Fabco TC-28 Transfer case Parts Manual

Pro Gear Fabco TC-28 Transfer case Parts Manual to assist in identifying your Fabco unit.

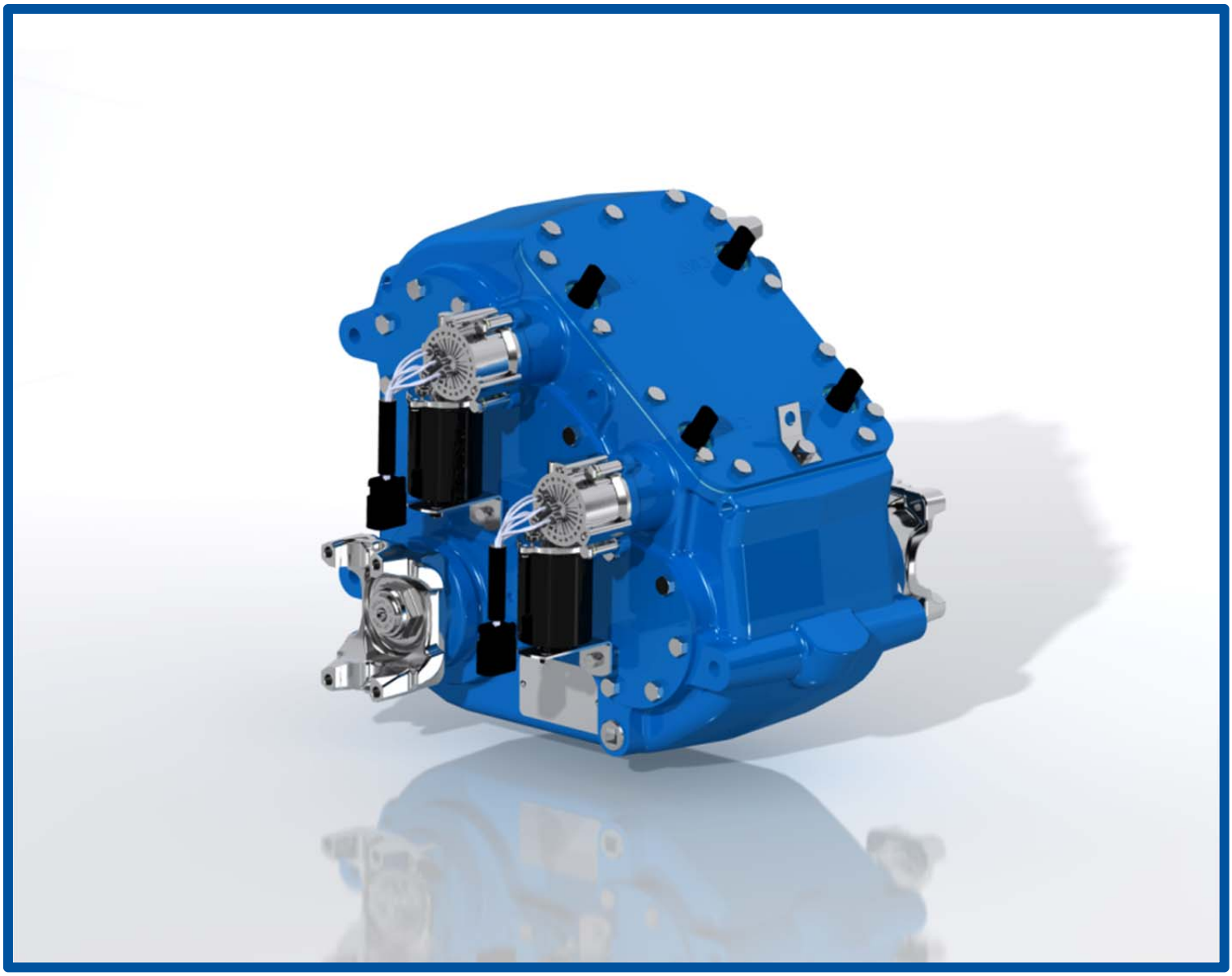
If you need any assistance identifying the correct transfer case unit for your truck and equipment, contact your Fabco replacement part specialists at Pro Gear and Transmission.

Pro Gear Transmission has same day shipping and 1000’s of products in stock and ready to ship internationally for your next project.

For parts or service contact the Fabco specialists at Pro Gear & Transmission, Inc.

1 (877) 776-4600
(407) 872-1901
parts@eprogear.com

Parts Manual
Transfer Case – Model TC 28
625-0551 Revision A



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Notes

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To Use This Parts Manual

1. Refer to the exploded view which illustrates the needed part.
2. Find the required part in the exploded view and then note the item number
3. Locate the item number in the parts list for part number, description and quantity.

NOTE: When ordering parts, specify model number, part number, serial number or other information that is on the Fabco nameplate located on the transfer case housing.

Part numbers contained in this manual were in effect at the time the manual was approved for printing and are subject to change without notice or liability. Fabco Automotive Corporation reserves the right to change parts at any time.

