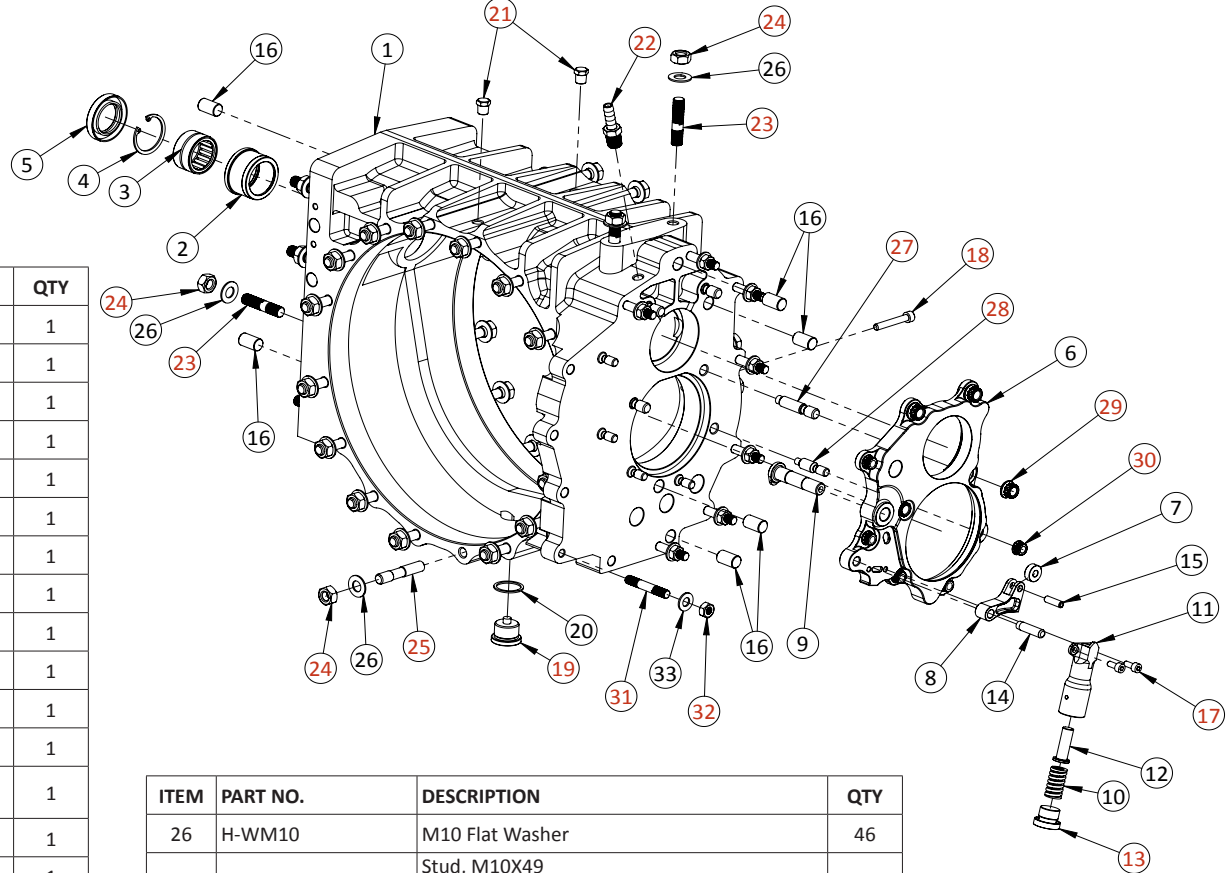


AGB R4 MAIN CASE ASSEMBLY



ITEM	PART NO.	DESCRIPTION	QTY
26	H-WM10	M10 Flat Washer	46
27	AGB-32837	Stud, M10X49 Install with Loctite 272 (Red)	4
28	AGB-39678	Machined M8/M10 Stud Install with Loctite 272 (Red)	5
29	H-NM10-12PT	M10 12 Point Nut Torque to 40 ft. lb. with Loctite 243 (Blue)	4
30	H-NM8-12PT	M8 12 Point Nut Torque to 18 ft. lb. with Loctite 243 (Blue)	5
31	H-SM8X50	M8X50mm Stud Install with Loctite 272 (Red)	8
32	H-NM8	M8 Nut Torque to 18 ft. lb. with Loctite 243 (Blue)	8
33	H-WM8	M8 Flat Washer	8

