

TREMEC[®]

TKX

5-Speed Rear-Wheel Drive Manual Transmission

Parts List

PL_TKX_09.2020

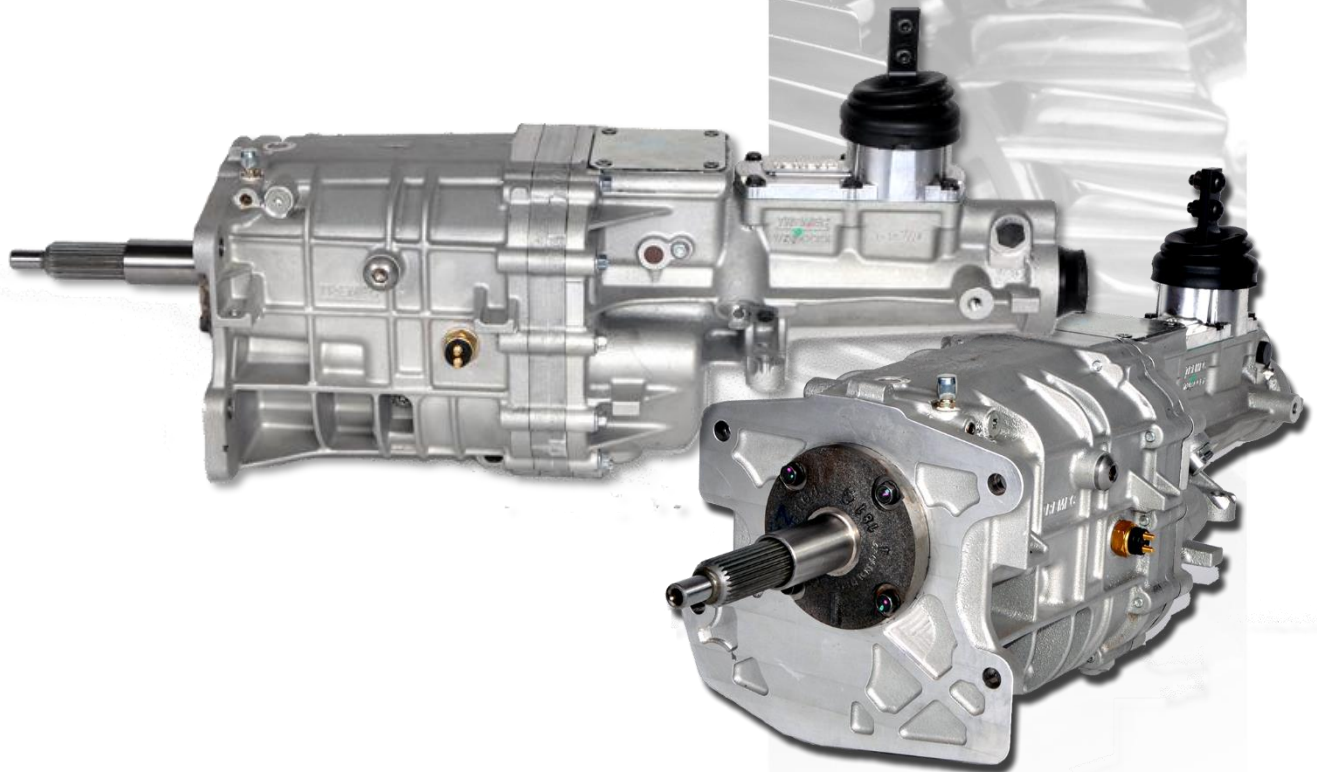


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Section 1: Specifications

General Specification

Forward Gears	5
Shifter Positions	3
Torque Capacity	Up to 600 lb-ft / 814 N-m
Max Rated RPM	6200
Overdrive	Single
Output Splines	31
Release Type	Mechanical
Speedo Output	Mechanical and Electronic
Dry Weight	99 lbs / 50 kg
Fluid Capacity	2.7 quart / 2.6 liter

Available Models

Part Number	Style	Torque Rating	Input Spline	Gear Ratios					
				1 st	2 nd	3 rd	4 th	5 th	R
TCET18086	Ford	600 lb-ft	10	3.27	1.98	1.34	1.00	0.72	3.00
TCET18084	Ford	600 lb-ft	26	2.87	1.89	1.28	1.00	0.81	2.56
TCET17765	Ford	600 lb-ft	26	2.87	1.89	1.28	1.00	0.68	2.56
TCET18085	Ford	600 lb-ft	26	3.27	1.98	1.34	1.00	0.72	3.00
TCET18083	GM	600 lb-ft	26	3.27	1.98	1.34	1.00	0.72	3.00
TCET17722	GM	600 lb-ft	26	2.87	1.89	1.28	1.00	0.81	2.56
TCET17805	GM	600 lb-ft	26	2.87	1.89	1.28	1.00	0.68	2.56

Lubrication Specifications

For all TKX 5-speed models, TREMEC recommends TREMEC High Performance Manual Transmission Fluid (HP-MTF™), GM Synchronesh™ or Mobil 1 Synthetic ATF. Fluid capacity is 2.7 quart / 2.6 liter.



California Proposition 65 Warning

This product can expose you to chemicals, including 2-Ethoxyethanol, Methyl 1 Isobutyl Ketone, and Ethyl Acrylate which are known to the State of California to cause cancer, birth defects or other reproductive harm.

For more information, visit the California Office of Environmental Health Hazard Assessment website at: California proposition 65 (<https://www.p65warnings.ca.gov/>)

Fastener Tightening Specifications

Bolt Torque (Dry Thread)			
Bolts	Description	Torque	
5/16-18	Bearing Retainer	12-16 lb-ft	16-18 N-m
M8 X 1.25	Extension Housing	24-30 lb-ft	32-40 N-m
1/2-14 NPTF Pipe Thread	Fill & Drain Plugs	15-25 lb-ft	20-33 N-m
9/16-18	Socket Head Pipe Plug	11-18 lb-ft	14-25 N-m
9/16-18	Reverse Lights	12-16 lb-ft	16-18 N-m
M6 X 1.0	Shifter	6-11 lb-ft	8-14 N-m
1/8-27 PTF	Breather Cap	11-16 lb-ft	14-18 N-m
M16 X 1.5	5 th and Reverse Selector Arm	25-40 lb-ft	33-54 N-m
1/4-20-UNC	Electronic Speedometer	4-6 lb-ft	5-8 N-m
1/4-20-UNC	Mechanical Speedometer	4-6 lb-ft	5-8 N-m
M20 X 1.5	Shift Lug Detent	25-35 lb-ft	33-47 N-m
M10 X 1.5	Reverse Inhibitor	15-25 lb-ft	20-33 N-m
M16 X 1.5	Neutral Sensing Switch	12-16 lb-ft	16-18 N-m
M6 X 1.0	Inspection Cover Bolts	5-6 lb-ft	6-8 N-m
1/2-20-UNF	Shift Rail Detents	15-25 lb-ft	20-33 N-m
M8 X 1.25	Reverse Idler	16-20 lb-ft	22-27 N-m