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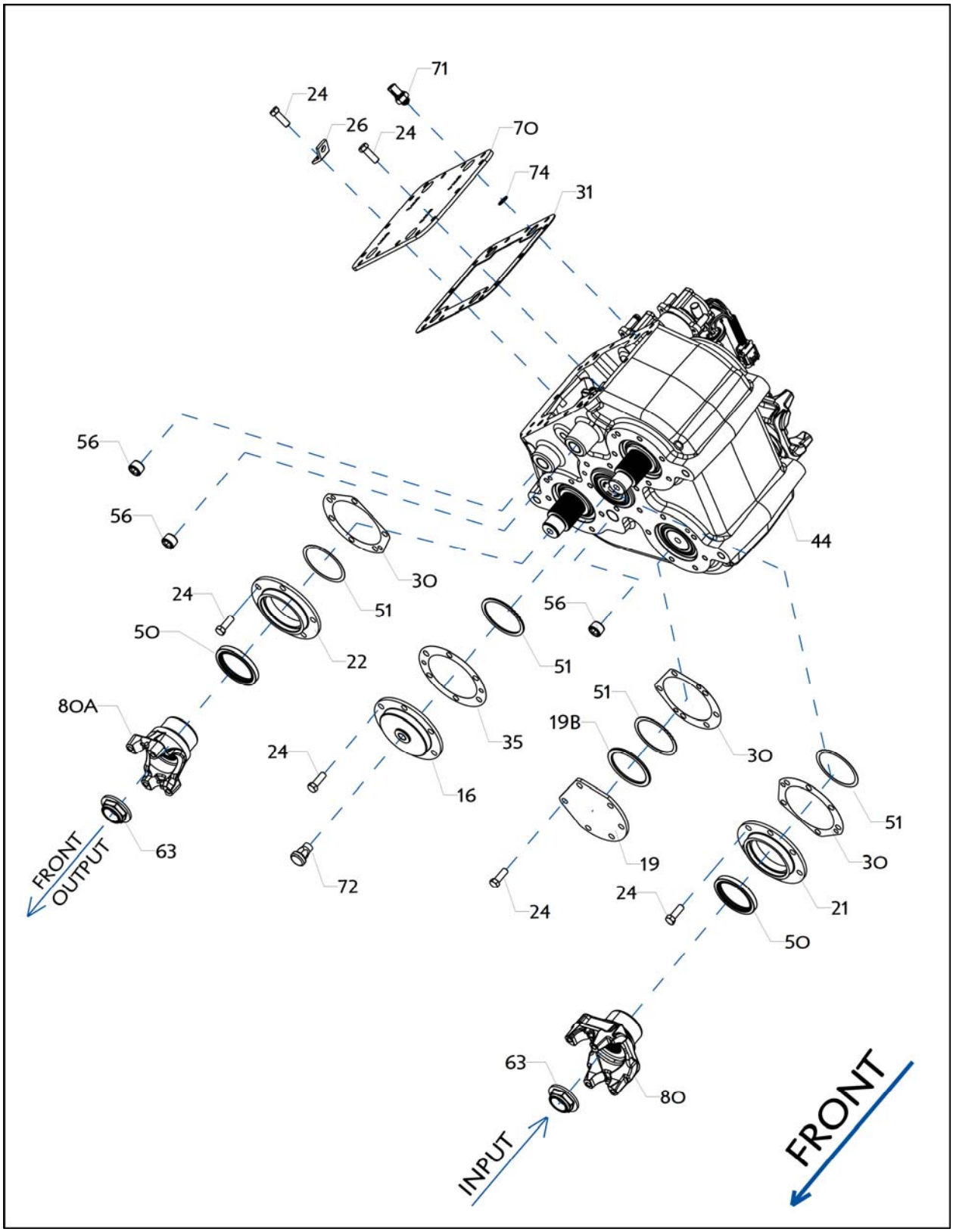
Main Housing and Related Parts



Main Housing and Related Parts

ITEM	PART NUMBER	DESCRIPTION	QTY
16	235-0736	CAP, INTERMEDIATE, VENT	1
19	235-0738	CAP, PLATE	1
19B	756-0372	RING, CAP, SPACER	1
21	237-0749	CARRIER, SEAL, INPUT	1
22	237-0752	CARRIER, SEAL, FRONT OUT	1
24	265-0239	BOLT, 7/16-14 x 1, GRADE 5, HH	38
26	273-0687	BRACKET, LIFTING	1
30	427-0339	GASKET, CARRIER	3
31	427-0573	GASKET, COVER PLATE	1
35	427-0575	GASKET, INTERMEDIATE	1
44	478-0377	HOUSING, MACHINED	1
50	732-0384	SEAL, OIL	2
51	744-0377-001	*SHIM, INTERNAL, .002 THICK	*
	744-0377-002	*SHIM, INTERNAL, .005 THICK	*
	744-0377-003	*SHIM, INTERNAL, .015 THICK	*
	744-0377-004	*SHIM, INTERNAL, .030 THICK	*
	*SELECT SHIM COMBINATION TO ACHIEVE .001 TO .005 FLOAT.		
56	758-0229	PLUG, 3/4 NPT SQUARE COUNTERSUNK	3
63	775-0446	NUT, HEX, LOCK, FLANGED, M36 x 1.5	2
70	793-0694	PLATE, COVER	1
71	798-0366	SWITCH, LIMIT, ELECTRIC SHIFT, NC	4
72	836-0223	VENT, BREATHER, 3/8 NPT	1
74	927-0427	WASHER, COPPER, SEALING	10
80	964-0364	YOKE, END, SPL 90/100 SERIES.	1
80A	964-0443	YOKE, END, SPL 55/1480 SERIES.	1

NOTE: THE FOLLOWING ITEMS NOT SHOWN FOR CLARITY.