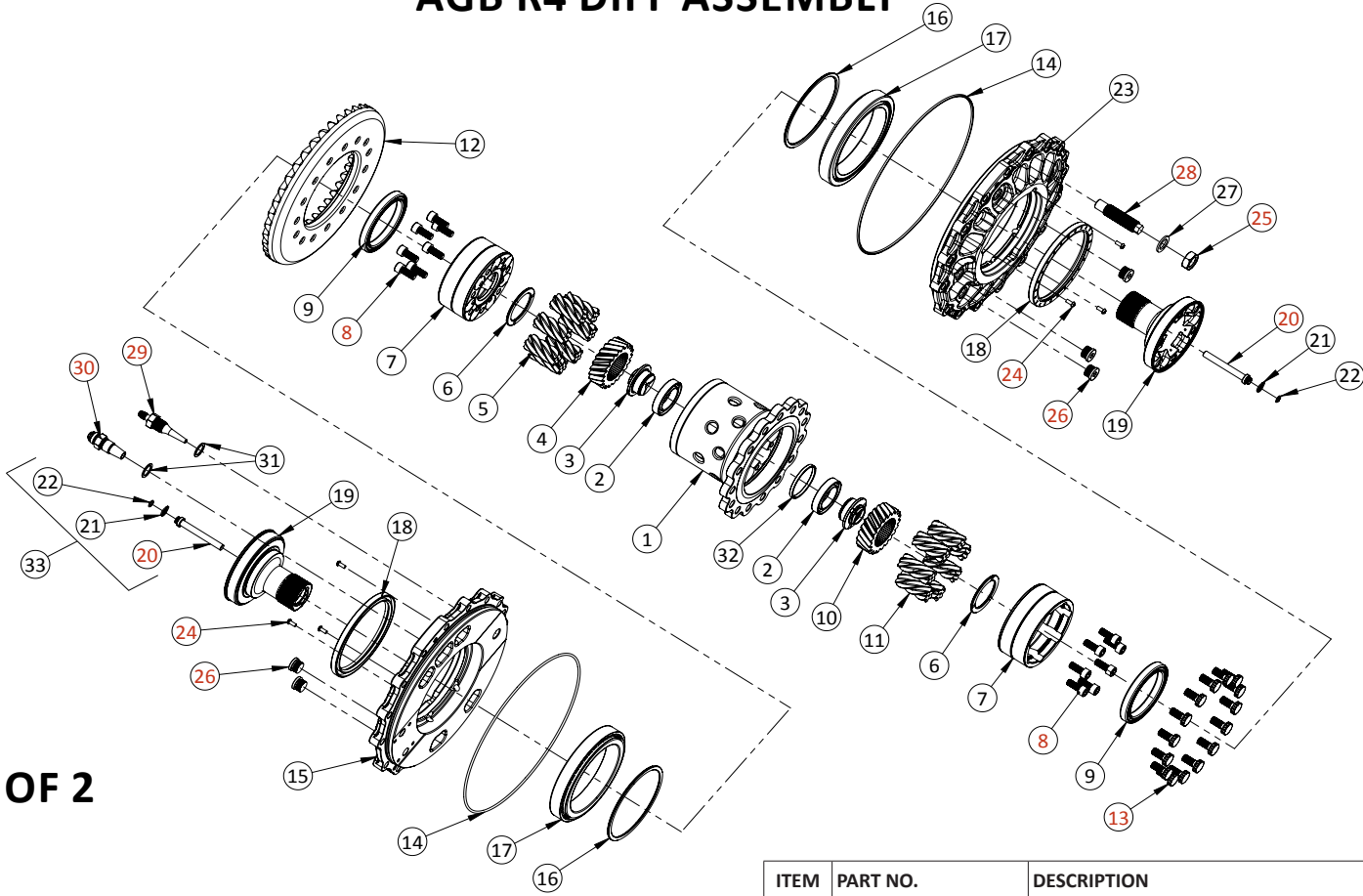
ITEM	PART NO.	DESCRIPTION	QTY
1	AGB-39677	AGB Sequential Main Case	1
2	AGB-00135	Sleeve for Input Shaft Bearing	1
3	AGB-00131	Input Shaft Support Bearing, 28X37X20	1
4	AGB-00132	Circlip	1
5	AGB-00133	Input Shaft Seal	1
6	AGB-39266	Bearing Retainer Plate	1
7	AGB-00356	Detent Roller	1
8	AGB-00357	Detent Rocker	1
9	AGB-00360	Drum Locating Stud, M12X1.25X541	1
10	AGB-10856	Spring for Detent Plunger	1
11	AGB-10857	Plunger Body for Detent Assembly	1
12	AGB-10859	Plunger for Detent Assembly	1
13	AGB-13290	Plug for Detent Assembly Torque to 26 ft. lb. with Loctite 243 (Blue)	1
14	H-DM8X30	M8X30mm Hardened Dowel Pin	1
15	H-RP6X20	Roll Pin, 6X20	1
16	H-DM12X20	M12X20mm Dowel	6
17	H-BM5X12SH	M5X0.8X12mm Socket Head Cap Bolt Install with Loctite 243 (Blue)	2
18	H-BM6X40SH	M6X40mm Socket Head Cap Bolt, Modified Seal W/ 3-Bond	1
19	AGB-00162	Magnetic Drain Plug, M22X1.5 Torque to 50 ft. lb. with Loctite 243 (Blue)	1
20	AGB-00163	Copper Sealing Washer, 22X27	1
21	H-PLUG-18PH	Brass Plug, 1/8"NPT Torque to 10 ft. lb with 3-Bond Sealant	2
22	H-VENT-18PX516B	Breather, 1/8"NPT X 5/16" Barb Torque to 10 ft. lb. with 3-Bond Sealant	1
23	H-SM10X45	Stud, M10X1.5X45 Install with Loctite 272 (Red)	12
24	H-NM10	M10X1.5 Hex Nut Torque to 40 ft. lb. with Loctite 243 (Blue)	46
25	H-SM10X55	Stud, M10X1.5X55 Install with Loctite 272 (Red)	34



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Drawing No: AGB-R4-EXP-CASE
Drawing Name: AGB R4 Main Case Assembly
Drawn By: CM
Revised: 8/7/26

AGB R4 DIFF ASSEMBLY



PAGE 1 OF 2

ITEM	PART NO.	DESCRIPTION	QTY
1	AGB-39060	Planetary Diff Carrier	1
2	ST6-14879	Bearing, 40X62X12	2
3	AGB-39063	Sun Gear Nut Insert	2
4	AGB-39065	Sun Gear, LH Helix	1
5	AGB-00263	Planet Gear, RH Helix	7
6	AGB-39066	Diff Thrust Washer 52X70.5X3.0	2
7	AGB-39061	Diff Carrier Cap	2
8	H-BM10X25SH	Socket Head Cap Bolt, M10X25 Torque to 70 ft. lb. with Loctite 272 (Red)	14
9	AGB-00116	Drive Flange Support Bearing	2
10	AGB-39064	Sun Gear, RH Helix	1
11	AGB-00264	Planet Gear, LH Helix	7

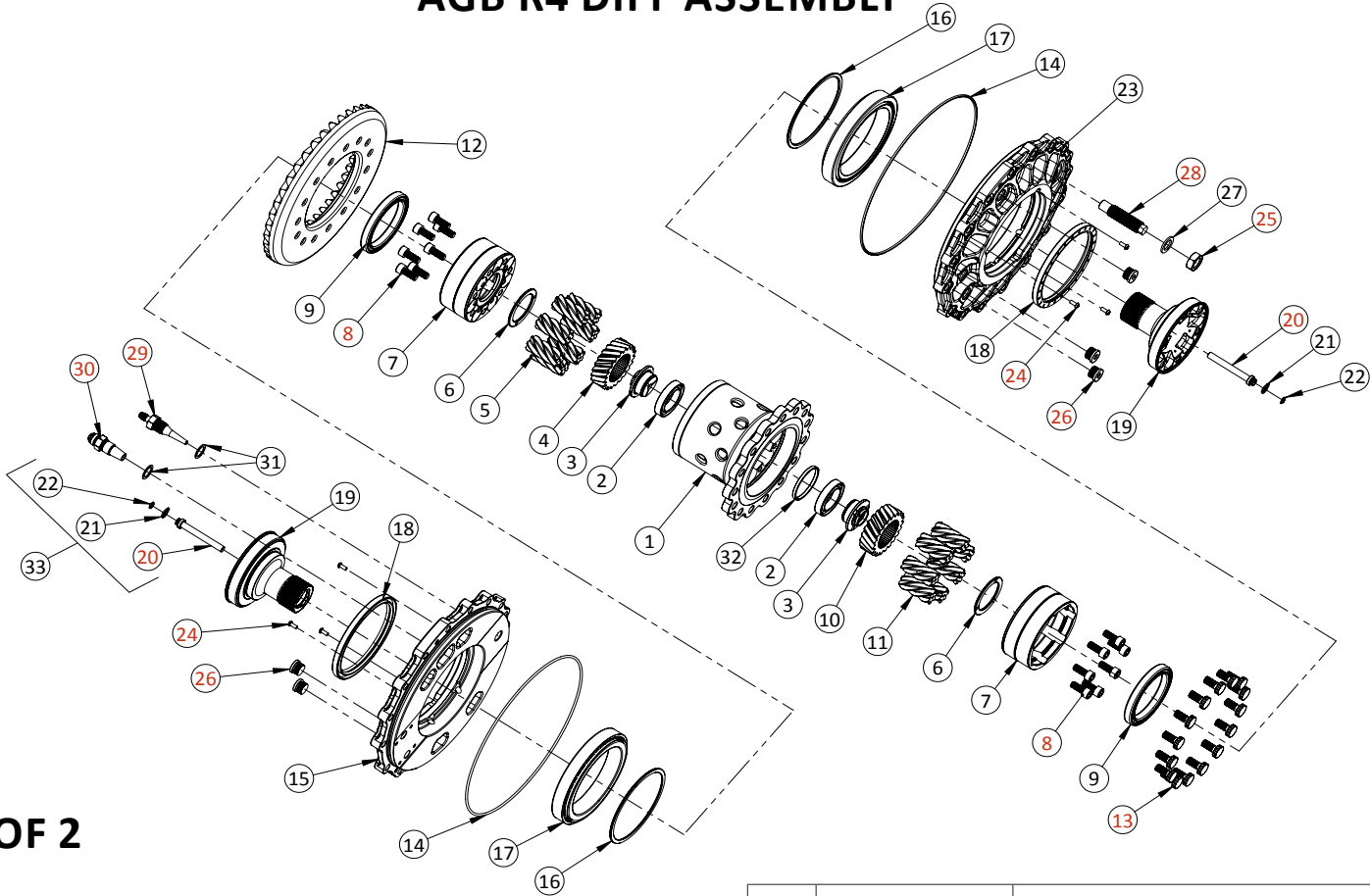
ITEM	PART NO.	DESCRIPTION	QTY
12	AGB-RP5-###	R&P Set, 5-Speed, ### Denotes Ratio	1
13	H-B716201000XHD	Ring Gear Bolt Torque to 95 ft. lb. with Loctite 272 (Red)	15
14	AGB-00104	Side Cover O-Ring	2
15	AGB-38067	Right Side Cover	1
16	AGB-00140-###	Differential Shim, ### Denotes Thickness	2
17	AGB-00114-CN & AGB-00114-CP	Diff Carrier Bearing	2
18	AGB-00108	Drive Flange Seal	2