Shimming Specifications

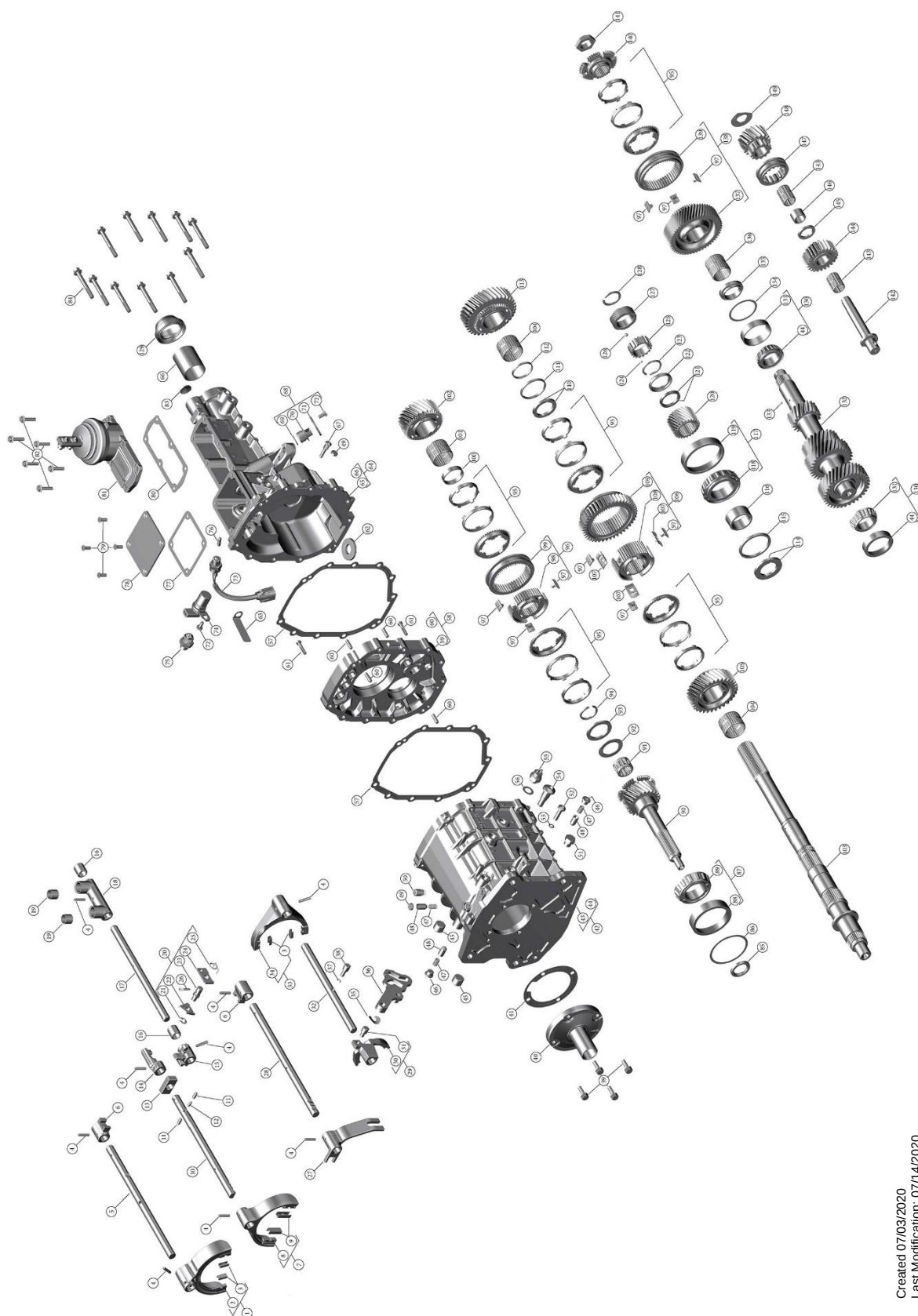
Description	Shim to Attain
Input Shaft / Main Shaft Shim	Endplay of 0.001 to 0.005 inch (0.0254 to 0.127 mm)
Counter Shaft Shim	Endplay of 0.001 to 0.005 inch (0.0254 to 0.127 mm)

Subject to design and/or appearance modifications that are production standards at the time of shipping.

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Section 1: Specifications

TKX 5-Speed Manual Transmission Disassembled View



Created 07/03/2020
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Revision: 0

Section 1: Specifications

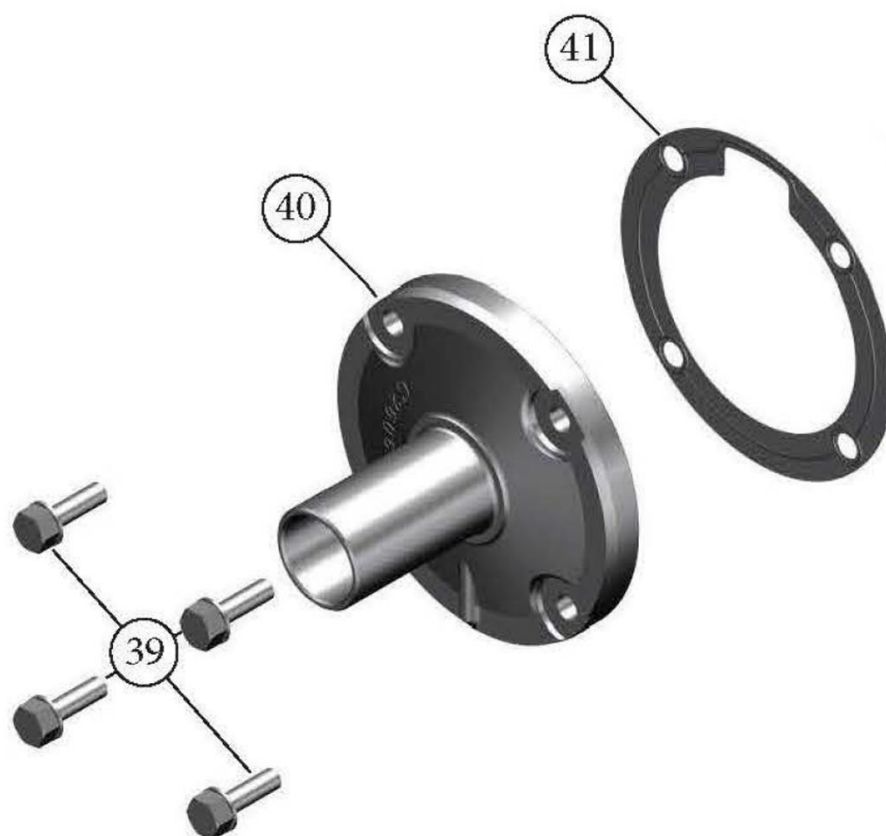
Legend for TKX 5-Speed Manual Transmission Disassembled View

