | AGB-00206   | Shift Gate                                                      | 1   |
| 3    | H-WM6       | 6mm Flat Washer                                                 | 1   |
| 4    | H-BM6X12H   | M6X1X12 Hex Bolt<br>Torque to 8 ft. lbs with Loctite 243 (Blue) | 1   |
| 5    | AGB-00214-A | Reverse Lockout Sleeve                                          | 1   |
| 6    | AGB-00213-A | Reverse Lockout Spring, 9.2X28mm Long                           | 1   |
| 7    | AGB-00334   | Reverse Lockout Spring Retaining Pin, 4X13.8mm Long             | 1   |
| 8    | H-BALL-M10  | Ball, 10mm                                                      | 1   |
| 9    | AGB-00209-A | Selector Lever                                                  | 1   |
| 10   | AGB-02099   | Bronze Bushing, 12X14X15                                        | 2   |
| 11   | AGB-00217   | Long Spring, 16X36mm Long                                       | 1   |
| 12   | AGB-00260   | Washer (See Note 1)                                             | 1   |
| 13   | AGB-00218   | Short Spring, 16X24mm Long                                      | 1   |
| 14   | AGB-02098   | Guide Pin, 4X20mm Long                                          | 1   |
| 15   | AGB-00210   | Shaft for Selector Lever                                        | 1   |
| 16   | H-RP4X22    | Roll Pin, 4X20mm Long                                           | 1   |
| 17   | AGB-00207   | Reverse Pivot Lever                                             | 1   |
| 18   | AGB-00208   | Pivot Pin for Reverse Lever                                     | 1   |
| 19   | AGB-00201   | Interlock Segment, 11mm Long                                    | 1   |
| 20   | AGB-00200   | Interlock Segment, 96mm Long                                    | 1   |
| 21   | AGB-00203   | Detent Sleeve                                                   | 3   |
| 22   | AGB-00204   | Detent Spring, 7.3X48mm Long                                    | 3   |
| 23   | H-RP4X16    | Roll Pin, 4X16mm Long                                           | 3   |



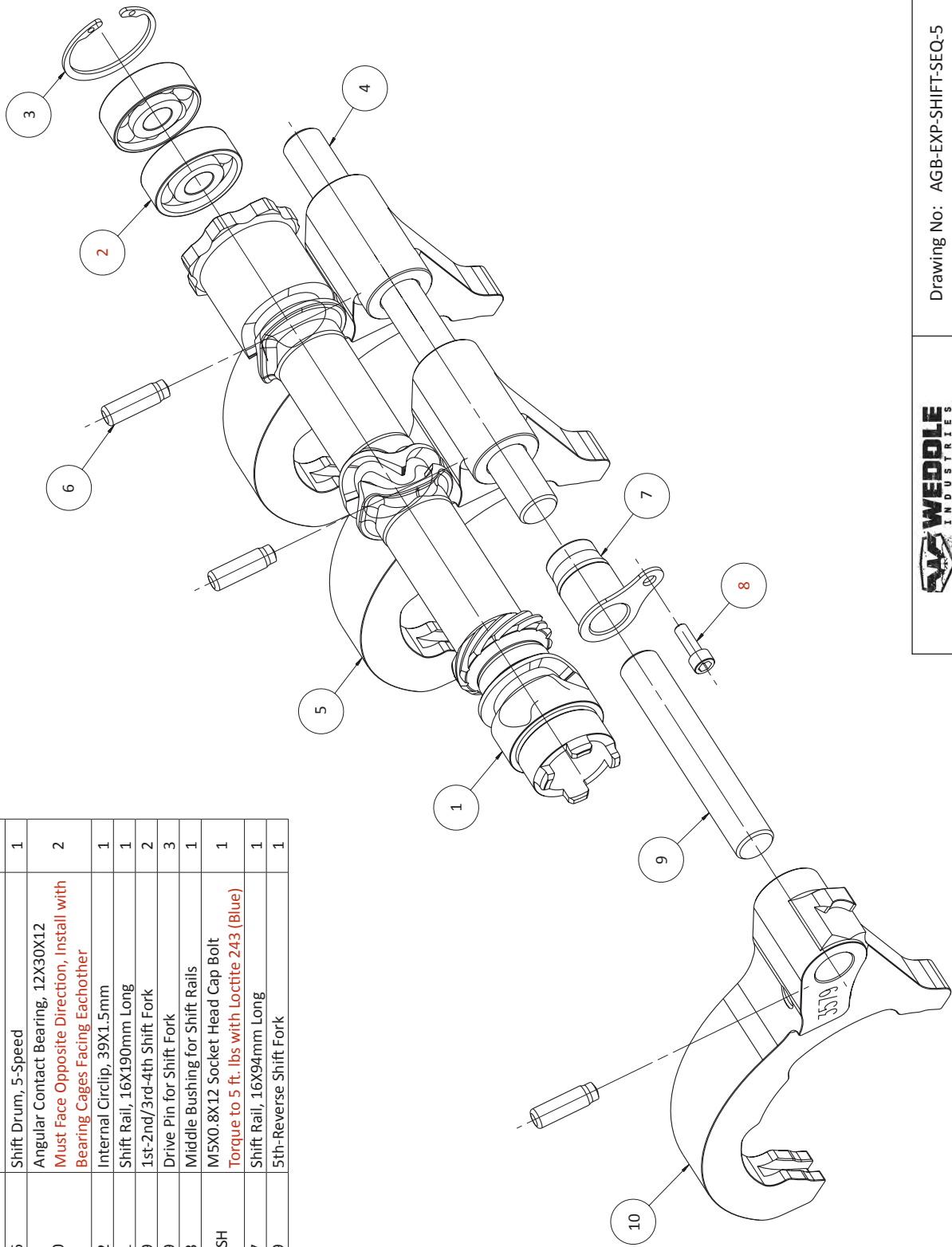
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Drawing No: AGB-EXP-SHIFT-SEL  
Drawing Name: Low Shift Selector Assembly  
Drawn By: RX  
Revised: 4/24/23



# AGB SEQUENTIAL SHIFT DRUM AND FORKS (5-SPEED)

| ITEM | PART NO.   | DESCRIPTION                                                                                                           | QTY |
|------|------------|-----------------------------------------------------------------------------------------------------------------------|-----|
| 1    | AGB-00396  | Shift Drum, 5-Speed                                                                                                   | 1   |
| 2    | AGB-03550  | Angular Contact Bearing, 12X30X12<br><b>Must Face Opposite Direction, Install with Bearing Cages Facing Eachother</b> | 2   |
| 3    | AGB-00132  | Internal Circlip, 39X1.5mm                                                                                            | 1   |
| 4    | AGB-00361  | Shift Rail, 16X190mm Long                                                                                             | 1   |
| 5    | AGB-00359  | 1st-2nd/3rd-4th Shift Fork                                                                                            | 2   |
| 6    | AGB-00399  | Drive Pin for Shift Fork                                                                                              | 3   |
| 7    | AGB-00363  | Middle Bushing for Shift Rails                                                                                        | 1   |
| 8    | H-BM5X12SH | M5X0.8X12 Socket Head Cap Bolt<br><b>Torque to 5 ft. lbs with Loctite 243 (Blue)</b>                                  | 1   |
| 9    | AGB-00397  | Shift Rail, 16X94mm Long                                                                                              | 1   |
| 10   | AGB-03579  | 5th-Reverse Shift Fork                                                                                                | 1   |