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Drawing No: AGB-R4-EXP-DIFF
Drawing Name: AGB R4 Diff Assembly
Drawn By: CM
Revised: 7/21/26

AGB R4 DIFF ASSEMBLY



PAGE 2 OF 2

ITEM	PART NO.	DESCRIPTION	QTY
19	AGB-39062	Drive Flange, R4	2
20	AGB-00142-B-3	Drive Flange Retaining Bolt Torque to 63 ft. lb. with Loctite 242 (Blue)	2
21	AGB-00142-B-2	Locking Retainer	2
22	AGB-00142-B-1	Circlip	2
23	AGB-38066	Left Sidecover	1
24	H-BM5X12BH	Seal Retaining Screw Install with Loctite 243 (Blue)	6
25	H-JN3416	Lock Nut for Load Bolt, 3/4" UNF Torque to 63 ft. lb. with Loctite 243 (Blue)	1
26	AGB-00109-A	3/4"-16 UNF O-Ring Plug Torque to 26 ft. lb. with Loctite 243 (Blue)	5
27	AGB-00197	Steel Washer for Load Bolt Lock Nut	1

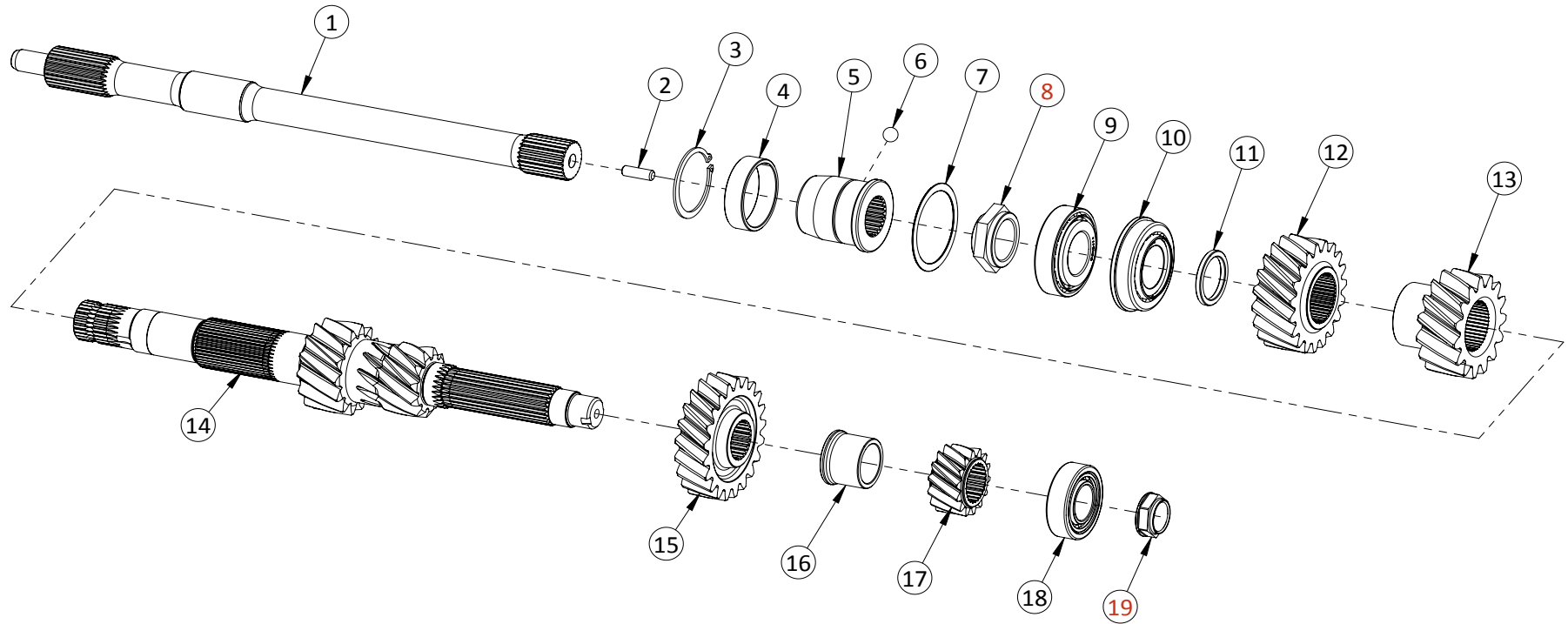
ITEM	PART NO.	DESCRIPTION	QTY
28	MD-945	Bronze Load Bolt Seal W/ 3-Bond	1
29	AGB-00340	Oil Inlet Fitting, for Pinion Head Seal W/ 3-Bond	1
30	AGB-00341	Oil Pickup Fitting (Outlet) 3/4" UNF Seal W/ 3-Bond	1
31	H-WM19-SEAL	Sealing Washer	2
32	AGB-39171	Bearing Spacer	1
33	AGB-00142-B	Drive Flange Retaining Bolt Kit, Includes Bolt, Circlip, and Locking Retainer	2