ITEM	QTY.	PART NAME	PART NUMBER	ITEM	QTY.	PART NAME	PART NAME
1	1	SHIFT RO RK 1ST-2ND ASSY	TCEC17270	73	1	NEUTRAL SWITCH	1300-140-004
2	1	SHIFT RO RK 1ST-2ND	TCHR17251	75	1	INTERLOCK PIN	TUTN13627
3	4	FORK INSERT	TCSA240	76	1	PLUNGER	TCPE17594
4	9	PIN SLOTTED SPRING	3000-049-016	77	1	GASKET - SELECTOR COVER	TCSS17417
5	1	SHIFT RAIL 1ST-2ND	TCBR17252	78	1	COVER PLATE	TCPT17564
6	2	GATE 1ST-2ND & 5TH-REV	TCTP17247	79	4	SOCKET CSK SCREW	BOL2844F
7	1	SHIFT RO RK 3RD-4TH ASSY	TCEC17271	80	1	GASKET - SHIFTER	TCSS17418
8	1	SHIFT RO RK 3RD-4TH	TCHR17250	81	1	SHIFTER TURRET ASSY	TCBC17468
9	2	FORK INSERT	1386-235-001	82	6	CONTROL TOWER BOLT	TCNO620
10	1	SHIFT RAIL 3RD-4TH	TCBR17815	83	1	PLUG REAR EXTENSION	12F000015
11	2	PLUNGER TRANS. SHIFTER INTERLOCK	2604895	84	11	BOLT HEX. FLANGE HEAD	TCN17406
12	1	INTERLOCK PIN	2604832	85	1	SEAL ASSY TRANS. INPUT SHAFT OIL	2603865
13	1	INTERLOCK PLATE	TCPT17169	86	A/R	SHIMS-INPUT SHAFT FRONT BRG	TCMS17595
14	1	GATE 3RD-4TH	TCTP17584			TCMS17596, TCMS17597, TCMS17598, TCMS17599, TCMS17600,	
15	1	SELECTOR ARM	TCTP17246			TCMS17601, TCMS17602, TCMS17603, TCMS17604, TCMS18069	
16	2	LINEAR BEARING	TUBA7952	87	1	ASSY, BEARING-INPUT SHAFT TO CASE	2606064
17	1	SELECTOR RAIL	TCBR17579	88	1	BEARING CUP-INPUT SHAFT TO CASE	2606065
18	1	SELECTOR SEAT	TCTP4257	89	1	BEARING, CONE	2605686
19	2	BUSHING, SHIFT LEVER SOCKET	2606246	91	1	NEEDLE ROLLER BEARING	TCBA11182
20	1	INHIBITOR ASSY	TCEC17259	92	1	NEEDLE ROLLER THRUST	TCBA11183
21	1	E-CUP	7238695	93	1	THRUST W/ASHER	TCRA11214
22	1	REVERSE INHIBITOR	7238515	94	1	SNAP RING	1386-139-001
23	1	INHIBITOR RAIL	TCBR17261	95	5	DOUBLE CONE SYSTEM 67.5 mm HYBRID	TUES13926
24	1	INHIBITOR PLATE	TCPT17260	96	1	SYNCH ASSY 3RD-4TH	TCE330944
25	1	REVERSE INHIBITOR SPRING	7238635	97	9	STRUT (1ST-2ND, 3RD-4TH & 5TH)	TUN55793
26	1	SET SCREW-INTERNAL HEX W/DOG PT.	6501092	98	1	HUB SYNCHRO 3RD-4TH	TUM26059
27	1	LEVER - TRANS. REV GEAR SHIFT RELAY	TCLE17248	99	1	SLEEVE SYNC. 3RD-4TH	TCCL1338
28	1	SHIFT RAIL 5TH-REV	TCBR17249	100	1	SPACER BEARING 3RD	TCSP17856
29	1	REVERSE FORK ASSY	2606216	101	1	NEEDLE BEARING	BEAC398F
30	1	REVERSE FORK	2606215	102	1	3RD SPEED GEAR ASSY	TCCE17808
31	1	REVERSE FORK PIN	2606297	104	2	NEEDLE BEARING	BEAC491F
32	1	SHIFT RAIL 5TH	TCBR17444	105	1	2ND SPEED GEAR ASSY	TCCE17783
33	1	SHIFT RO RK 5TH ASSY	TCEC17811	106	1	SYNCH. ASSY 1ST-2ND	TCES17458
34	1	SHIFT RO RK 5TH	TCHR17810	107	3	SYNCHRO INSERT 1ST-2ND	TCNS10957
35	1	CLIP, WAVE "E"	2603965	108	1	HUB SYNCHRO 1ST-2ND	TCMC17456
36	1	LEVER - TRANS. REVERSE-O.D.	2605948	109	1	1ST-2ND AND REV GEAR SUDING	TCCL17466
37	1	CIRCLIP	TCMS17460	110	2	SPUT WASHER 1ST	TCRA17809
38	1	BLOCKER PIN	TCPE17461	111	1	ENCLOSURE RING - SPLIT WASHER 1ST	TCRA17812
39	4	BOLT, FRONT BEARING RETAINER	2603966	112	1	SPACER BEARING 1ST	TCSP17855
41	1	GASKET - CASE-RETAINER	TCSS17420	114	2	SPUT WASHER - TAPER BEARING	TCRA17851
44	2	BEARING CUP	BEA0483F	115	1	ENCLOSURE RING - TAPER BEARING SPUT	TCRA17852
45	2	SOCKET HEAD PIPE PLUG	1300-052-007	116	1	BUSHING - TAPER BEARING	TCSP17853
46	2	WASER HEAD MACHINE SCREW	TCTA1304	117	1	ASSY, BEARING-MAIN SHAFT TO CASE	2605700
47	3	SPRING DETENT	TCRE17486	118	1	BEARING, CONE	2605706
48	3	BALL POPPET	TCPE8862	119	1	BEARING CUP- MAIN SHAFT TO CASE	2605701
49	2	COVER SEAL	SEA0232F	121	2	SPUT WASHER 5TH	SPA0128F
50	1	VENT ASSEMBLY	TCMS13304	122	1	ENCLOSURE RING - SPLIT WASHER 5TH	TCRA17857
51	1	CAP-HEX FLANGE BOLT	TUTN7205	123	1	SNAP RING	TCMS0660
52	1	SOCKET HEAD SCREW	BOL3534F	128	1	RING - RETAINING	2604502
53	1	O-RING	TCSS16907	129	1	OIL SEAL	TCSS1277
54	1	PIN, PIVOT-REVERSE	2604720	130	2	TAPERED ROLLER BEARING ASSY	BEAC480F
55	1	REVERSE SWITCH	2606249	131	2	BEARING, CONE	BEAC481F
56	1	GASKET BACK UP LAMP SWITCH	2605032	133	1	CARBON STEEL BALL	TCER1252
57	2	SEALING GASKET	TCSS17415	134	A/R	SHIMS-COUNTER SHAFT FRONT BRG	MST1940F
58	1	INTERMEDIATE PLATE ASSY	TCEP17266			MST1941F, MST1942F, MST1943F, MST1944F, MST1945F, MST1946F	
59	1	INTERMEDIATE PLATE	TCPT17266			MST1947F, MST1948F	
60	4	DOWEL PIN	141199	135	1	THRUST WASHER	TCRA17448
61	2	SOCKET HEAD CAP SCREW	TCTN17465	136	1	5TH GEAR NEEDLE BEARING	TCBA17458
62	1	MAGNET.	2602491	139	1	SLEEVE 5TH	TCCL17446
63	1	IDENTIFICATION TAG	2604737	140	1	CLUTCH 5TH	TCN17443
66	1	BUSHING EXTENSION	1386-127-003	141	1	NUT	TDTU1685
67	1	RETAINER PIN	1386-183-003	142	1	REVERSE SHAFT	TCBR17257
68	1	PLUG KIT	30-360-1X	143	2	REV. NEEDLE ROLLER BEARING	TCBA17269
69	1	O-RING	30-469-10	144	1	REVERSE GEAR	TCEN17256
70	1	SPEEDOMETER PLUG	30-39-1	145	1	WASHER TRANS REV. GEAR THRUST	2605795
71	1	RETAINER	30-390-1	146	1	SPACER BEARING REV.	TCSP17410
72	2	SCREW	30-443-1	147	1	SLEEVE-TRANS. REVERSE.	2605800
				149	1	WASHER-TRANS REV. IDLER GEAR THRUST	2603895