37	429-0342	HARNESS, ELCTRICAL, SHIFT	1
81	255-0468	CLAMP, TYRAP, BLACK	1

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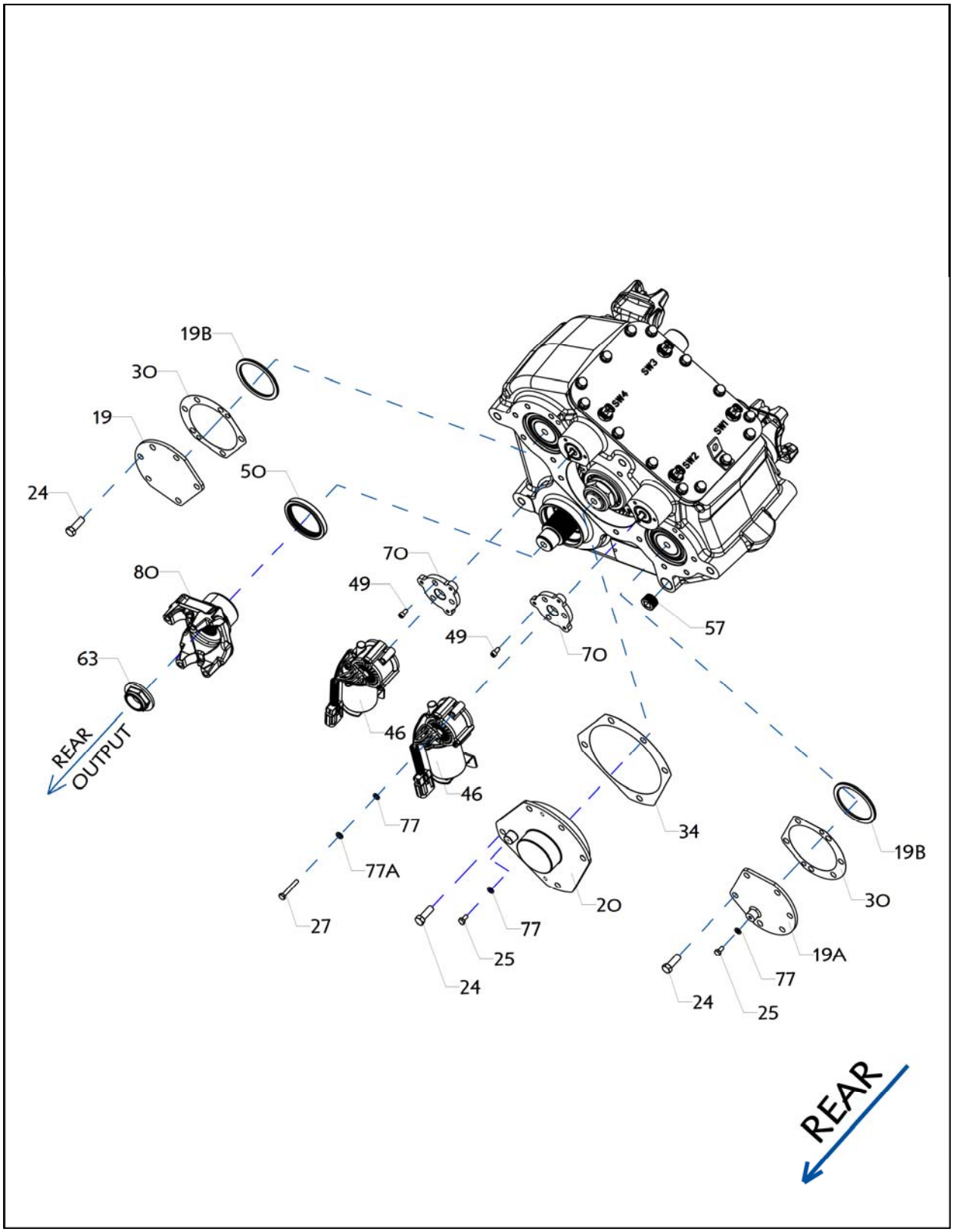
Main Housing and Related Parts



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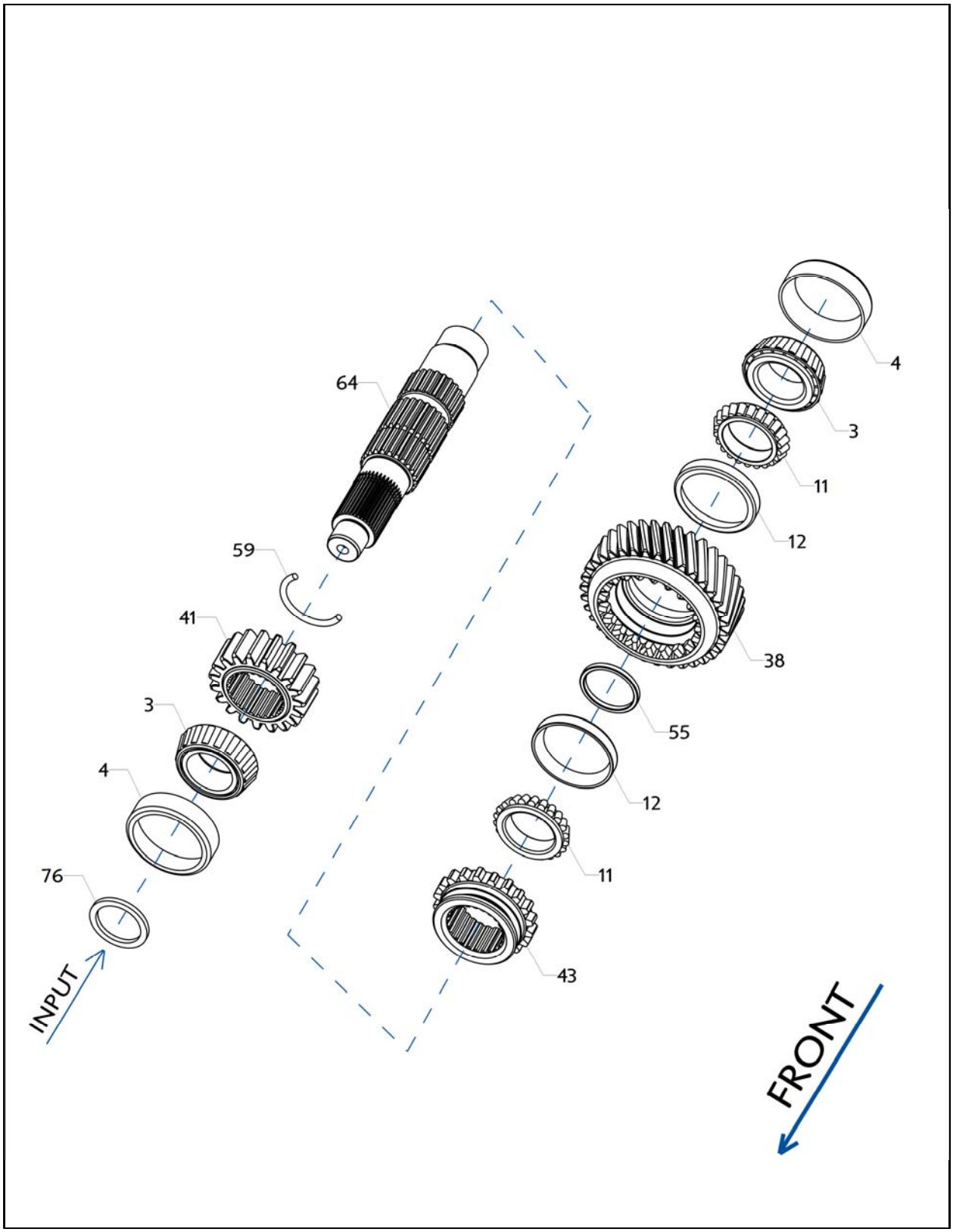
Main Housing, Bearing Caps/Carriers and Related Parts