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Drawing No: AGB-R4-EXP-DIFF
Drawing Name: AGB R4 DIFF Assembly
Drawn By: CM
Revised: 7/21/26

AGB R4 MAIN SHAFT ASSEMBLY (5-SPEED)



ITEM	PART NO.	DESCRIPTION	QTY
1	AGB-00143-B	Input Shaft, 26-Spline	1
(1)	AGB-00143-C	12.7" Longer Input Shaft	1
2	N-902-210-01	Input Shaft Connecting Stud	1
3	AGB-00257	Circlip, Retains Input Coupler Sleeve	1
4	AGB-00258	Ball Retaining Sleeve	1
5	AGB-00344	Input Coupler	1
6	H-BALL-M10	Ball, 10mm	1
7	AGB-00234-###	Mainshaft Bearing Preload Shim, ### Denotes Thickness	1
8	AGB-00238	Lock Nut w/ Shoulder, M30X1.5 Torque to 200 ft. lb. with Loctite 272 (Red) Peen Collar in Two Places	1
9	AGB-00232	Tapered Roller Brg, Cup and Cone	1
10	AGB-00233-CN AGB-00233-CP	Flanged Tapered Bearing Cup and Cone	1
11	AGB-01302	4th Gear Spacer, 30X38.5X3.8	1
12	AG4-###S-4	4th Gear, Splined, ### Denotes Ratio	1

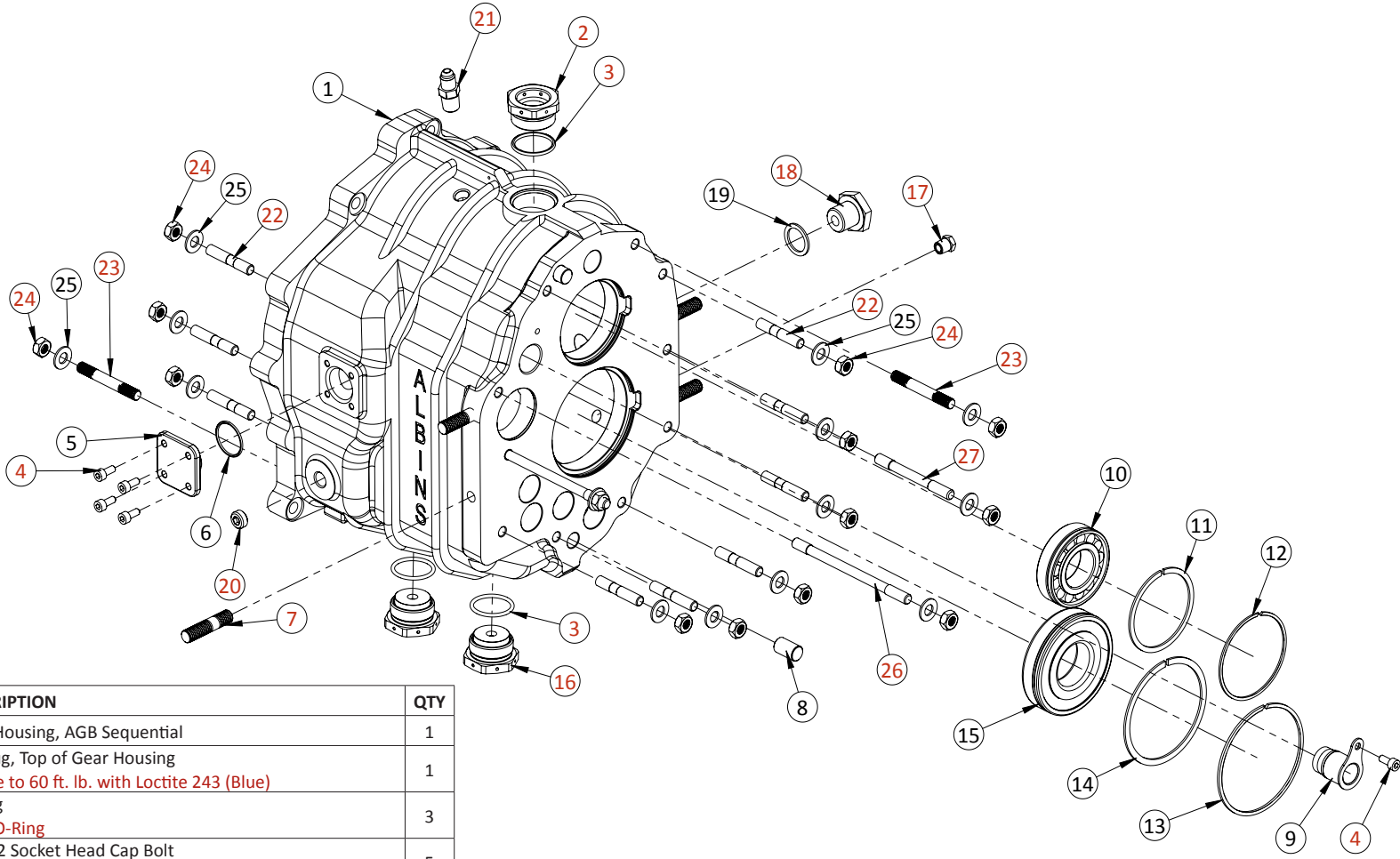
ITEM	PART NO.	DESCRIPTION	QTY
13	AG4-###S-3	3rd Gear, Splined, ### Denotes Ratio	1
14	AG4-M5-#####	Mainshaft, ##### Denotes Ratio	1
15	AG2-###S-5	5th Gear Splined, ### Denotes Ratio	1
16	AGB-00345	5th-Reverse, Spacer Sleeve	1
17	AGB-01423	Reverse Gear, Main Shaft	1
18	AGB-00249	Roller Bearing, 25X52X15	1
19	AGB-00252	Lock Nut, M22X1.5 Torque to 200 ft. lb. with Loctite 272 (Red) Peen Collar in Two Places	1



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Drawing No: AGB-R4-EXP-M5
Drawing Name: AGB R4 Main Shaft Assembly
Drawn By: CM
Revised: 8/10/26