VARIABLE PARTS			Transmsission Assembly						
			TCET18086 FORD	TCET18083 GM	TCET18084 FORD	TCET17722 GM	TCET17765 FORD	TCET17805 GM	TCET18085 FORD
ITEM	QTY.	PART NAME	PART NUMBER						
40	1	BEARING RETAINER INPUT SHAFT	2606243	TCRB0131	2606243	TCRB0131	2606243	TCRB0131	2606243
42	1	CASE TRANSMISSION ASSY	TCEP17746	TCEP17264	TCEP17746	TCEP17264	TCEP17746	TCEP17264	TCEP17746
43	1	CASE TRANSMISSION	TCCA17746	TCCA17264	TCCA17746	TCCA17264	TCCA17746	TCCA17264	TCCA17746
64	1	EXTENSION HOUSING ASSY	TCEP17750	TCEP17265	TCEP17750	TCEP17265	TCEP17750	TCEP17265	TCEP17750
65	1	EXTENSION HOUSING	TCEX17750	TCEX17265	TCEX17750	TCEX17265	TCEX17750	TCEX17265	TCEX17750
74	1	SPEED SENSOR	4400-640-019	TNSW1137	4400-640-019	TNSW1137	4400-640-019	TNSW1137	4400-640-019
90	1	INPUT SHAFT	TCFM18027	TCFM17956	TCFM17409	TCFM17802	TCFM17409	TCFM17802	TCFM18025
103	1	MAIN SHAFT	TCFP18019	TCFP17849	TCFP18019	TCFP17849	TCFP18019	TCFP17849	TCFP18019
113	1	1ST SPEED GEAR ASSY	TCEE18030	TCEE18030	TCEE17774	TCEE17774	TCEE17774	TCEE17774	TCEE18030
120	1	GEAR 5TH SPEED DRIVEN	TCEN17801	TCEN18018	TCEN18018	TCEN18018	TCEN17801	TCEN17801	TCEN17801
124	1	CARBON STEEL BALL	10J000008	TCEI1252	10J000008	TCEI1252	10J000008	TCEI1252	10J000008
125	1	ROTOR, SPEEDOMETER	TCEV1276	TCEV5065	TCEV1276	TCEV5065	TCEV5065	TCEV5065	TCEV1276
126	1	CARBON STEEL BALL	10J000008	10J000008	10J000008	10J000008	10J000008	10J000008	10J000008
127	1	GEAR - SPEEDOMETER DRIVE	TCEV4259	2601215	TCEV4259	2601215	TCEV4259	2601215	TCEV4259
132	1	COUNTER SHAFT	TCCF17952	TCCF17952	TCCF17768	TCCF17768	TCCF17768	TCCF17768	TCCF17952
137	1	5TH SPEED GEAR ASSY	TCEE17806	TCEE17806	TCEE17724	TCEE17724	TCEE17806	TCEE17806	TCEE17806
138	1	SYNCH. ASSY 5TH	TCEI17807	TCEI17807	TCEI17726	TCEI17726	TCEI17807	TCEI17807	TCEI17807
148	1	REVERSE IDLE GEAR	TCEN18029	TCEN18029	TCEN17255	TCEN17255	TCEN17255	TCEN17255	TCEN18029