ITEM	PART NUMBER	DESCRIPTION	QTY
19	235-0738	CAP, PLATE	1
19A	235-1738	CAP, ASSEMBLY, PLATE	1
19B		CALL WITH DIMENSIONS	2
20	235-0763	CAP, INTERMEDIATE, BEARING	1
24	265-0239	BOLT, 7/16-14 x 1, GRADE 5, HH	16
25	265-0343	BOLT, 1/4-20 x 1/2 GRADE 5, HH	2
27	283-0332	SCREW, 1/4-20 X 1-3/4, HEX HEAD, GRD 8	6
30	427-0339	GASKET, CARRIER	2
34	427-0574	GASKET, INTERMEDIATE	1
46	668-0283	MOTOR, SHIFT, ELECTRIC, TC-28	2
49	724-0782	SCREW, CAP SOCKET HEAD, 1/4-20 x 1/2 LG	6
50	732-0384	SEAL, OIL	1
57	758-0274	PLUG, 3/4 NPT SQUARE SOCKET HEAD MAGNETIC	1
63	775-0446	NUT, HEX, LOCK, FLANGED, M36x1.5	1
70	793-0697	PLATE, ADAPTER, MOTOR	2
77	927-0889	WASHER, ID 9/32 DIA X OD 1/2 DIA	8
77A	927-0338	WASHER, 1/4, SPRING LOCK (SPLIT)	6
80	964-0364	YOKE, END, SPL 90/100 SERIES.	1

Input Shaft and Related Parts



Input Shaft and Related Parts

ITEM	PART NUMBER	DESCRIPTION	QTY
3	233-0598	BEARING CONE	2
4	233-0599	BEARING CUP	2
11	233-0628	BEARING CONE	2
12	233-0629	BEARING CUP	2
38	432-0833	GEAR, HIGH RANGE, 35 TEETH	1
41	432-0837	GEAR, LOW RANGE, 19 TEETH	1
43	432-0839	GEAR, CLUTCH	1
55	756-0368-001	RING, BEARING SPACER, .279 THICK	*
	756-0368-002	RING, BEARING SPACER, .282 THICK	*
	756-0368-003	RING, BEARING SPACER, .285 THICK	*
	756-0368-004	RING, BEARING SPACER, .288 THICK	*
	756-0368-005	RING, BEARING SPACER, .291 THICK	*
	756-0368-006	RING, BEARING SPACER, .294 THICK	*
	756-0368-007	RING, BEARING SPACER, .276 THICK	*
	756-0368-008	RING, BEARING SPACER, .273 THICK	*
	*SELECT SPACER TO ACHIEVE .001 TO .005 SHAFT FLOAT.		
59	762-0345	RING, SPLIT RETAINING	1
64	776-0427	SHAFT, INPUT	1
76	927-0888	WASHER, SPACER, TC-28	1