AGB R4 GEAR HOUSING ASSEMBLY



ITEM	PART NO.	DESCRIPTION	QTY
1	AGB-39202	Gear Housing, AGB Sequential	1
2	AGB-14293	Fill Plug, Top of Gear Housing Torque to 60 ft. lb. with Loctite 243 (Blue)	1
3	AGB-05544	O-Ring Lube O-Ring	3
4	H-BM5X12SH	M5X12 Socket Head Cap Bolt Torque to 5 ft. lb. with Loctite 243 (Blue)	5
5	AGB-14275	Plug for Side Entry Reverse Lockout	1
6	AGB-13606	O-Ring	1
7	H-SM10X45	M10X1.5X45 Stud Install with Loctite 272 (Red)	4
8	H-DM12X20	12X20mm Dowel	2
9	AGB-00363	Middle Bushing for Shift Rails	2
10	AGB-00251	Roller Bearing for MS 30X62X16	1
11	AGB-00174	Circlip for MS Bearing (On O.D. of Bearing)	1
12	AGB-00173	Circlip for MS Bearing (On I.D. of Housing)	1
13	AGB-00171	Circlip for PS Bearing (In I.D. of Housing)	1
14	AGB-00172	Circlip for PS Bearing (On O.D. of Bearing)	1
15	AGB-00147	Roller Bearing for PS	1

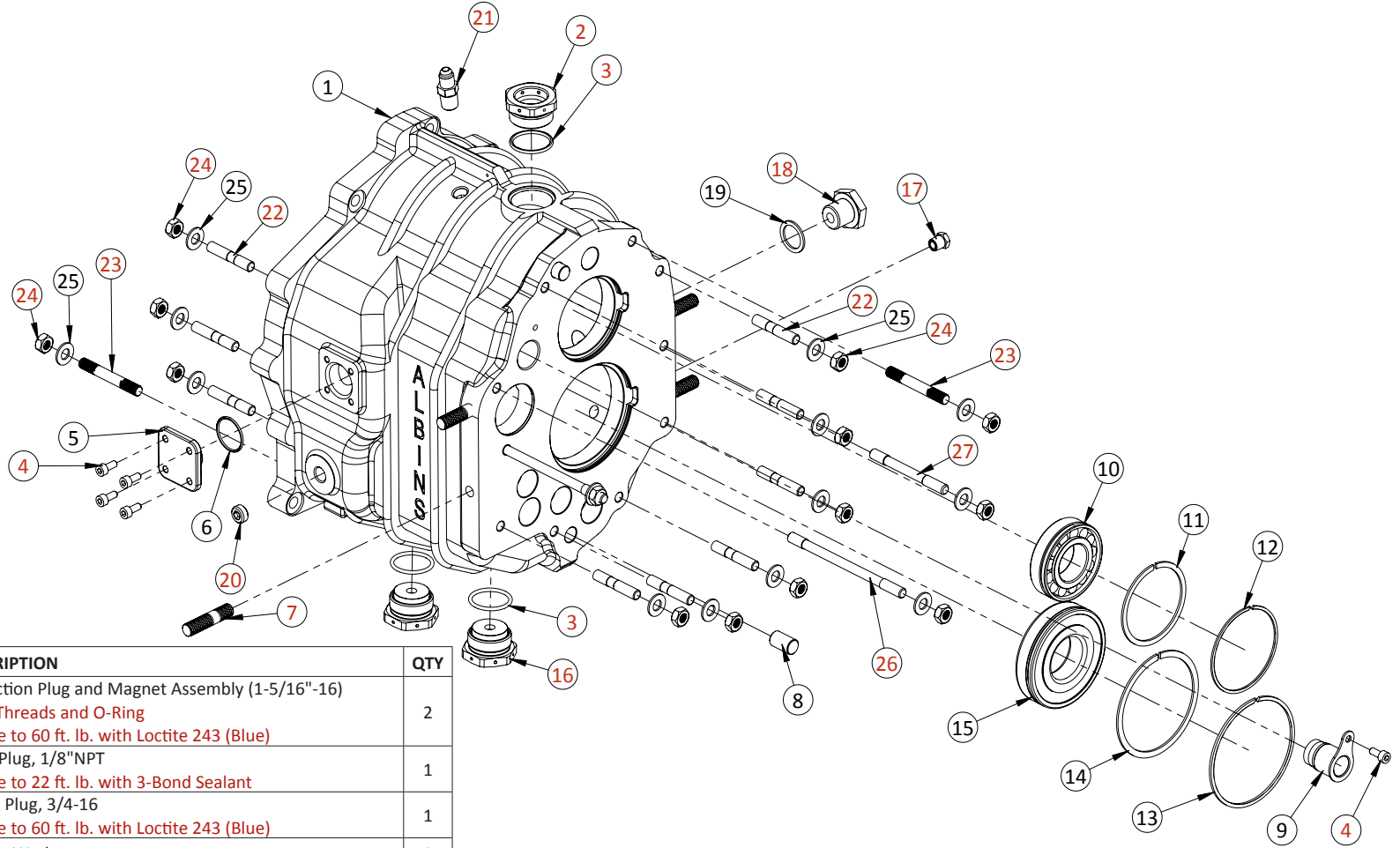
PAGE 1 OF 2



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Drawing No: AGB-R4-EXP-G5
Drawing Name: AGB R4 Gear Housing Assembly
Drawn By: CM
Revised: 8/10/26