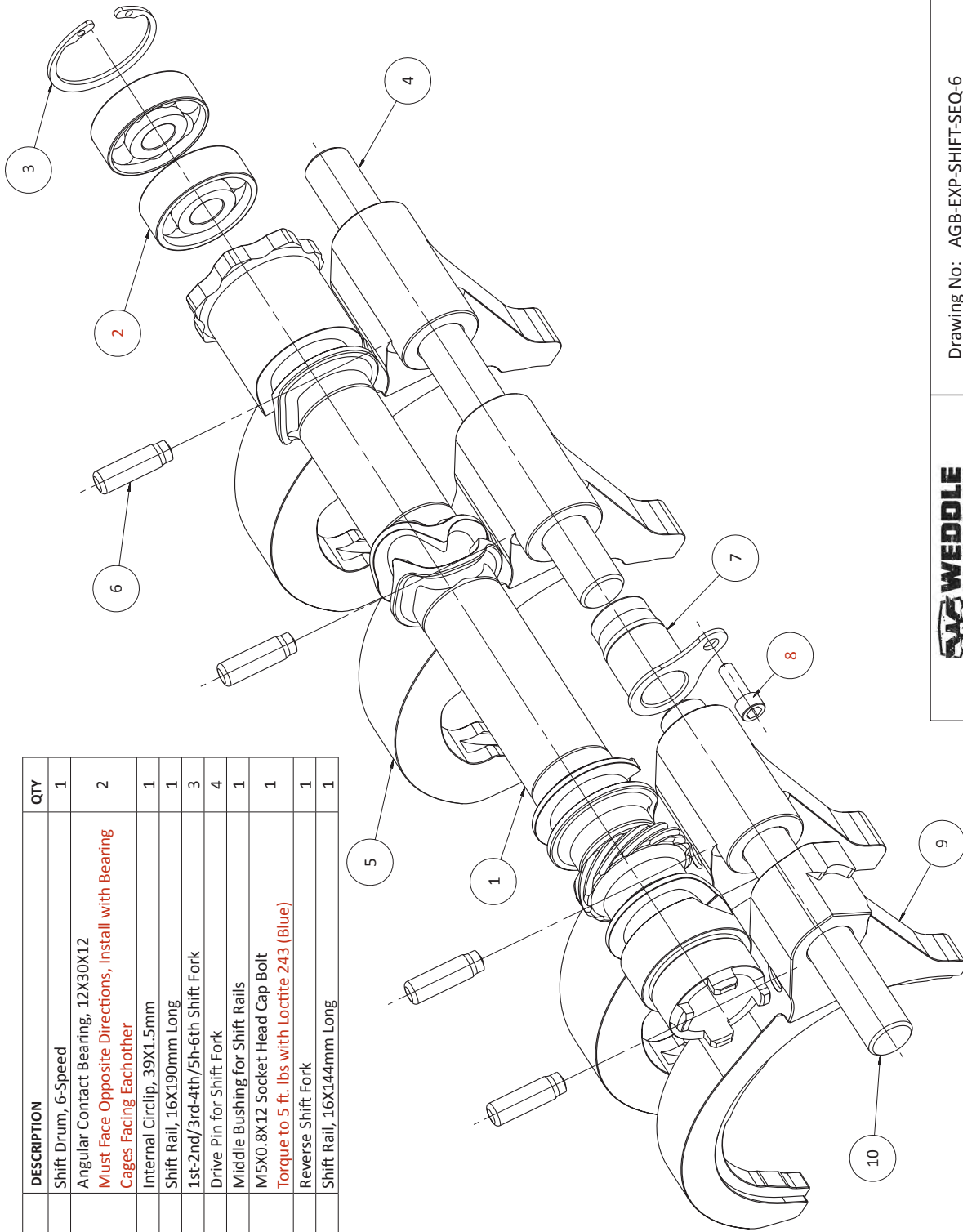


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Drawing No: AGB-EXP-SHIFT-SEQ-5  
Drawing Name: 5-Speed Sequential Drum and Forks  
Drawn By: RX  
Revised: 4/12/23

AGB SEQUENTIAL SHIFT DRUM AND FORKS (6-SPEED)

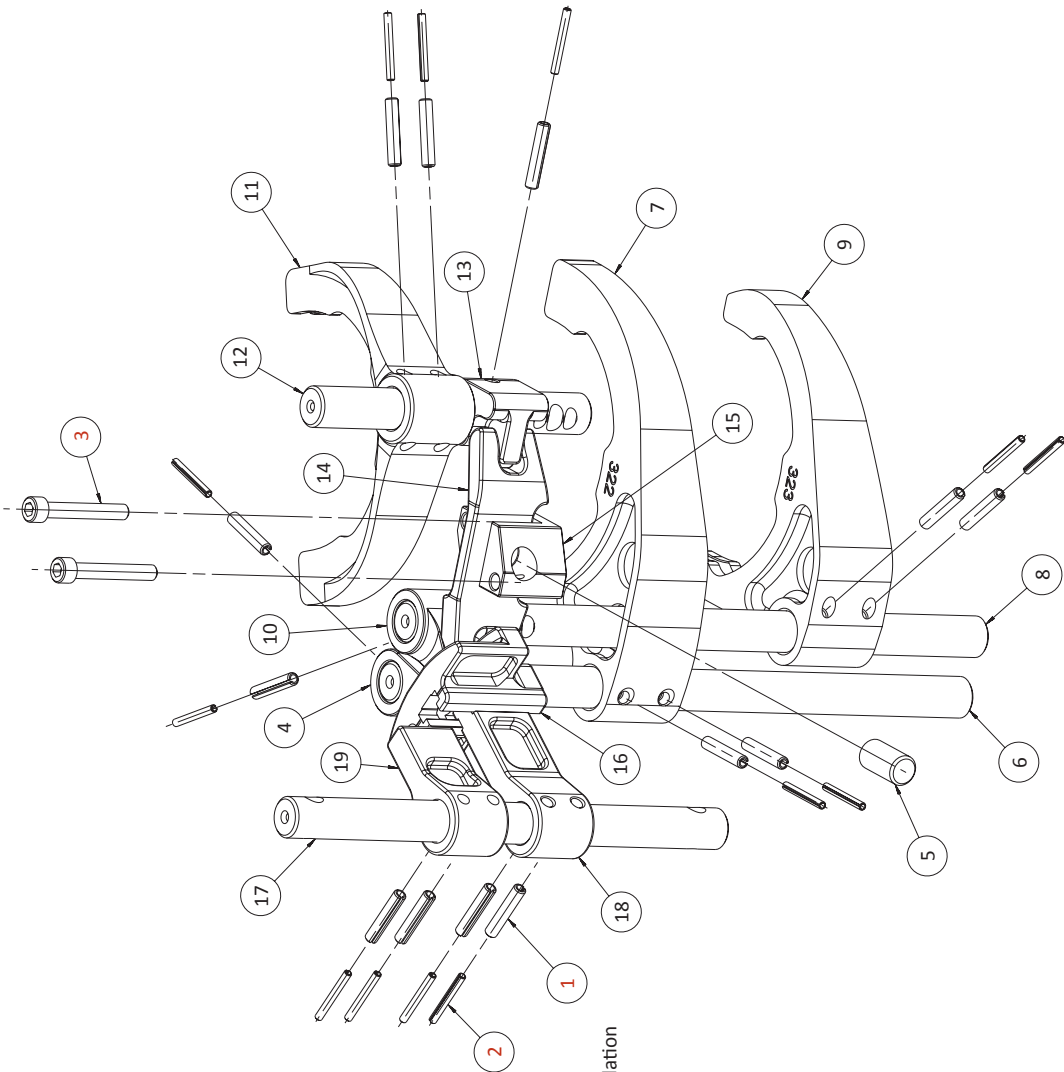
| ITEM | PART NO.   | DESCRIPTION                                                                                                        | QTY |
|------|------------|--------------------------------------------------------------------------------------------------------------------|-----|
| 1    | AGB-00368  | Shift Drum, 6-Speed                                                                                                | 1   |
| 2    | AGB-03550  | Angular Contact Bearing, 12X30X12<br>Must Face Opposite Directions, Install with Bearing<br>Cages Facing Eachother | 2   |
| 3    | AGB-00132  | Internal Circlip, 39X1.5mm                                                                                         | 1   |
| 4    | AGB-00361  | Shift Rail, 16X190mm Long                                                                                          | 1   |
| 5    | AGB-00359  | 1st-2nd/3rd-4th/5h-6th Shift Fork                                                                                  | 3   |
| 6    | AGB-00399  | Drive Pin for Shift Fork                                                                                           | 4   |
| 7    | AGB-00363  | Middle Bushing for Shift Rails                                                                                     | 1   |
| 8    | H-BM5X12SH | M5X0.8X12 Socket Head Cap Bolt<br>Torque to 5 ft. lbs with Loctite 243 (Blue)                                      | 1   |
| 9    | AGB-00358  | Reverse Shift Fork                                                                                                 | 1   |
| 10   | AGB-00362  | Shift Rail, 16X144mm Long                                                                                          | 1   |