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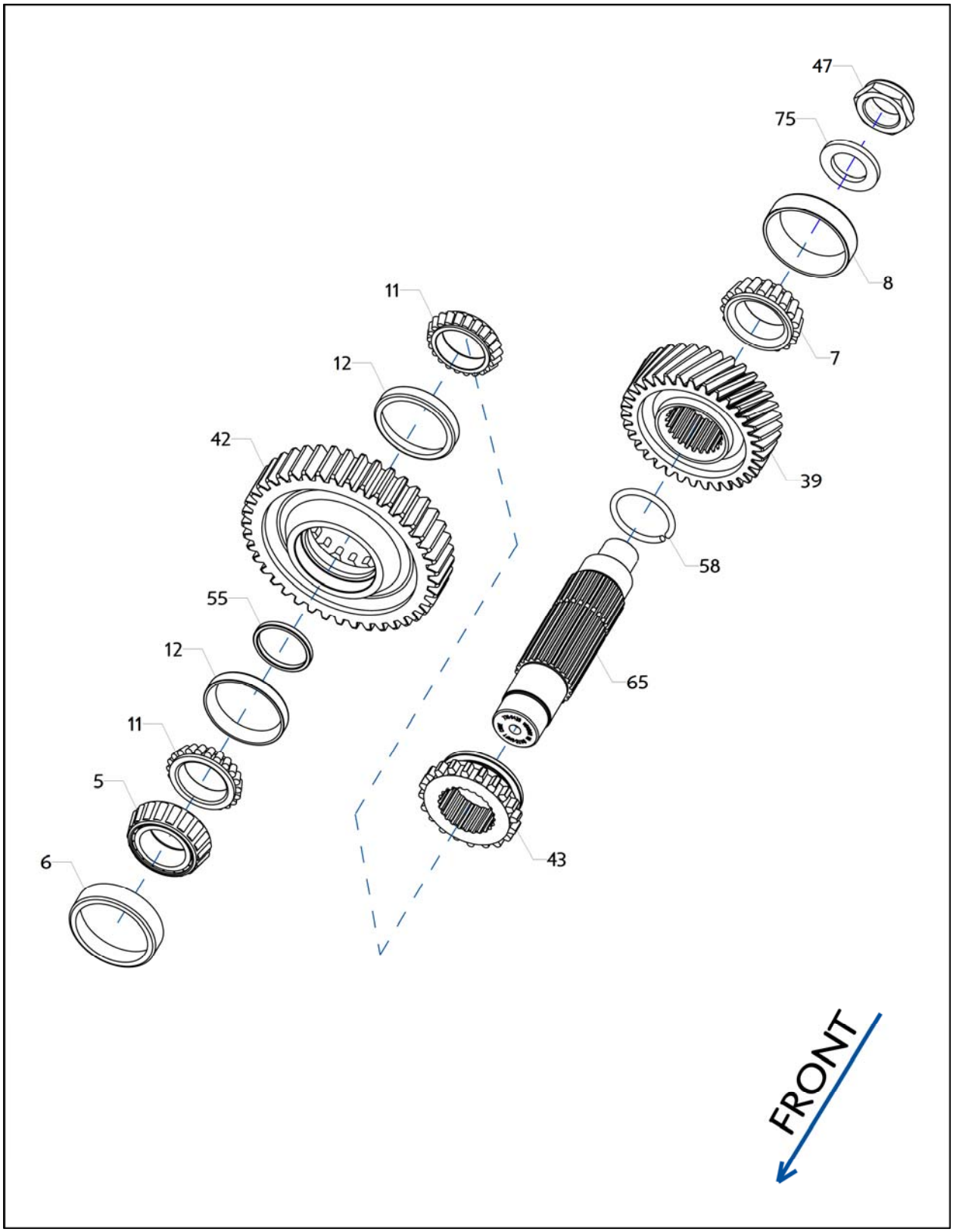
Intermediate Shaft and Related Parts



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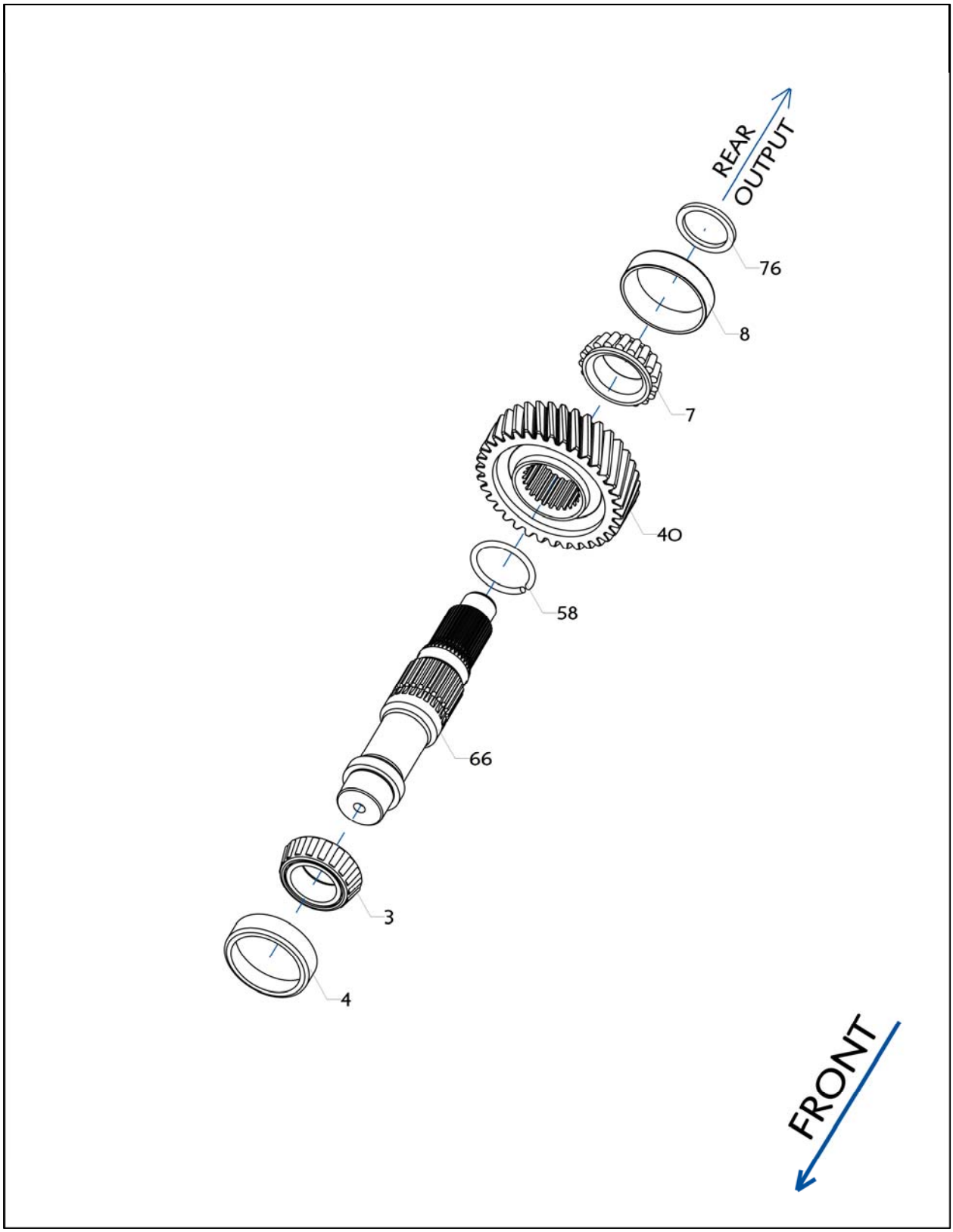
Intermediate Shaft and Related Parts