Section 2: Front Bearing Retainer Assembly

Front Bearing Retainer Assembly View



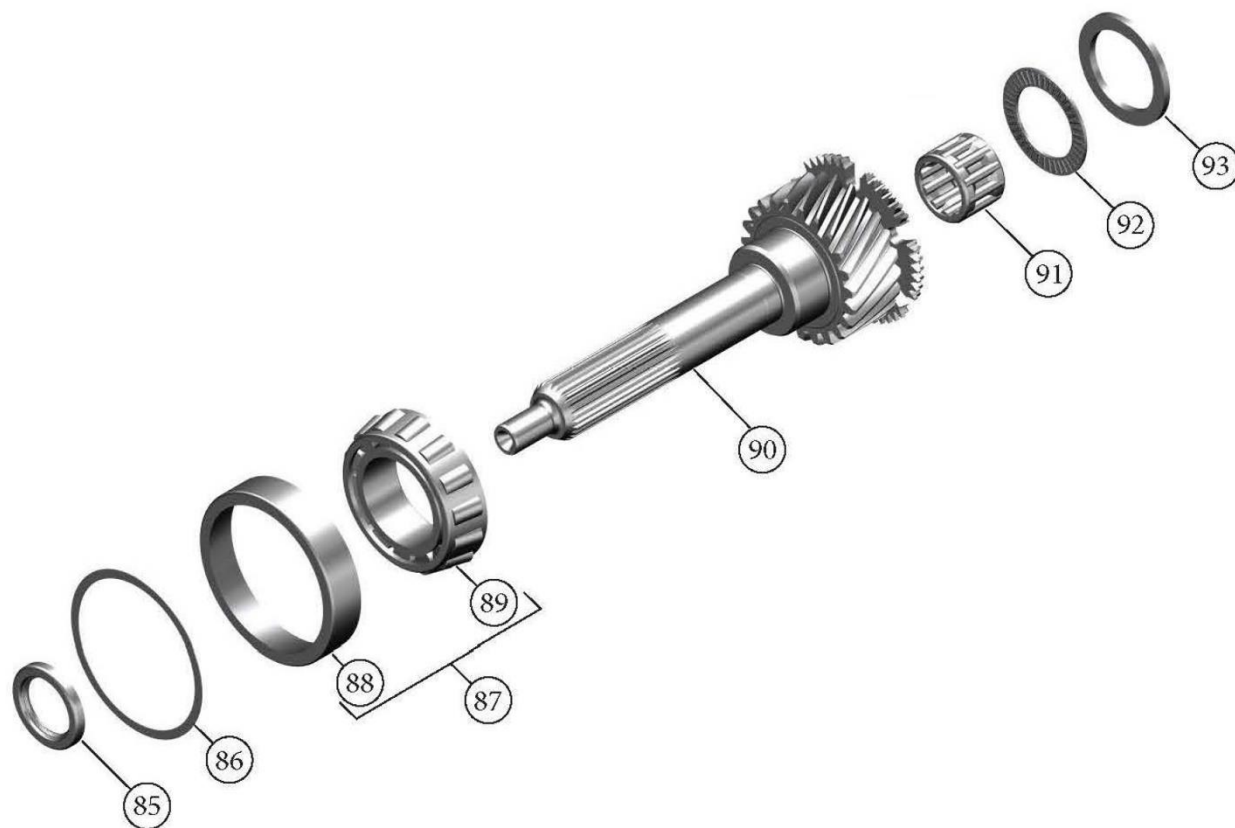
Section 2: Front Bearing Retainer Assembly

Front Bearing Retainer Assembly Legend

ITEM	QTY	PART NAME	PART NUMBER
39	1	BOLT, FRONT BEARING RETAINER	2603968
40	1	BEARING RETAINER INPUT SHAFT	SEE VARIABLE PARTS
41	1	GASKET - CASE-RETAINER	TCSJ17420