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Drawing No: AGB-EXP-SHIFT-SEQ-6  
Drawing Name: 6-Speed Sequential Drum and Forks  
Drawn By: RX  
Revised: 4/12/23

AGB HIGH SHIFT FORKS AND RAILS



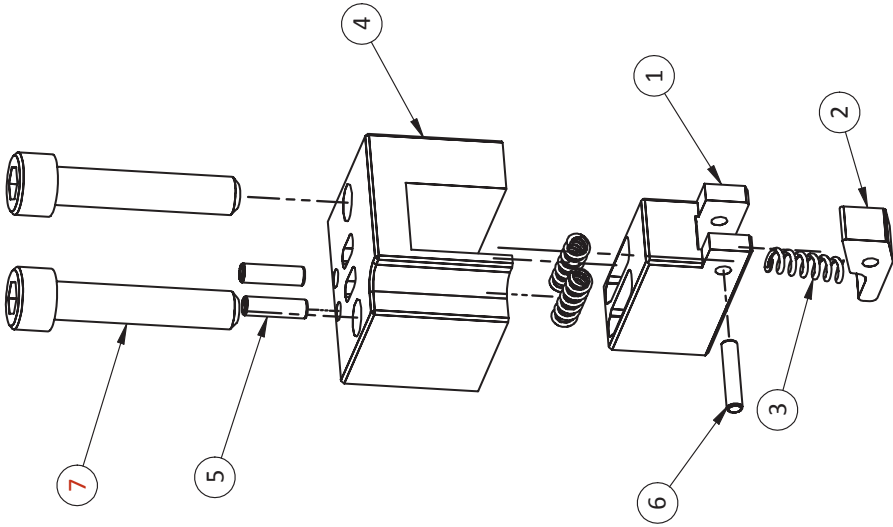
Note 1: It is highly recommended that all roll pins are safety wired after installation

| ITEM | PART NO.   | DESCRIPTION                                                                | QTY |
|------|------------|----------------------------------------------------------------------------|-----|
| 1    | H-RP5X26   | Roll Pin, 5X26mm Long (See Note 1)                                         | 13  |
| 2    | H-RP3X26   | Roll Pin, 3X26mm Long (See Note 1)                                         | 13  |
| 3    | H-BM6X40SH | M6X1X40 Socket Head Cap Bolt<br>Torque to 8 ft. lb with Loctite 243 (Blue) | 2   |
| 4    | AGB-00286  | Head for 1st-2nd Shift Rail                                                | 1   |
| 5    | AGB-00292  | Pivot Pin                                                                  | 1   |
| 6    | AGB-00295  | 1st-2nd Shift Rail                                                         | 1   |
| 7    | AGB-00322  | 1st-2nd Shift Fork                                                         | 1   |
| 8    | AGB-00296  | 3rd-4th Shift Rail                                                         | 1   |
| 9    | AGB-00323  | 3rd-4th Shift Fork                                                         | 1   |
| 10   | AGB-00288  | Head for 3rd-4th Shift Rail                                                | 1   |
| 11   | AGB-00299  | 5th-Reverse Shift Fork                                                     | 1   |
| 12   | AGB-00297  | 5th-Reverse Shift Rail                                                     | 1   |
| 13   | AGB-00287  | Head for 5th-Reverse Shift Rail                                            | 1   |
| 14   | AGB-00285  | Pivot Lever for 5th-Reverse                                                | 1   |
| 15   | AGB-01389  | Pivot Block for 5th-Reverse                                                | 1   |
| 16   | AGB-01390  | Interlock Shuttle                                                          | 1   |
| 17   | AGB-00298  | Selector Shaft                                                             | 1   |
| 18   | AGB-01270  | Selector Lever                                                             | 1   |
| 19   | AGB-01269  | Locating Finger                                                            | 1   |

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Drawing No: AGB-EXP-SHIFT-HS  
Drawing Name: High Shift Forks and Rails  
Drawn By: RX  
Revised: 5/8/23

AGB HIGH SHIFT REVERSE LOCKOUT (DETAIL)