ITEM	PART NUMBER	DESCRIPTION	QTY
5	233-0622	BEARING CONE	1
6	233-0623	BEARING CUP	1
7	233-0624	BEARING CONE	1
8	233-0625	BEARING CUP	1
11	233-0628	BEARING CONE	2
12	233-0629	BEARING CUP	2
39	432-0834	GEAR, HIGH RANGE, 34 TEETH	1
42	432-0838	GEAR, LOW RANGE, 41 TEETH	1
43	432-0839	GEAR, CLUTCH	1
47	688-0694	NUT, 1 1/2-12, HEX, SELF LOCKING	1
55	756-0368-001	RING, BEARING SPACER, .279 THICK	*
	756-0368-002	RING, BEARING SPACER, .282 THICK	*
	756-0368-003	RING, BEARING SPACER, .285 THICK	*
	756-0368-004	RING, BEARING SPACER, .288 THICK	*
	756-0368-005	RING, BEARING SPACER, .291 THICK	*
	756-0368-006	RING, BEARING SPACER, .294 THICK	*
	756-0368-007	RING, BEARING SPACER, .276 THICK	*
	756-0368-008	RING, BEARING SPACER, .273 THICK	*
	*SELECT SPACER TO ACHIEVE .001 TO .005 SHAFT FLOAT.		
58	762-0292	RING, SPLIT RETAINING	1
65	776-0435	SHAFT, INTERMEDIATE	1
75	927-0775-007	WASHER, INT. SHAFT, REAR	1

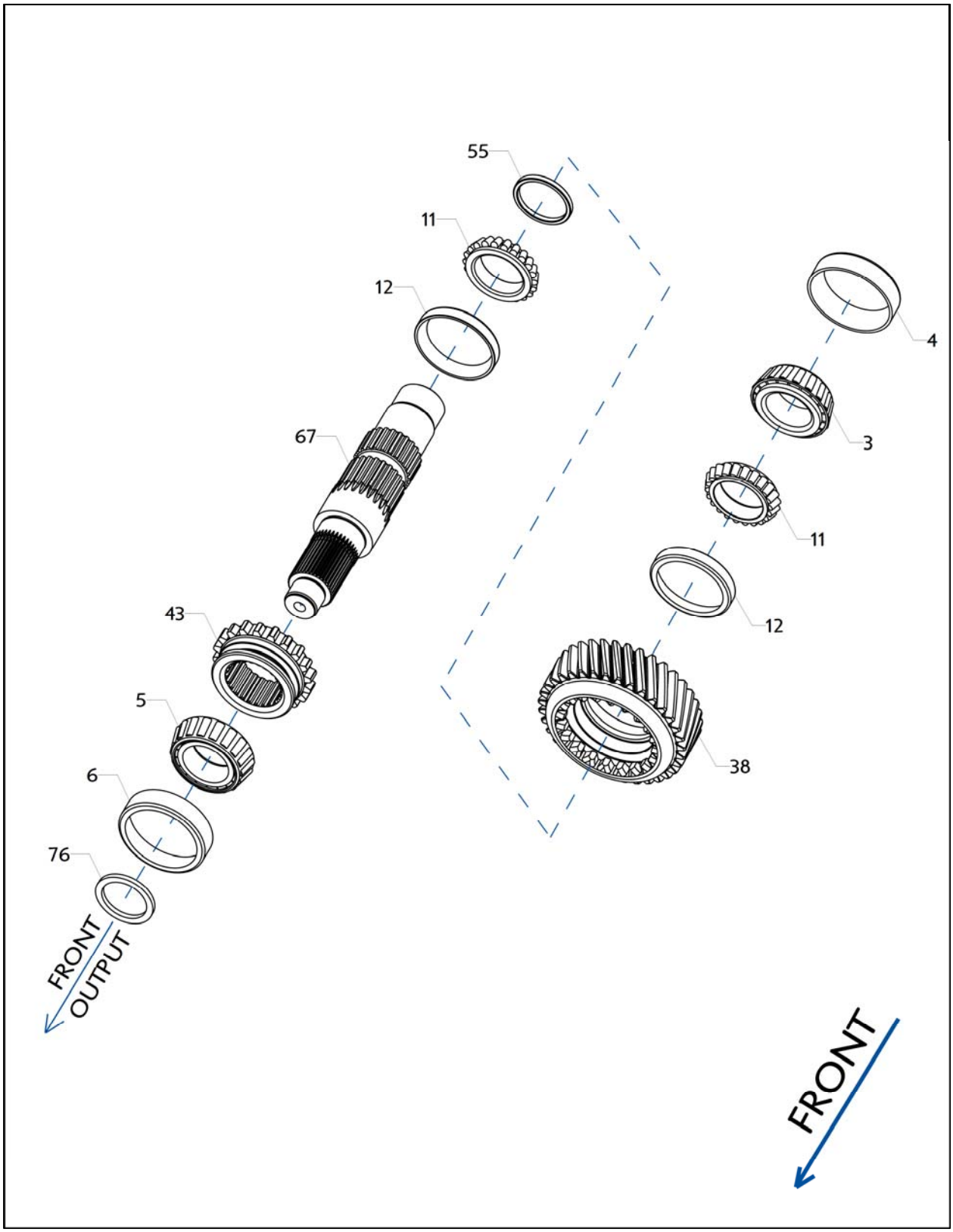
Rear Axle Output Shaft and Related Parts