Section 3: Input Shaft Assembly

Input Shaft Assembly View



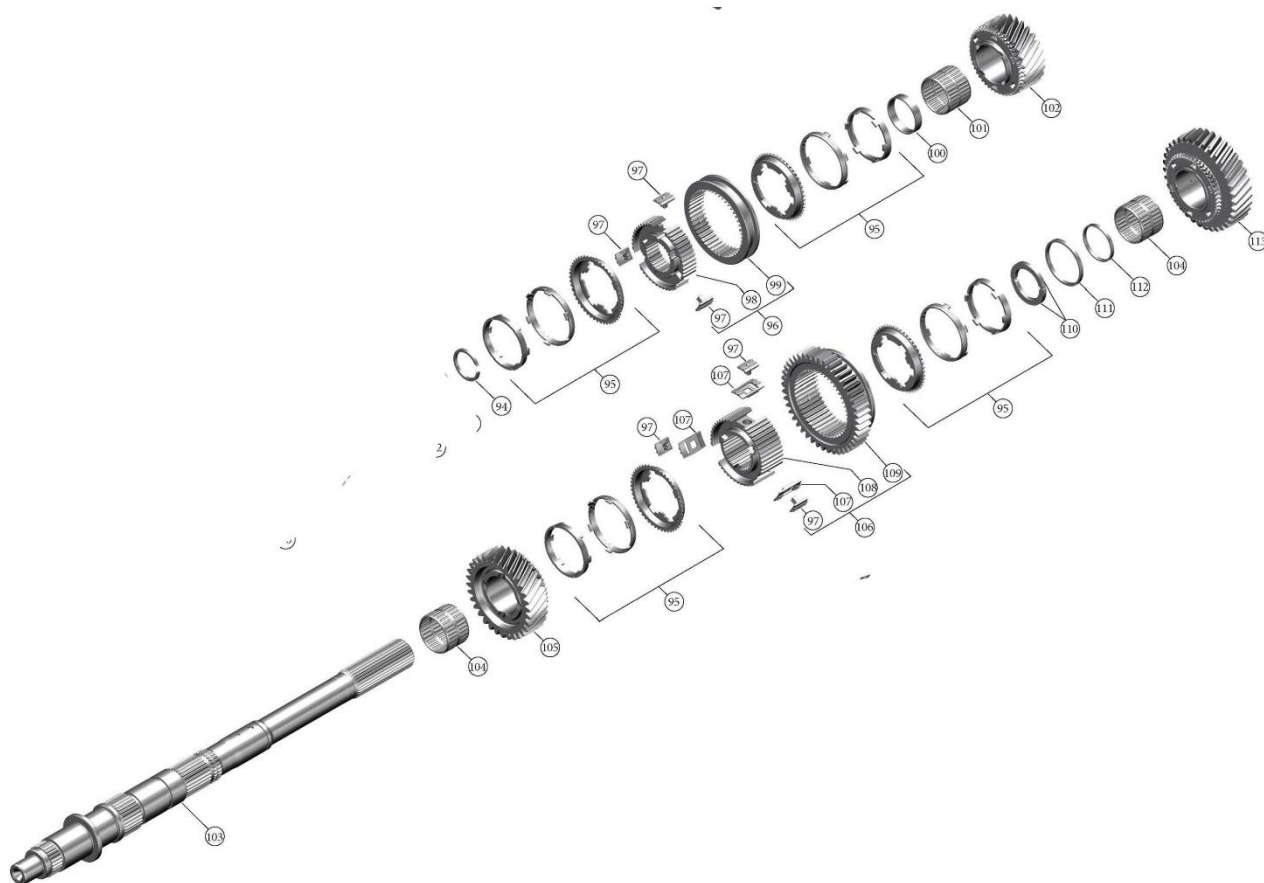
Section 3: Input Shaft Assembly

Input Shaft Assembly Legend

ITEM	QTY	PART NAME	PART NUMBER
85	1	SEAL ASSY TRANS. INPUT SHAFT OIL	2603865
86	A/R	SHIMS-INPUT SHAFT FRONT BRG TCMS17595, TCMS17596,TCMS17597,TCMS17598,TCMS17599,TCMS17600, TCMS17601,TCMS17602, TCMS17603, TCMS17604,TCMS18069	Selective
87	1	ASSY, BEARING-INPUT SHAFT TO CASE	2606064
88	1	BEARING CUP-INPUT SHAFT TO CASE	NSS
89	1	BEARING, CONE	NSS
90	1	INPUT SHAFT	SEE VARIABLE PARTS
91	1	NEEDLE ROLLER BEARING	TCBA11182
92	1	NEEDLE ROLLER THRUST	TCBA11183
93	1	THRUST WASHER	TCRA11214

Section 4: Main Shaft Assembly

Main Shaft Assembly View



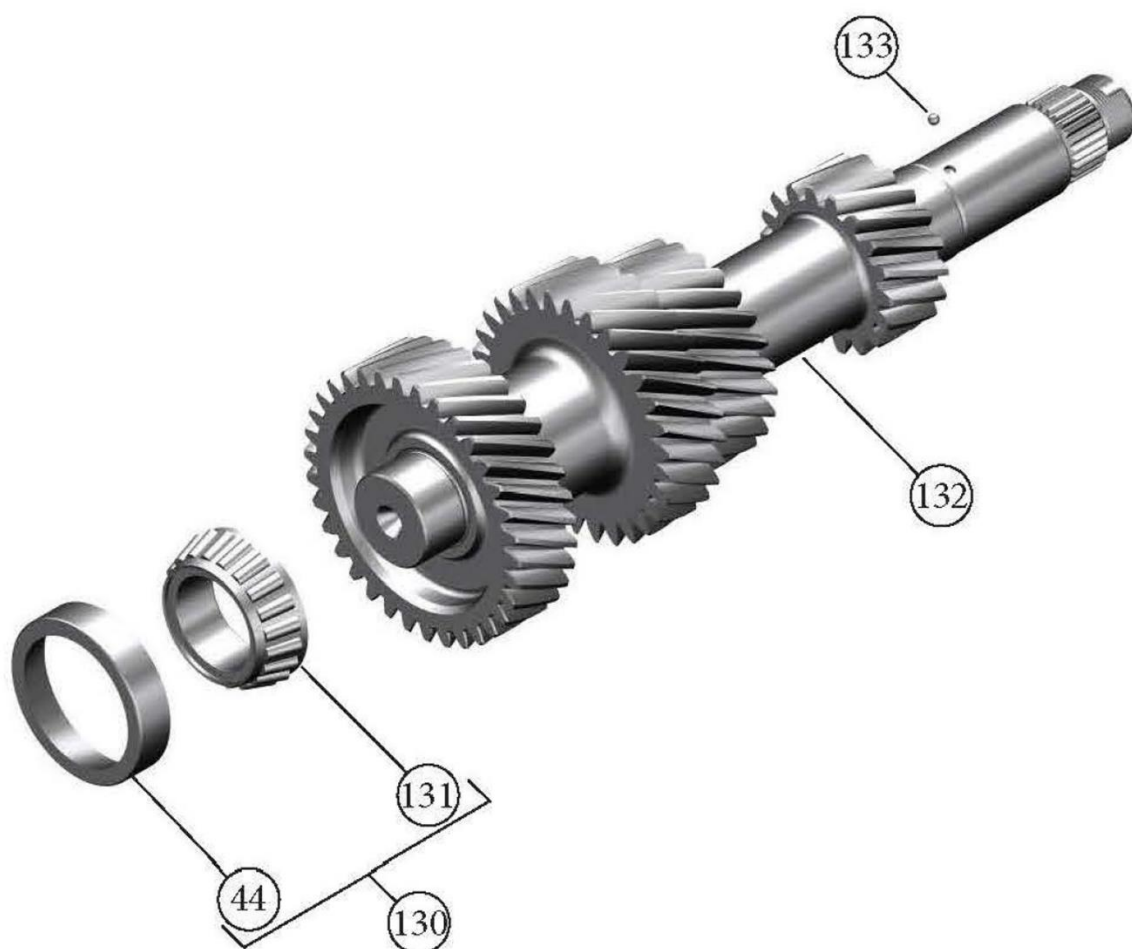
Section 4: Main Shaft Assembly

Main Shaft Assembly Legend

ITEM	QTY	PART NAME	PART NUMBER
93	1	THRUST WASHER	TCRA11214
94	1	SNAP RING	1386-139-001
95	5	DOUBLE CONE SYSTEM 67.5 mm HYBRID	TUES13926
96	1	SYNCH ASSY 3RD-4TH	TCES10944
97	9	SYNCH ASSY 3RD-4 TH	TCES10944
98	1	HUB SYNCHRO 3RD-4 TH	TUMZ6059
99	1	SLEEVE SYNC. 3RD- 4TH	TCCL11338
100	1	SPACER BEARING 3 RD	TCSP17856
101	1	NEEDLE BEARING	BEA0398F
102	1	3RD SPEED GEAR ASSY	TCEE17808
103	1	MAIN SHAFT	SEE VARIABLE PARTS
104	2	NEEDLE BEARING	BEA0491F
105	1	2ND SPEED GEAR ASSY	TCEE17783
106	1	SYNCH. ASSY 1ST-2ND	TCES17458
107	1	SYNCHRO INSERT 1ST-2 ND	TCNS10957
108	1	HUB SYNCHRO 1ST-2 ND	TCMZ17456
109	1	1ST-2ND AND REV GEAR SLIDING	TCCL17466
110	2	SPLIT WASHER 1 ST	TCRA17809
111	1	ENCLOSURE RING - SPLIT WASHER 1 ST	TCRA17812
112	1	SPACER BEARING 1 ST	TCSP17855
113	1	1ST SPEED GEAR ASSY	SEE VARIABLE PARTS