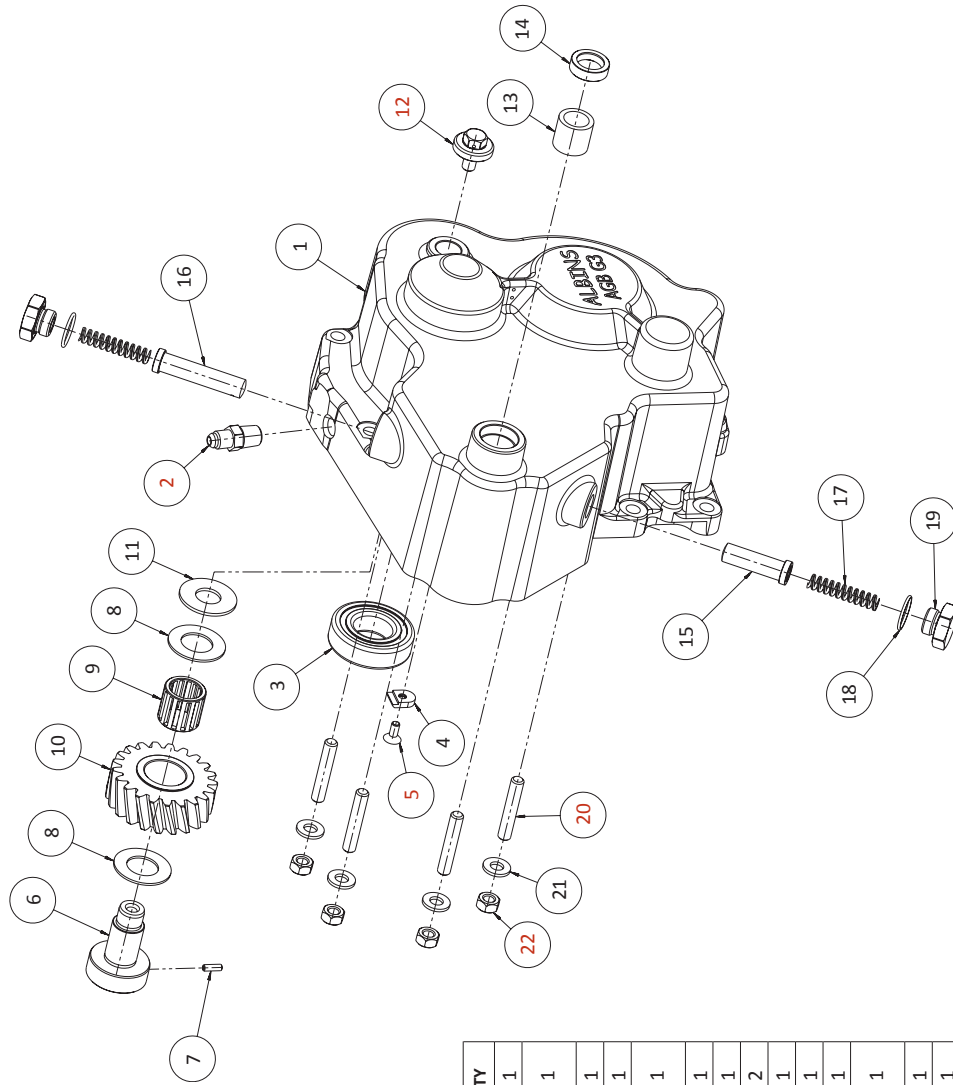


| ITEM | PART NO.   | DESCRIPTION                                                               | QTY |
|------|------------|---------------------------------------------------------------------------|-----|
| 1    | AGB-00289  | Lockout Trigger                                                           | 1   |
| 2    | AGB-00290  | Lockout Finger                                                            | 1   |
| 3    | AGB-03180  | Spring, 5/32"x9/16" Long                                                  | 3   |
| 4    | AGB-00291  | Reverse Lockout Cover Plate                                               | 1   |
| 5    | H-RP3X10   | Roll Pin, 3X10                                                            | 2   |
| 6    | AGB-03181  | Pivot Pin, 2.5X12mm Long                                                  | 1   |
| 7    | H-BM6X30SH | Socket Head Cap Bolt, M6X30<br>Torque to 8 ft. lb with Loctite 243 (Blue) | 2   |

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Drawing No: AGB-EXP-GH-HSRL  
Drawing Name: High Shift Reverse Lockout  
Drawn By: RX  
Revised: 5/5/23

# AGB HIGH SHIFT NOSECONE ASSEMBLY



| ITEM | PART NO.     | DESCRIPTION                                                                                                 | QTY |
|------|--------------|-------------------------------------------------------------------------------------------------------------|-----|
| 1    | AGB-01403    | Nosecone, High Shift                                                                                        | 1   |
| 2    | H-AN414NPT   | Oil Inlet Fitting, AN4X1/4"NPT<br><b>Seal W/3-Bond</b>                                                      | 1   |
| 3    | AGB-00249    | Cylindrical Roller Bearing, 25X52X15                                                                        | 1   |
| 4    | AGB-03819    | Retaining Tab                                                                                               | 1   |
| 5    | H-BM5X12FSH  | Bolt, M5X12 Flat Socket Head<br><b>Install with Loctite 243 (Blue)</b>                                      | 1   |
| 6    | AGB-00180    | Reverse Idler Shaft                                                                                         | 1   |
| 7    | H-RP4X12     | Roll Pin, 4X12mm Long                                                                                       | 1   |
| 8    | AGB-00182    | Thrust Washer                                                                                               | 2   |
| 9    | 4-202624     | Needle Roller Bearing, 20X26X24                                                                             | 1   |
| 10   | AGB-01424    | Reverse Intermediate Idler Gear                                                                             | 1   |
| 11   | AGB-00183    | Sandwich Washer                                                                                             | 1   |
| 12   | AGB-00184    | Retaining Bolt for Reverse Idler Shaft<br><b>Torque to 26 ft. lb with Loctite 272 (Red) and Safety Wire</b> | 1   |
| 13   | AGB-03194    | Bronze Bushing, 16X22X20                                                                                    | 1   |
| 14   | AGB-00192    | Shift Shaft Seal, 16X24X7                                                                                   | 1   |
| 15   | AGB-00293    | Shift Gate Plunger, Short                                                                                   | 1   |
| 16   | AGB-00294    | Shift Gate Plunger, Long                                                                                    | 1   |
| 17   | AGB-03193    | Spring, 3/8"X1-3/4"                                                                                         | 2   |
| 18   | N-902-621-01 | O-Ring                                                                                                      | 2   |
| 19   | AGB-03175    | Cap for Plunger Assembly                                                                                    | 2   |
| 20   | H-SM8X46     | Stud, M8X1.25X46<br><b>Install with Loctite 272 (Red)</b>                                                   | 4   |
| 21   | H-WM8-17     | Flat Washer, 8mm                                                                                            | 4   |
| 22   | H-NM8        | Hex Nut, M8X1.25<br><b>Torque to 18 ft. lb with Loctite 243 (Blue)</b>                                      | 4   |



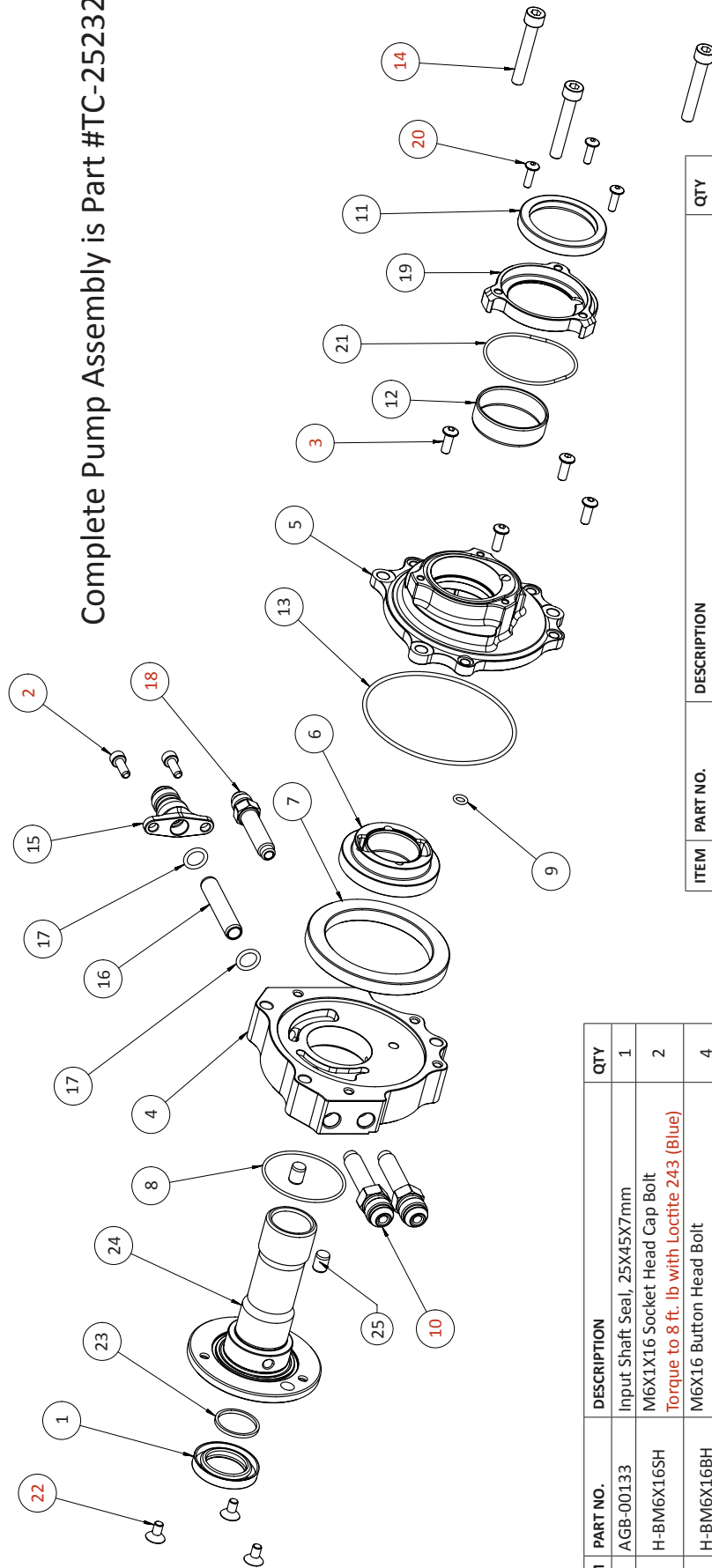
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Drawing No: AGB-EXP-NC-HS  
Drawing Name: High Shift Nosecone Assembly  
Drawn By: RX  
Revised: 5/9/23