Rear Axle Output Shaft and Related Parts

ITEM	PART NUMBER	DESCRIPTION	QTY
3	233-0598	BEARING CONE	1
4	233-0599	BEARING CUP	1
7	233-0624	BEARING CONE	1
8	233-0625	BEARING CUP	1
40	432-0836	GEAR, HIGH RANGE, 35 TEETH	1
58	762-0292	RING, SPLIT RETAINING	1
66	776-0429	SHAFT, REAR OUTPUT	1
76	927-0888	WASHER, SPACER, TC-28	1

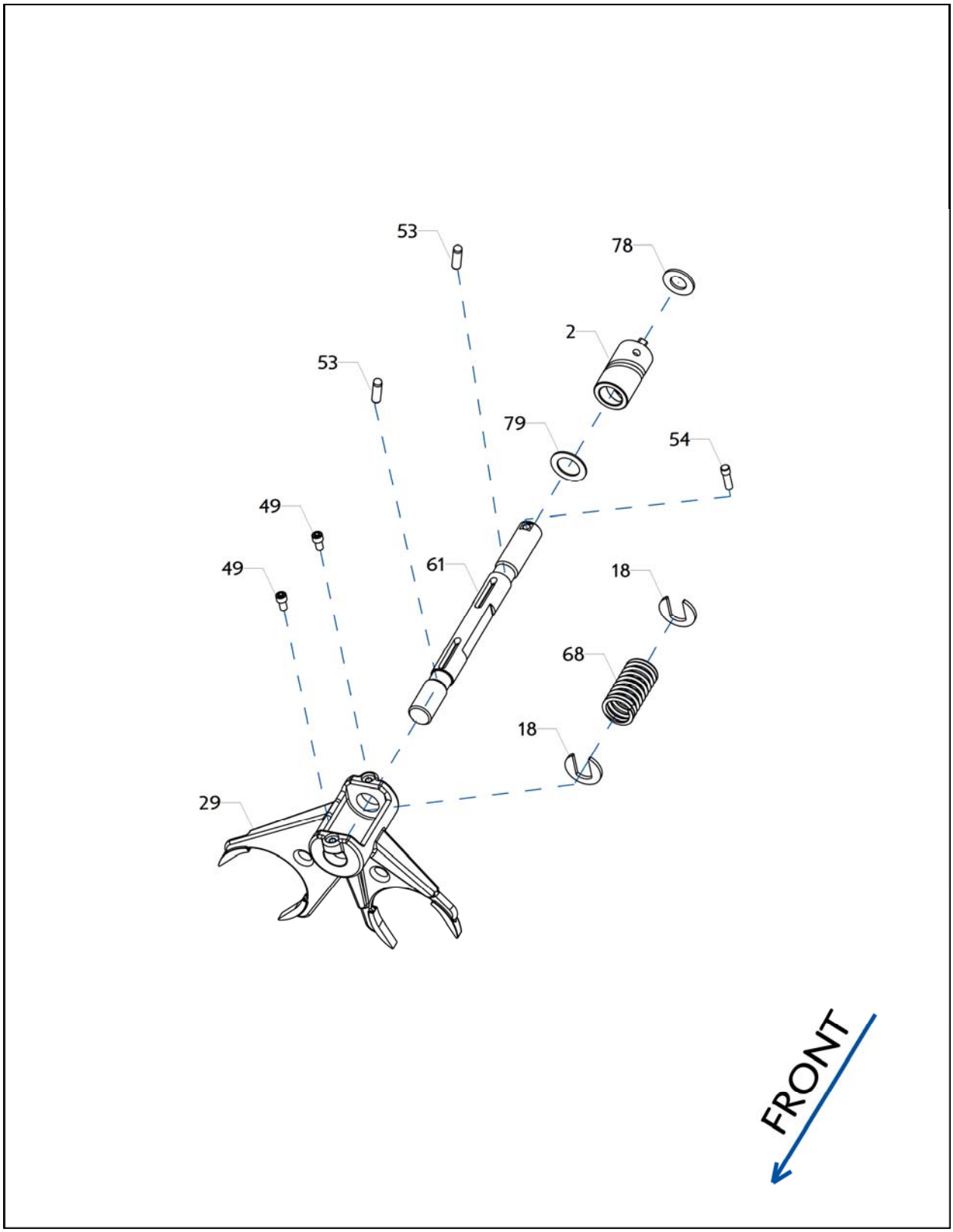
Front Axle Output Shaft and Related Parts



Front Axle Output Shaft and Related Parts

ITEM	PART NUMBER	DESCRIPTION	QTY
3	233-0598	BEARING CONE	1
4	233-0599	BEARING CUP	1
6	233-0623	BEARING CUP	1
5	233-0622	BEARING CONE	1
11	233-0628	BEARING CONE	2
12	233-0629	BEARING CUP	2
38	432-0833	GEAR, HIGH RANGE, 35 TEETH	1
43	432-0839	GEAR, CLUTCH	1
55	756-0368-001	RING, BEARING SPACER, .279 THICK	*
	756-0368-002	RING, BEARING SPACER, .282 THICK	*
	756-0368-003	RING, BEARING SPACER, .285 THICK	*
	756-0368-004	RING, BEARING SPACER, .288 THICK	*
	756-0368-005	RING, BEARING SPACER, .291 THICK	*
	756-0368-006	RING, BEARING SPACER, .294 THICK	*
	756-0368-007	RING, BEARING SPACER, .276 THICK	*
	756-0368-008	RING, BEARING SPACER, .273 THICK	*
	*SELECT SPACER TO ACHIEVE .001 TO .005 SHAFT FLOAT.		
67	776-0432	SHAFT, FRONT OUTPUT	1
76	927-0888	WASHER, SPACER, TC-28	1

Shift Shaft (High/Low Engagement) and Related Parts



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Shift Shaft (High/Low Engagement) and Related Parts