AGB R4 GEAR HOUSING ASSEMBLY



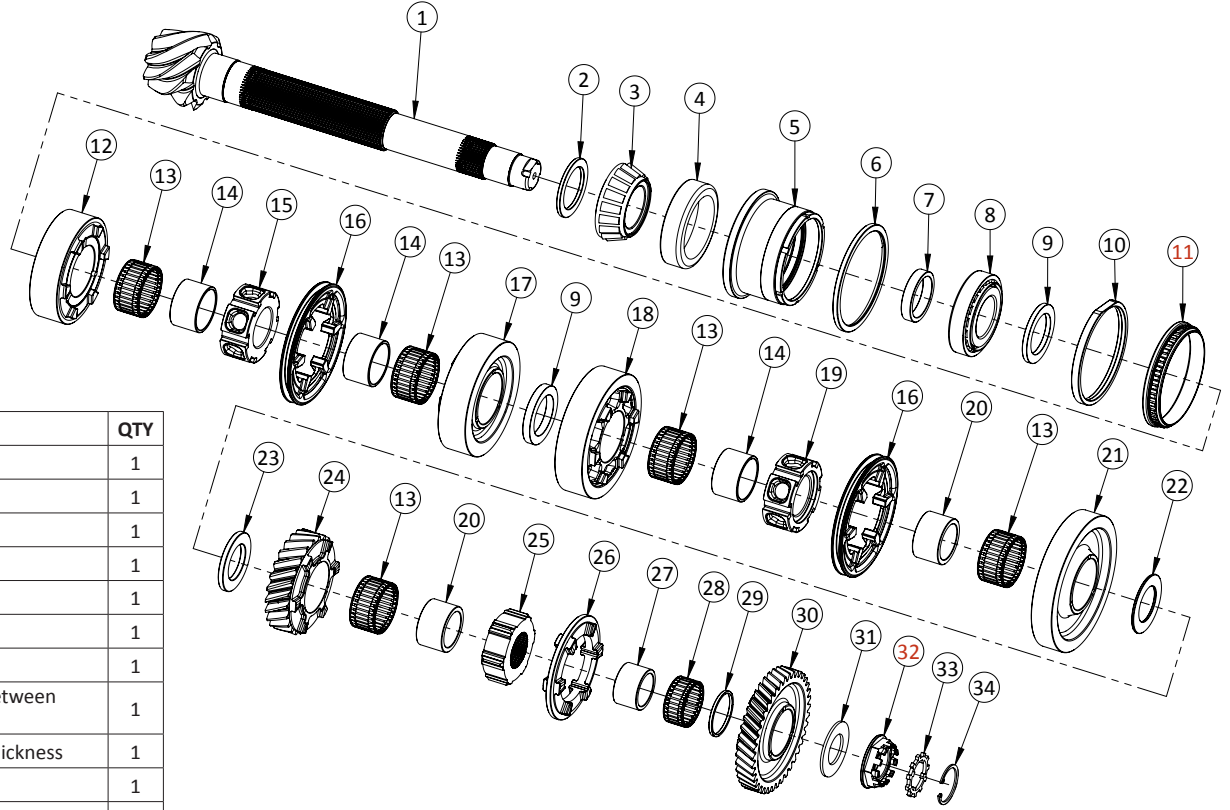
ITEM	PART NO.	DESCRIPTION	QTY
16	AGB-21004	Inspection Plug and Magnet Assembly (1-5/16"-16) Lube Threads and O-Ring Torque to 60 ft. lb. with Loctite 243 (Blue)	2
17	H-PLUG-18PH	Brass Plug, 1/8"NPT Torque to 22 ft. lb. with 3-Bond Sealant	1
18	H-PLUG-34UNFH	Oil Fill Plug, 3/4-16 Torque to 60 ft. lb. with Loctite 243 (Blue)	1
19	H-WM19-SEAL	Sealing Washer	1
20	H-PLUG-14PISD	1/4" Pipe Plug Torque to 18 ft. lb. with Loctite 243 (Blue)	1
21	H-AN414NPT	AN4-1/4" NPT Seal with 3-Bond	1
22	H-SM8X45	M8X45mm Stud Install with Loctite 272 (Red)	9
23	H-SM8X60	M8X60mm Stud Install with Loctite 272 (Red)	2
24	H-NM8	M8 Nut Torque to 18 ft. lb. with Loctite 243 (Blue)	14
25	H-WM8-17	M8 Flat Washer	14
26	H-SM8X123	M8X123mm Stud Install with Loctite 272 (Red)	2
27	H-SM8X80	M8X80mm Stud Install with Loctite 272 (Red)	1

PAGE 2 OF 2

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Drawing No: AGB-R4-EXP-G5
 Drawing Name: AGB R4 Gear Housing Assembly
 Drawn By: CM
 Revised: 8/10/26

AGB R4 PINION SHAFT ASSEMBLY (5-SPEED)



ITEM	PART NO.	DESCRIPTION	QTY
1	AGB-RP5-###	Pinion Shaft, New Style, ### Denotes Ratio	1
2	AGB-05620-###	Pinion Depth Shim, ### Denotes Thickness	1
3	AGB-05622	Large Pinion Bearing Cone	1
4	AGB-05630	Large Pinion Bearing Cup	1
5	AGB-05617	Pinion Bearing Carrier	1
(5)	AGB-05617-20	0.20mm Oversize Pinion Bearing Carrier	1
(5)	AGB-05617-40	0.40mm Oversize Pinion Bearing Carrier	1
6	AGB-06406	Spacer Ring for Pinion Bearing Carrier, Goes Between Bearing Collar and Case.	1
7	AGB-05619-###	Pinion Bearing Preload Spacer, ### Denotes Thickness	1
8	AGB-05621	Small Pinion Bearing Cone	1
9	AGB-04058-###	Thrust Washer, ### Denotes Thickness	2
10	AGB-05616	Spacer for Pinion Retainer Nut, Goes between Retaining Nut and Main Case	1
11	AGB-05623	Pinion Bearing Retaining Nut Torque to 50 ft. lb. with Loctite 243 (Blue)	1
12	AG4-###I	4th Gear Idler, ### Denotes Ratio	1
13	4-455027	Needle Bearing, 45X50X27	5
14	AGB-00327	Bearing Race for 2nd, 3rd, and 4th	3
15	AGB-38993	3rd/4th Slider Hub	1
16	ST6-24278	ST6 Slider, Gen 3	2
17	AG4-###I	3rd Gear Idler, ### Denotes Ratio	1
18	AG4-###I	2nd Gear Idler, ### Denotes Ratio	1
19	AGB-38992	1st/2nd Slider Hub	1
20	AGB-00328	Bearing Race, 35X45X27, for 1st and 5th	1
21	AG4-###I	1st Gear Idler, ### Denotes Ratio	1
22	AGB-39122	Thrust Washer, 35X58X2.05	1
23	AGB-06474-###	5th Gear Thrust Washer, ### Denotes Thickness	1
24	AG2-###5-I	5th Gear Idler, ### Denotes Ratio	1

ITEM	PART NO.	DESCRIPTION	QTY
25	AGB-00337	5th/Reverse Slider Hub	1
26	AGB-00338	5th/Reverse slider	1
27	AGB-00326	Reverse Bearing Race, 32X40X24.5	1
28	4-404521	Needle Bearing, 40X45X21	1
29	AGB-00329	Bearing Spacer, 40X45X3	1
30	AGB-01985	Reverse Gear, Pinion Shaft	1
31	AGB-00377	Reverse Thrust Washer, 30X54X3	1
32	AGB-06171	Locking Nut, M30X1.5, 5-Speed Torque to 200 ft. lb. with Loctite 272 (Red)	1
33	AGB-06173	Lock Washer	1
34	AGB-00132	Circlip	1