# PUMP/STATOR SUPPORT FOR ALBINS TORQUE CONVERTER

Complete Pump Assembly is Part #TC-25232



| ITEM | PART NO.   | DESCRIPTION                                                                    | QTY |
|------|------------|--------------------------------------------------------------------------------|-----|
| 1    | AGB-00133  | Input Shaft Seal, 25X45X7mm                                                    | 1   |
| 2    | H-BM6X16SH | M6X1X16 Socket Head Cap Bolt<br>Torque to 8 ft. lb with Loctite 243 (Blue)     | 2   |
| 3    | H-BM6X16BH | M6X16 Button Head Bolt<br>Torque to 8 ft. lb with Loctite 243 (Blue)           | 4   |
| 4    | TC-05516   | Main Plumbing Block                                                            | 1   |
| 5    | TC-05518   | Pump Housing Cover                                                             | 1   |
| 6    | TC-05519   | Pump Drive Gear                                                                | 1   |
| 7    | TC-05520   | Pump Driven Gear                                                               | 1   |
| 8    | TC-05526   | O-Ring, Stator Support to Pump Body                                            | 1   |
| 9    | TC-05527   | O-Ring, Pump Body to Cover                                                     | 1   |
| 10   | TC-05528   | AN-8 Outlet Fitting<br>Torque to 26 ft. lb with Loctite 243 (Blue)             | 2   |
| 11   | TC-05531   | Outer Pump Seal                                                                | 1   |
| 12   | TC-05532   | Torque Converter Pump Snout Bushing                                            | 1   |
| 13   | TC-05535   | O-Ring, Pump Body to Cover                                                     | 1   |
| 14   | H-BM8X50SH | M8X1.25X50 Socket Head Cap Bolt<br>Torque to 18 ft. lb with Loctite 243 (Blue) | 3   |
| 15   | TC-06862   | AN-8 Flanged Inlet Fitting                                                     | 1   |
| 16   | TC-06869   | Oil Pump Inlet Tube                                                            | 1   |
| 17   | TC-06870   | O-Ring for Inlet Tube,<br>1 in Inlet Fitting, 1 in Pump Body                   | 2   |

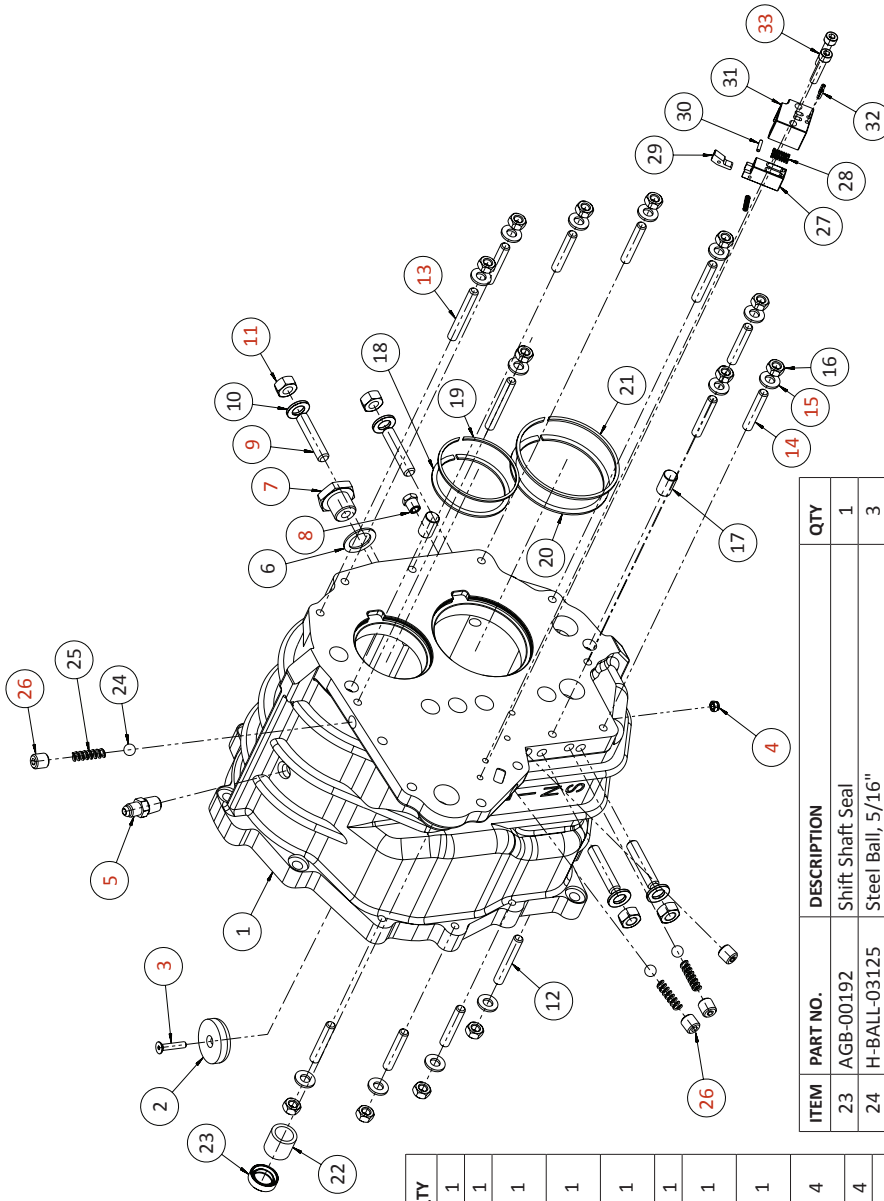
| ITEM | PART NO.    | DESCRIPTION                                                                 | QTY |
|------|-------------|-----------------------------------------------------------------------------|-----|
| 18   | TC-10799    | AN-6 Outlet Fitting<br>Torque to 26 ft. lb with Loctite 243 (Blue)          | 1   |
| 19   | TC-11509    | Seal Holder                                                                 | 1   |
| 20   | H-BM5X16BH  | M5X0.8X16 Button Head Bolt<br>Torque to 5 ft. lb with Loctite 243 (Blue)    | 3   |
| 21   | TC-12362    | O-Ring, Seal Holder to Pump Cover                                           | 1   |
| 22   | H-BM6X12FSH | M6X1X12 Flat Socket Head Bolt<br>Torque to 8 ft. lb with Loctite 243 (Blue) | 3   |
| 23   | TC-24460    | Teflon Sealing Ring, Late Style, Install in I.D. of Stator Support          | 1   |
| (23) | TC-06848    | Teflon Sealing Ring, Old Style, Install on Input Shaft                      | 1   |
| 24   | TC-24523    | Stator Support-Long, Late Style                                             | 1   |
| (24) | TC-05517    | Stator Support, Old Style                                                   | 1   |
| 25   | H-D380500   | 3/8"X1/2" Dowel, Late Stator Support Only                                   | 2   |