ITEM	PART NUMBER	DESCRIPTION	QTY
2	226-0249	CAM, SHAFT, HIGH-LOW ENGAGEMENT	1
18	235-0753	CAP, SPRING, RETAINER	2
29	367-0333	FORK, SHIFT, MACHINED, HIGH-LOW ENGAGE	1
49	724-0782	SCREW, CAP SOCKET HEAD, 1/4-20 x 1/2 LG	2
53	746-0678	PIN DOWEL, .3125 x 1 STANDARD	2
54	746-0758	PIN, LOCKING, CAM, SHAFT	1
61	769-0532	SHAFT, SHIFT, HIGH-LOW ENGAGE	1
68	777-0556	SPRING, SHIFT	1
78	927-0896	WASHER, THRUST, CAM, 5/8" I.D.	1
79	927-0897	WASHER, THRUST, CAM, 7/8" I.D.	1

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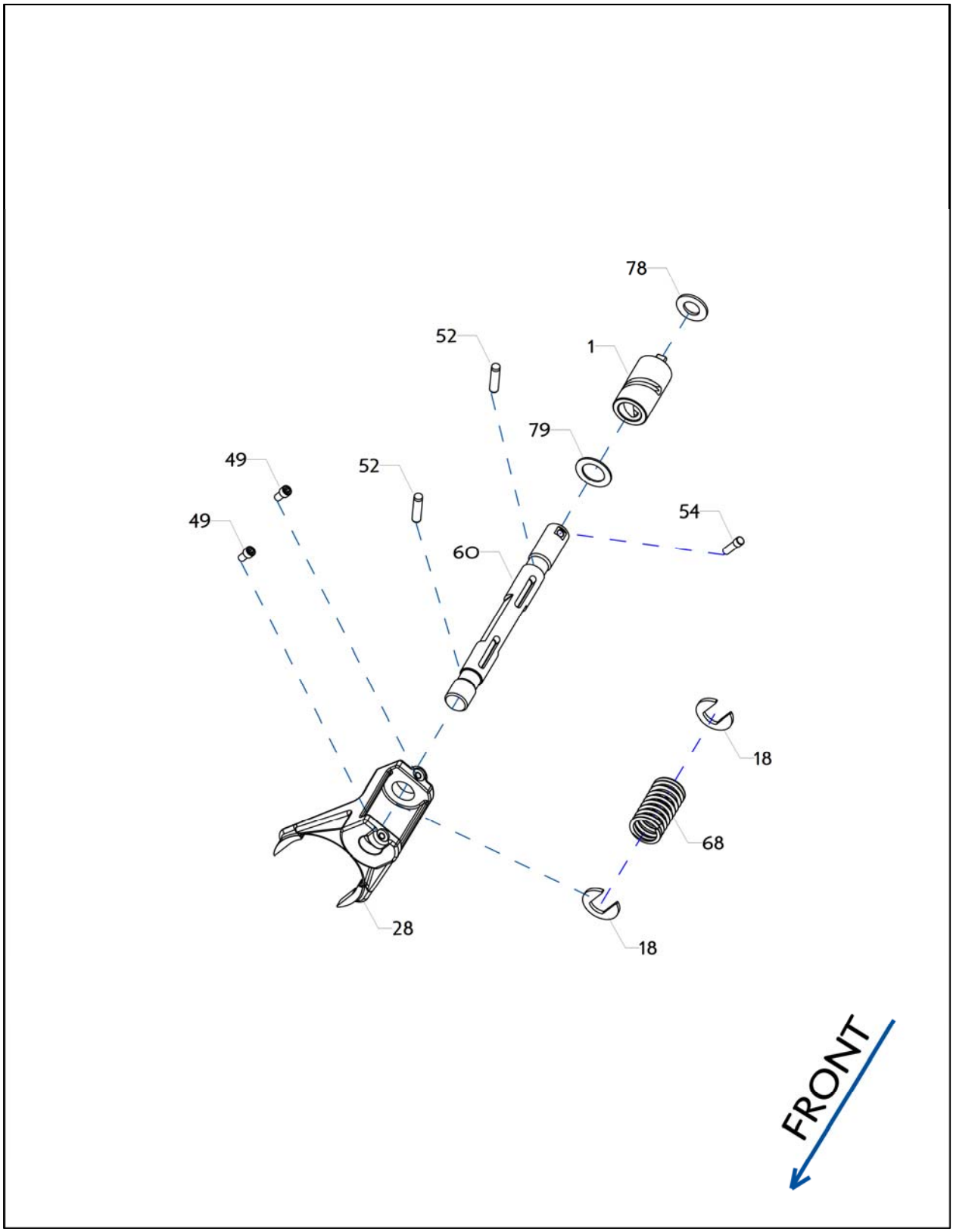
Shift Shaft (Front Axle Engagement) and Related Parts



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Shift Shaft (Front Axle Engagement) and Related Parts

ITEM	PART NUMBER	DESCRIPTION	QTY
1	226-0248	CAM, SHAFT, FRNT AXLE ENGAGEMENT	1
18	235-0753	CAP, SPRING, RETAINER	2
28	367-0332	FORK, SHIFT, MACHINED, FRONT ENGAGE	1
49	724-0782	SCREW, CAP SOCKET HEAD, 1/4-20 x 1/2 LG	2
52	746-0628	PIN DOWEL, .3125 x 1.25 STANDARD	2
54	746-0758	PIN, LOCKING, CAM, SHAFT	1
60	769-0532	SHAFT, SHIFT, FRONT ENGAGE	1
68	777-0556	SPRING, SHIFT	1
78	927-0896	WASHER, THRUST, CAM, 5/8" I.D.	1
79	927-0897	WASHER, THRUST, CAM, 7/8" I.D.	1

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