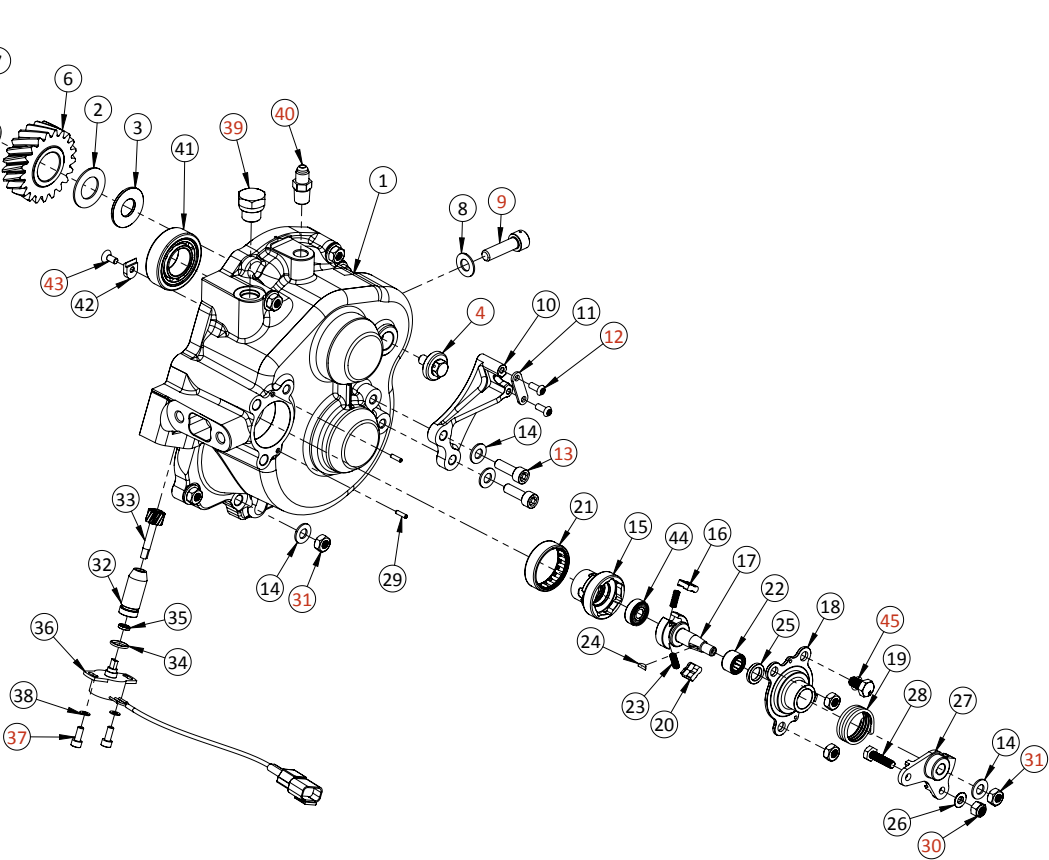
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Drawing No: AGB-R4-EXP-P5
Drawing Name: AGB R4 Pinion Shaft Assembly
Drawn By: CM
Revised: 8/7/26

AGB R4 NOSECONE ASSEMBLY

PAGE 1 OF 2

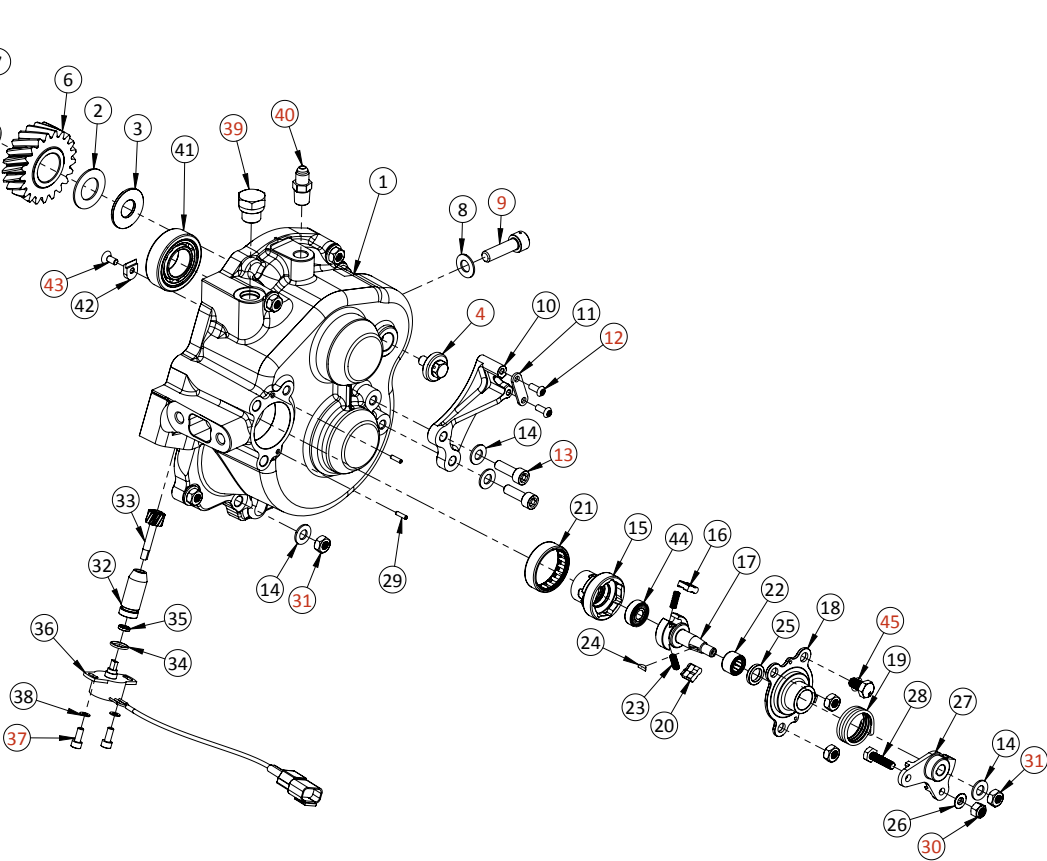
ITEM	PART NO.	DESCRIPTION	QTY
1	AGB-00352	Nosecone, Sequential	1
2	AGB-00182	Reverse Idler Thrust Washer	2
3	AGB-00183	Reverse Idler Shaft Sandwich Washer	1
4	AGB-00184	Retaining Bolt for Reverse Idler Shaft Torque to 18 ft. lb. with Loctite 272 (Red) Safety Wire to H-BM1035SH-D (#9)	1
5	AGB-00183	Reverse Idler Shaft	1
6	AGB-01424	Reverse Intermediate Idler Gear	1
7	4-202624	Needle Roller bearing, 20X26X24	1
8	H-WM10	Flat Washer, 10mm	1
9	H-BM10X35SH-D	Socket Head Bolt, M10X1.5X35, Drilled Torque to 40 ft. lb. with Loctite 272 (Red) Safety Wire to AGB-00184 (#4)	1
10	AGB-03719	Cable Mount Bracket	1
11	AGB-03720	Cable Mount Retainer Plate	1
12	H-BM5X12BH	Button Head Screw, M5X0.8X10 Torque to 5 ft. lb. with Loctite 243 (Blue)	2
13	H-BM8X25SH	M8X1.25X25 Socket Head Cap Bolt Torque to 18 ft. lb. with Loctite 243 (Blue)	2
14	H-WM8-17	8mm Flat Washer	4
15	AGB-00364	Ratchet Outer	1
16	AGB-00365	Ratchet Pawl, Right Hand	1
17	AGB-00366	Ratchet Shaft	1
18	AGB-00367	Retaining Plate for Ratchet Assembly	1
19	AGB-00380	Lever Return Spring	1
20	AGB-00395	Ratchet Pawl, Left Hand	1
21	AGB-03551	Needle bearing for Shift Drum, 35X42X12	1
22	AGB-03553	Bearing for Ratchet Shaft, 12X18X14	1
23	AGB-03825	Spring for Ratchet Pawl	2
24	AGB-03826	Woodruff Key	1