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Drawing No: AGB-EXP-TC-PUMP  
Drawing Name: Torque Converter Pump Assembly  
Drawn By: RX  
Revised: 4/7/225

# AGB HIGH SHIFT GEAR HOUSING ASSEMBLY



| ITEM | PART NO.      | DESCRIPTION                                                                | QTY |
|------|---------------|----------------------------------------------------------------------------|-----|
| 1    | AGB-01402     | Gear Housing                                                               | 1   |
| 2    | AGB-00176     | Magnet, Will Need to Open Up Bolt Hole                                     | 1   |
| 3    | H-BM5X25F5H   | Bolt, M5X0.8X25 Flat Socket Head<br>Seal W/3-Bond                          | 1   |
| 4    | H-NLM5        | Nyloc Nut, M5X0.8<br>Seal W/3-Bond                                         | 1   |
| 5    | H-AN414NPT    | Oil Inlet Fitting, AN4X1/4"NPT<br>Torque to 18 ft. lb with 3-Bond Sealant  | 1   |
| 6    | H-WM19-SEAL   | Sealing Washer                                                             | 1   |
| 7    | H-PLUG-34UNFH | Oil Fill Plug, 3/4-16<br>Torque to 50 ft. lb with Loctite 243 (Blue)       | 1   |
| 8    | H-PLUG-18PH   | Brass Plug, 1/8"NPT<br>Torque to 10 ft. lb with 3-Bond Sealant             | 1   |
| 9    | H-SM10X45     | Stud, M8X1.25X45<br>Install with Loctite 272 (Red)                         | 4   |
| 10   | H-WM10        | Flat Washer, 10mm                                                          | 4   |
| 11   | H-NM10        | Hex Nut, M10X1.5 (16mm Hex)<br>Torque to 40 ft. lb with Loctite 243 (Blue) | 4   |
| 12   | H-SM8X55      | Stud, M8X1.25X55<br>Install with Loctite 272 (Red)                         | 1   |
| 13   | H-SM8X62      | Stud, M8X1.25X62<br>Install with Loctite 272 (Red)                         | 2   |
| 14   | H-SM8X46      | Stud, M8X1.25X46<br>Install with Loctite 272 (Red)                         | 10  |
| 15   | H-WM8-17      | Flat Washer, 8mm                                                           | 13  |
| 16   | H-NM8         | Hex Nut, M8X1.25<br>Torque to 18 ft. lb with Loctite 243 (Blue)            | 13  |
| 17   | H-DM12X20     | Dowel, 12X20mm Long                                                        | 2   |
| 18   | AGB-00174     | Circlip for Mainshaft Bearing (On O.D of Bearing)                          | 1   |
| 19   | AGB-00173     | Circlip for Mainshaft Bearing (In I.D of Housing)                          | 1   |
| 20   | AGB-00172     | Circlip of Pinion Bearing (On O.D of Bearing)                              | 1   |
| 21   | AGB-00171     | Circlip of Pinion Bearing (In I.D. of Housing)                             | 1   |
| 22   | AGB-03194     | Shift Shaft Bushing, 16X22X20                                              | 1   |

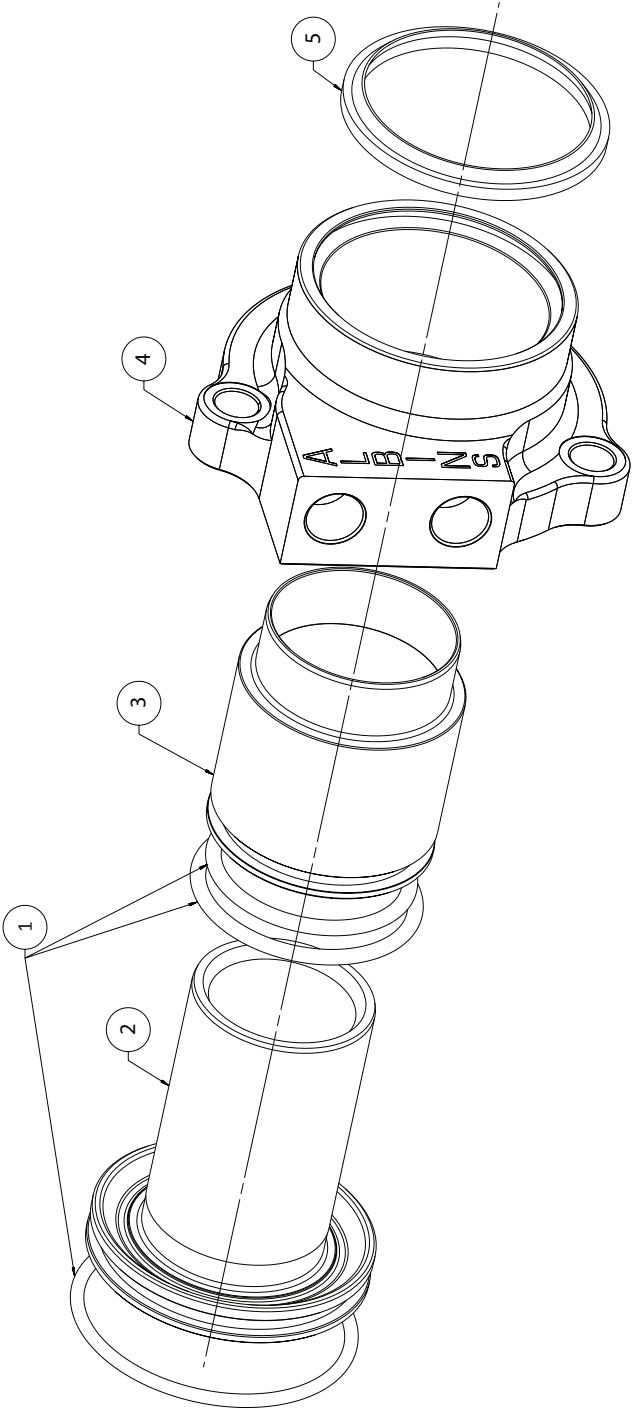
| ITEM | PART NO.     | DESCRIPTION                                                               | QTY |
|------|--------------|---------------------------------------------------------------------------|-----|
| 23   | AGB-00192    | Shift Shaft Seal                                                          | 1   |
| 24   | H-BALL-03125 | Steel Ball, 5/16"                                                         | 3   |
| 25   | AGB-00188    | Spring, 7.6X34mm Long                                                     | 3   |
| 26   | AGB-03196    | Socket Set Screw, M10X12mm Long<br>Seal W/3-Bond                          | 4   |
| 27   | AGB-00289    | Reverse Lockout Trigger                                                   | 1   |
| 28   | AGB-03180    | Spring, 5/32"X9/16" Long                                                  | 3   |
| 29   | AGB-00290    | Reverse Lockout Finger                                                    | 1   |
| 30   | AGB-03181    | Pivot Pin, 2.5X12mm Long                                                  | 1   |
| 31   | AGB-00291    | Reverse Lockout Plate                                                     | 1   |
| 32   | H-RP3X10     | Roll Pin, 3X10                                                            | 2   |
| 33   | H-BM6X30SH   | Socket Head Cap Bolt, M6X30<br>Torque to 8 ft. lb with Loctite 243 (Blue) | 2   |



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Drawing No: AGB-EXP-GH-HS  
Drawing Name: High Shift Gear Housing Assembly  
Drawn By: RX  
Revised: 5/9/23

# AGB SLAVE CYLINDER ASSEMBLY



**Important:** Use only silicone based lube (part # 9-SILICONE) when installing slave cylinder o-rings. Petroleum based grease or oil will attack the o-rings, causing them to swell and eventually fail.