Section 5: Countershaft Assembly

Countershaft Assembly View



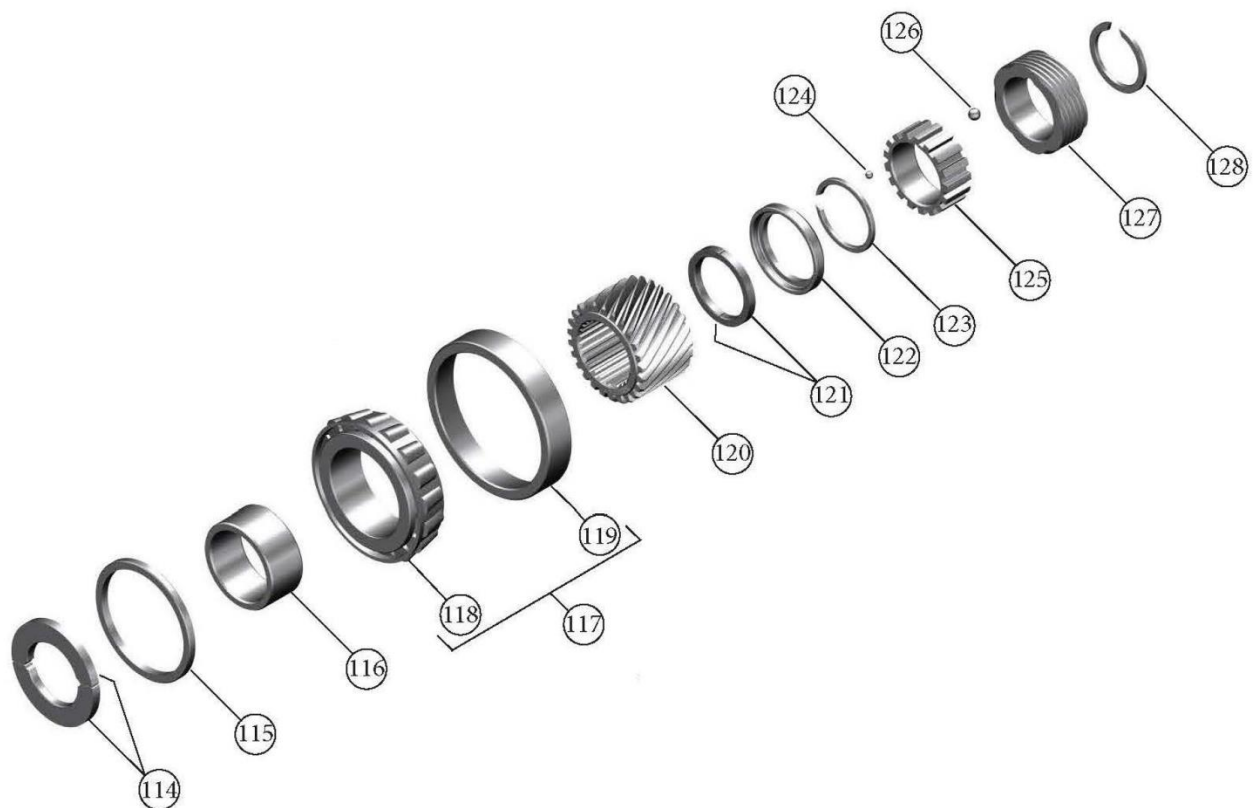
Section 5: Countershaft Assembly

Countershaft Assembly Legend

ITEM	QTY	PART NAME	PART NUMBER
44	2	BEARING CUP	NSS
130	2	TAPERED ROLLER BEARING ASSY	BEA0480F
131	2	BEARING, CONE	NSS
132	1	COUNTER SHAFT	SEE VARIABLE PARTS
133	1	CARBON STEEL BALL	TCER1252

Section 6: 5th Speed Gear (Driven) Assembly

5th Speed Gear (Driven) Assembly View



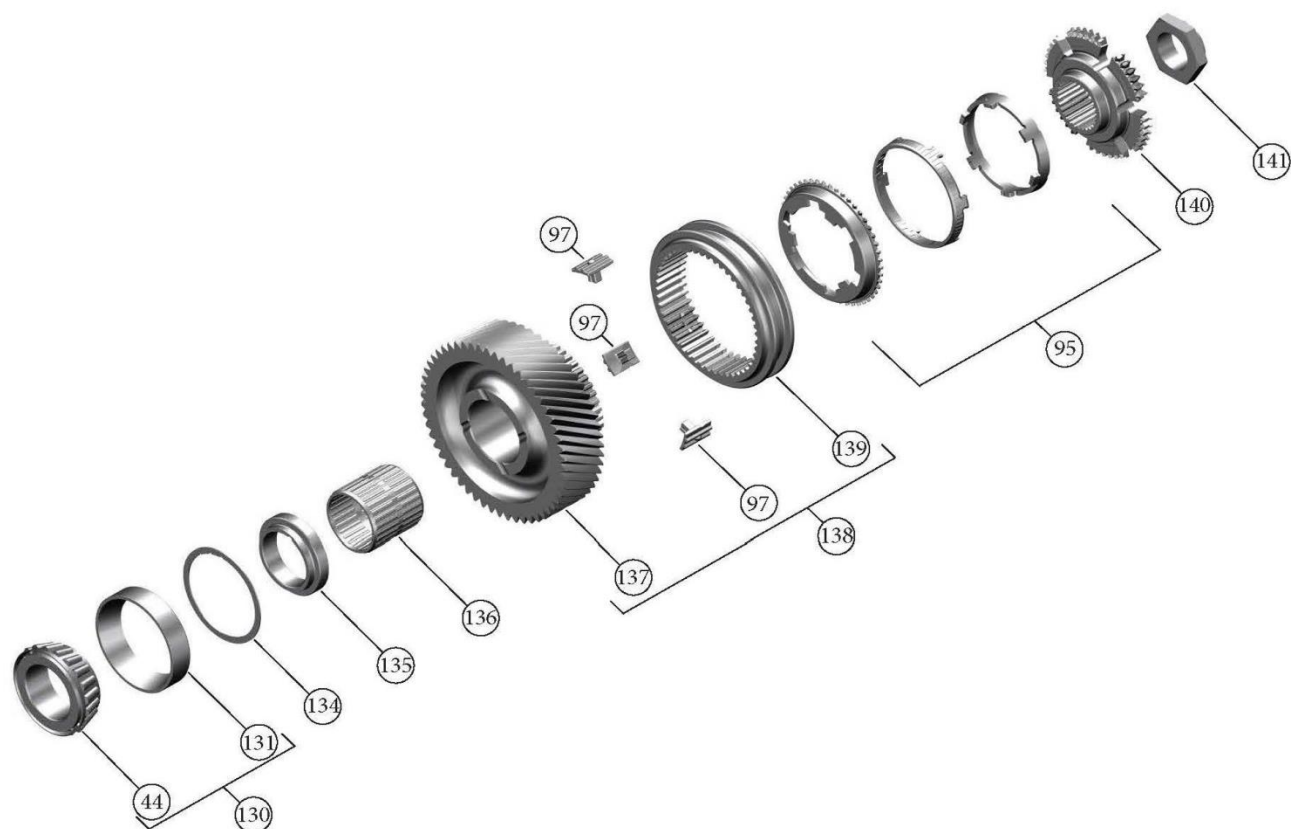
Section 6: 5th Speed Gear (Driven) Assembly