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	Drawing Name:	AGB R4 Nosecone Assembly
	Drawn By:	CM
	Revised:	8/7/26

AGB R4 NOSECONE ASSEMBLY

PAGE 2 OF 2



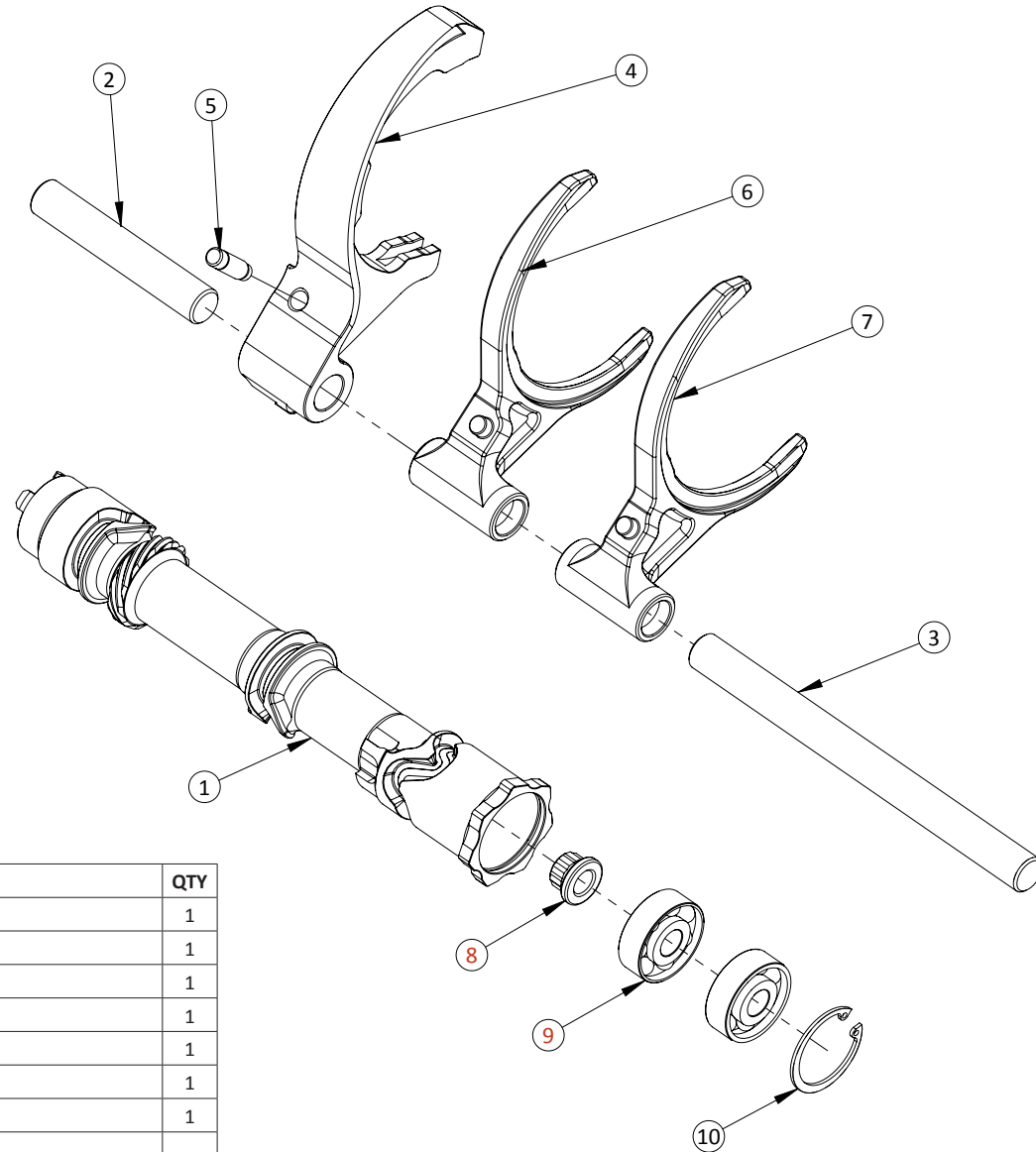
ITEM	PART NO.	DESCRIPTION	QTY
25	AGB-05777	Seal for Ratchet Shaft	1
26	AGB-10881	1/4" Spacer for Cable End	1
27	AGB-00354	Ratchet Lever Arm	1
28	H-B14281031H	1/4-28X1.031" Hex Bolt	1
29	H-DM3X12	M3X12mm Dowel	2
30	H-NL1428	1/4-28 Nyloc Nut Torque to 8 ft. lb. with Loctite 243 (Blue)	1
31	H-NM8	Hex Nut, M8X1.25 Torque to 18 ft. lb. with Loctite 243 (Blue)	12
32	AGB-00350	Sleeve for Potentiometer Drive	1
33	AGB-00351	Potentiometer Drive Gear	1
34	AGB-03546	O-Ring for Potentiometer Drive Sleeve	1
35	AGB-03547	Seal for Potentiometer Shaft	1
36	ST6-20850	Potentiometer	1
37	H-BM4X12SH	Socket Head Cap Bolt, M4X12 Install with Loctite 243 (Blue)	2
38	H-WM4	Flat Washer, 4mm	2
39	AGB-03962	Plug for Reverse Lock Out Assembly	1
40	H-AN414NPT	Oil Inlet Fitting, AN4X1/4"NPT Seal W/3-Bond	1
41	AGB-00249	Roller Bearing, 25X52X15	1
42	AGB-03819	Retaining Tab	1
43	H0BM5X12FSH	M5X12 Flat Socket Head Bolt	1
44	8-AGB5-03781	Ball Bearing, 8X22X27	1



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Drawing No: AGB-R4-EXP-NC
Drawing Name: AGB R4 Nosecone Assembly
Drawn By: CM
Revised: 8/7/26

AGB R4 SHIFT DRUM AND FORKS ASSEMBLY (5-SPEED)



ITEM	PART NO.	DESCRIPTION	QTY
1	AGB-38942	R4 Shift Drum, R-N-1-2-3-4-5	1
2	AGB-00397	Shift Rail, 16X94mm Long	1
3	AGB-00361	Shift Rail, 16X190mm Long	1
4	AGB-03579	5th-Reverse Shift Fork	1
5	AGB-00399	Drive Pin for Shift Fork	1
6	AGB-38994	1st/2nd Shift Fork	1
7	AGB-38995	3rd/4th Shift Fork	1
8	AGB-00333	12 Point Nut to Retain Shift Drum Torque to 40 ft. lb. with Loctite 272 (Red)	1
9	AGB-03550	Angular Contact Bearing, 12X30X12 Must Face Opposite Direction, Install with bearing Cages Facing Each Other	2
10	AGB-00132	Circlip	1

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	Drawing Name:	AGB R4 Shift Drum and Fork Assembly
	Drawn By:	CM
	Revised:	8/5/26