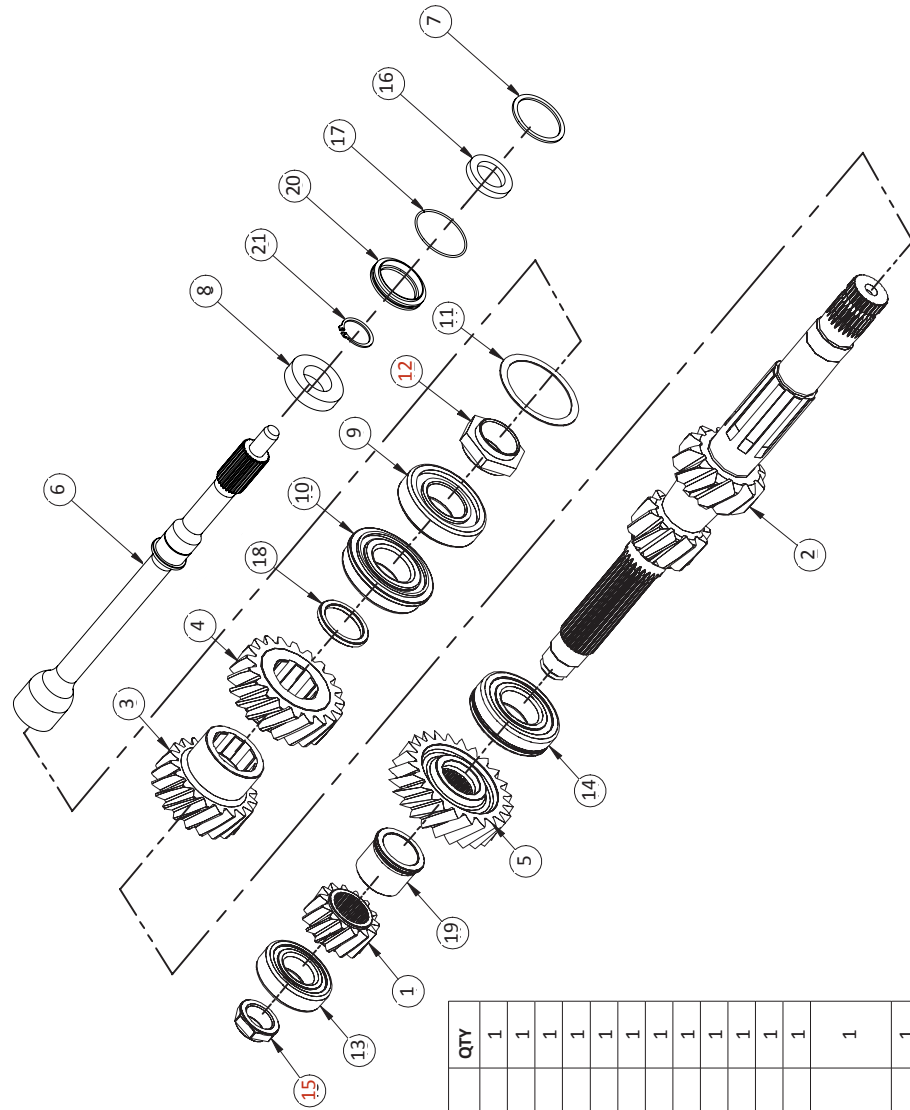
| ITEM | PART NO.  | DESCRIPTION                           | QTY |
|------|-----------|---------------------------------------|-----|
| 1    | SC-00243  | O-Ring Kit                            | 1   |
| 2    | SC-24896  | Center Support Sleeve                 | 1   |
| 3    | SC-05084  | Piston, 36.4mm to Shoulder (standard) | 1   |
| (3)  | SC-20866  | Piston, 31mm to Shoulder (option)     | 1   |
| (3)  | SC-05738  | Piston, 41.2mm to Shoulder (option)   | 1   |
| (3)  | SC-06526  | Piston, 49.0mm to Shoulder (option)   | 1   |
| 4    | SC-05072  | Slave Cylinder Housing                | 1   |
| (4)  | SC-05072A | Slave Cylinder Housing, Short         | 1   |
| 5    | SC-05075  | Piston Wiper                          | 1   |



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Drawing No: AGB-EXP-SLAVE  
Drawing Name: Slave Cylinder Assembly  
Drawn By: RX  
Revised: 6/5/23

AGB 10 GEN 2 MAINSHAFT ASSEMBLY (5-SPEED)



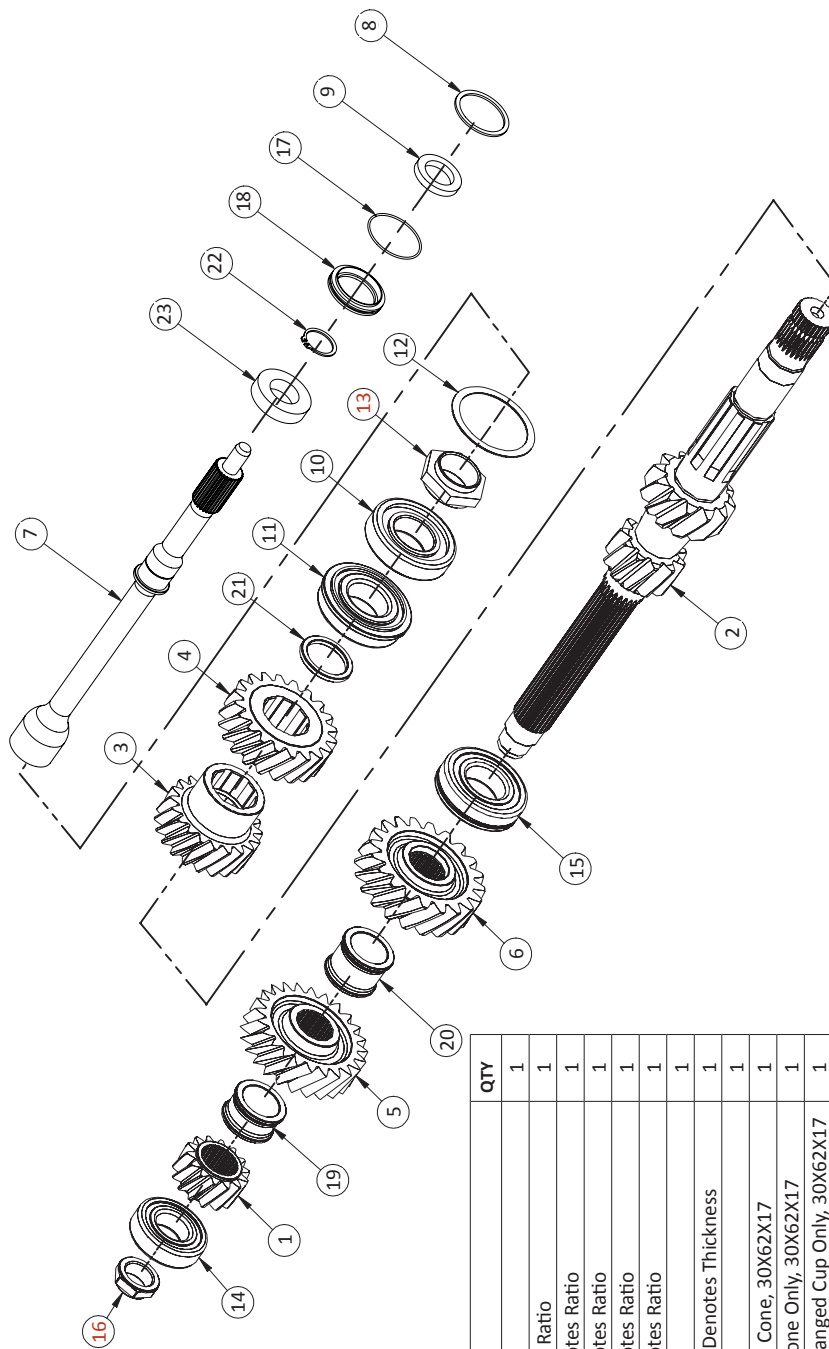
| ITEM | PART NO.        | DESCRIPTION                                                                                               | QTY |
|------|-----------------|-----------------------------------------------------------------------------------------------------------|-----|
| 1    | AGB-01423       | Reverse Gear                                                                                              | 1   |
| 2    | AG2-M5-#####    | Mainshaft, ##### Denotes Ratio                                                                            | 1   |
| 3    | AG2-###S-3      | 3rd Gear Splined, ### Denotes Ratio                                                                       | 1   |
| 4    | AG2-###S-4      | 4th Gear Splined, ### Denotes Ratio                                                                       | 1   |
| 5    | AG2-###S-5      | 5th Gear Splined, ### Denotes Ratio                                                                       | 1   |
| 6    | AGB10-04232     | Input Shaft                                                                                               | 1   |
| 7    | AGB10-07274-### | Shim for Seal Retainer, ### Denotes Thickness                                                             | 1   |
| 8    | AGB10-04233     | Input Shaft Support Bearing                                                                               | 1   |
| 9    | AGB-00232       | Tapered Roller Bearing, Cup and Cone                                                                      | 1   |
| 10   | AGB-00233-CN    | Flanged Tapered Bearing, Cone Only                                                                        | 1   |
| 10   | AGB-00233-CP    | Flanged Tapered Bearing, Flanged Cup Only                                                                 | 1   |
| 11   | AGB-00234-###   | Preload Shim, ### Denotes Thickness                                                                       | 1   |
| 12   | AGB-00238       | Lock Nut W/Shoulder, M30X1.5<br>Torque to 200 ft. lbs with Loctite 272 (Red)<br>Peen Collar in Two Places | 1   |
| 13   | AGB-00249       | Roller Bearing, 25X52X15                                                                                  | 1   |
| 14   | AGB-00251       | Roller Bearing, 30X62X16                                                                                  | 1   |
| 15   | AGB-00252       | Lock Nut, M22X1.5<br>Torque to 200 ft. lbs with Loctite 272 (Red)<br>Peen Collar in Two Places            | 1   |
| 16   | AGB10-04234     | Input Shaft Seal AGB10                                                                                    | 1   |
| 17   | AGB10-04241     | O-ring For Seal Retainer                                                                                  | 1   |
| 18   | AGB-01302       | 4th Gear Spacer, 30X38.5X3.8                                                                              | 1   |
| 19   | AGB-00345       | 5th-Reverse, Spacer Sleeve, 27.7X35X28.15                                                                 | 1   |
| 20   | AGB10-04236     | Input Shaft Seal Retainer                                                                                 | 1   |
| 21   | AGB10-04235     | Input Shaft Snap Ring                                                                                     | 1   |



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Drawing No: AGB10-EXP-MS-DC2-5  
Drawing Name: AGB 10 DC Main Shaft Assembly  
Drawn By: RX  
Revised: 6/9/23

# AGB10 GEN 2 MAINSHAFT ASSEMBLY (6-SPEED)



| ITEM | PART NO.        | DESCRIPTION                                                                                                             | QTY |
|------|-----------------|-------------------------------------------------------------------------------------------------------------------------|-----|
| 1    | AGB-01423       | Reverse Gear                                                                                                            | 1   |
| 2    | AG2-M6-#####    | Mainshaft, ##### Denotes Ratio                                                                                          | 1   |
| 3    | AG2-###S-3      | 3rd Gear, Splined, ### Denotes Ratio                                                                                    | 1   |
| 4    | AGB-###S-4      | 4th Gear, Splined, ### Denotes Ratio                                                                                    | 1   |
| 5    | AG2-###S-5      | 5th Gear, Splined, ### Denotes Ratio                                                                                    | 1   |
| 6    | AG2-###S-5      | 6th Gear, Splined, ### Denotes Ratio                                                                                    | 1   |
| 7    | AGB10-04232     | Input Shaft                                                                                                             | 1   |
| 8    | AGB10-07274-### | Shim For Seal Retainer, ### Denotes Thickness                                                                           | 1   |
| 9    | AGB10-04234     | Input Shaft Seal AGB10                                                                                                  | 1   |
| 10   | AGB-00232       | Tapered Roller Brg, Cup and Cone, 30X62X17                                                                              | 1   |
| 11   | AGB-00233-CN    | Flanged Tapered Bearing, Cone Only, 30X62X17                                                                            | 1   |
| 11   | AGB-00233-CP    | Flanged Tapered Bearing, Flanged Cup Only, 30X62X17                                                                     | 1   |
| 12   | AGB-00234-###   | Preload Shim, ### Denotes Thickness                                                                                     | 1   |
| 13   | AGB-00238       | Lock Nut w/Shoulder, M30X1.5<br><b>Peen Collar in Two Places</b><br><b>Torque to 200 ft. lbs with Loctite 272 (Red)</b> | 1   |
| 14   | AGB-00249       | Roller Bearing, 25X52X15                                                                                                | 1   |
| 15   | AGB-00251       | Roller Bearing, 30X62X16                                                                                                | 1   |
| 16   | AGB-00252       | Lock Nut, M22X1.5<br><b>Peen Collar in Two Places</b><br><b>Torque to 200 ft. lbs with Loctite 272 (Red)</b>            | 1   |
| 17   | AGB10-04241     | O-ring For Seal Retainer                                                                                                | 1   |
| 18   | AGB10-04236     | Input Shaft Seal Retainer                                                                                               | 1   |
| 19   | AGB-00270       | Spacer Sleeve, 27,7X38X21.25                                                                                            | 1   |
| 20   | AGB-00271       | Spacer Sleeve, 27,7X38X28.8                                                                                             | 1   |
| 21   | AGB-01302       | Spacer Ring, 30X38.5X3.8                                                                                                | 1   |
| 22   | AGB10-04235     | Input Shaft Snap Ring                                                                                                   | 1   |
| 23   | AGB10-04233     | Input Shaft Support Bearing                                                                                             | 1   |



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Drawing No: AGB10-EXP-MS-DC2-6  
Drawing Name: AGB10 Gen 2 Main Shaft Assembly  
Drawn By: RX  
Revised: 6/9/23