5th Speed Gear (Driven) Assembly Legend

ITEM	QTY	PART NAME	PART NUMBER
114	2	SPLIT WASHER - TAPER BEARING	TCRA17851
115	1	ENCLOSURE RING - TAPER BEARING SPLIT	TCRA17852
116	1	BUSHING - TAPER BEARING	TCSP17853
117	1	ASSY, BEARING-MAIN SHAFT TO CASE	2605700
118	1	BEARING, CONE	NSS
119	1	BEARING CUP- MAIN SHAFT TO CASE	NSS
120	1	GEAR 5TH SPEED DRIVEN	SEE VARIABLE PARTS
121	2	SPLIT WASHER 5 TH	SPA0128F
122	1	ENCLOSURE RING - SPLIT WASHER 5 TH	TCRA17857
123	1	SNAP RING	TCMS0660
124	1	CARBON STEEL BALL	SEE VARIABLE PARTS
125	1	ROTOR, SPEEDOMETER	SEE VARIABLE PARTS
126	1	CARBON STEEL BALL	SEE VARIABLE PARTS
127	1	GEAR - SPEEDOMETER DRIVE	SEE VARIABLE PARTS
128	1	RING - RETAINING	2604502

Section 7: 5th Speed Gear Assembly

5th Speed Gear Assembly View



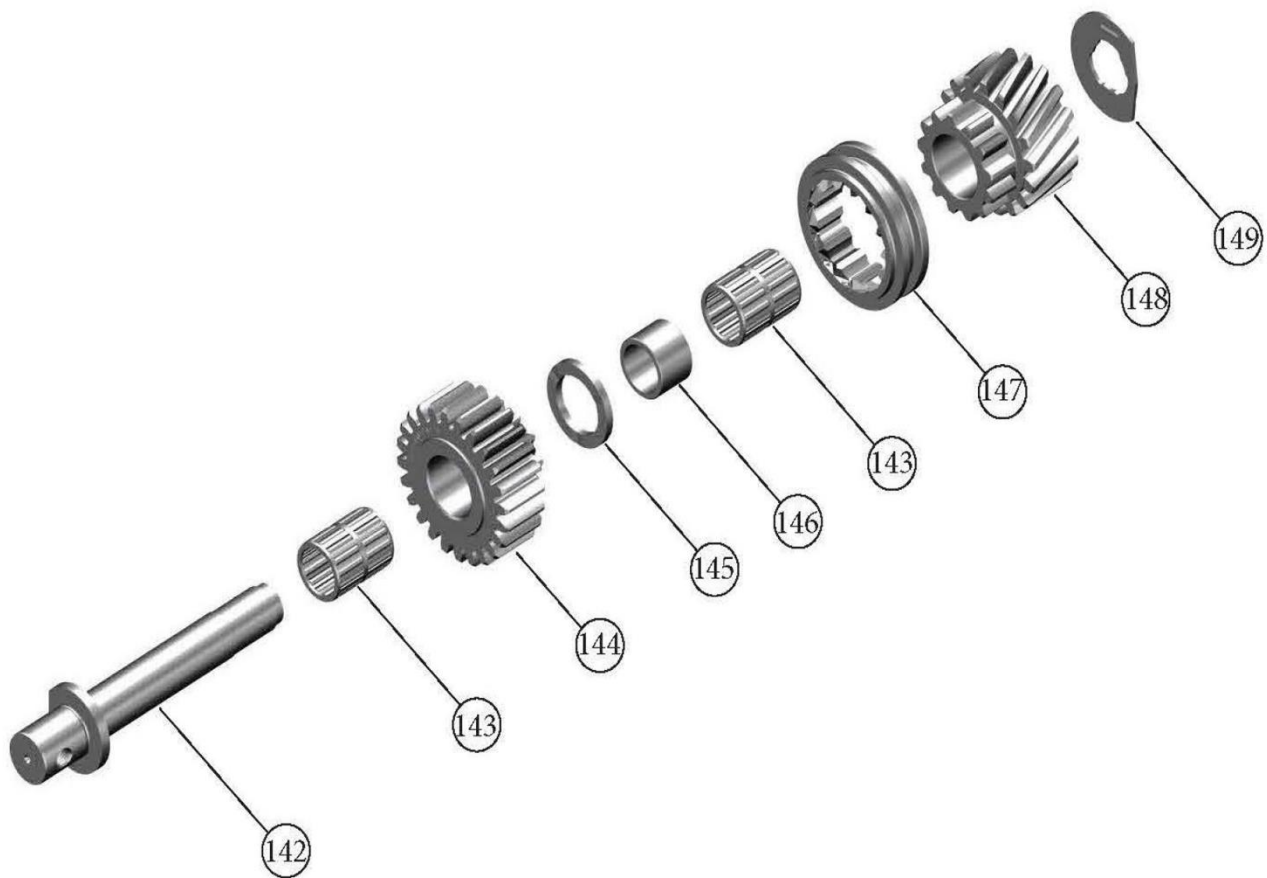
Section 7: 5th Speed Gear Assembly

5th Speed Gear Assembly Legend

ITEM	QTY	PART NAME	PART NUMBER
44	2	SOCKET HEAD PIPE PLUG	1300-052-007
95	5	DOUBLE CONE SYSTEM 67.5 mm HYBRID	TUES13926
97	9	STRUT (1ST-2ND, 3RD-4TH & 5TH)	TUNS5793
130	2	TAPERED ROLLER BEARING ASSY	BEA0480F
131	2	BEARING, CONE	BEA0481F
134	A/R	SHIMS-COUNTER SHAFT FRONT BRG MST1941F, MST1942F, MST1943F, MST1944F, MST1945F, MST1946F, MST1947F, MST1948F	MST1940F
135	1	THRUST WASHER	TCRA17448
136	1	5TH GEAR NEEDLE BEARING	TCBA17459
137	1	5TH SPEED GEAR ASSY	SEE VARIABLE PARTS
138	1	COUNTER SHAFT	SEE VARIABLE PARTS
139	1	SLEEVE 5 TH	TCCL17446
140	1	CLUTCH 5TH	TCCN17443
141	1	NUT	TDTU1685

Section 8: Reverse Gear and Reverse Idler Assembly

Reverse Gear and Reverse Idler Assembly View



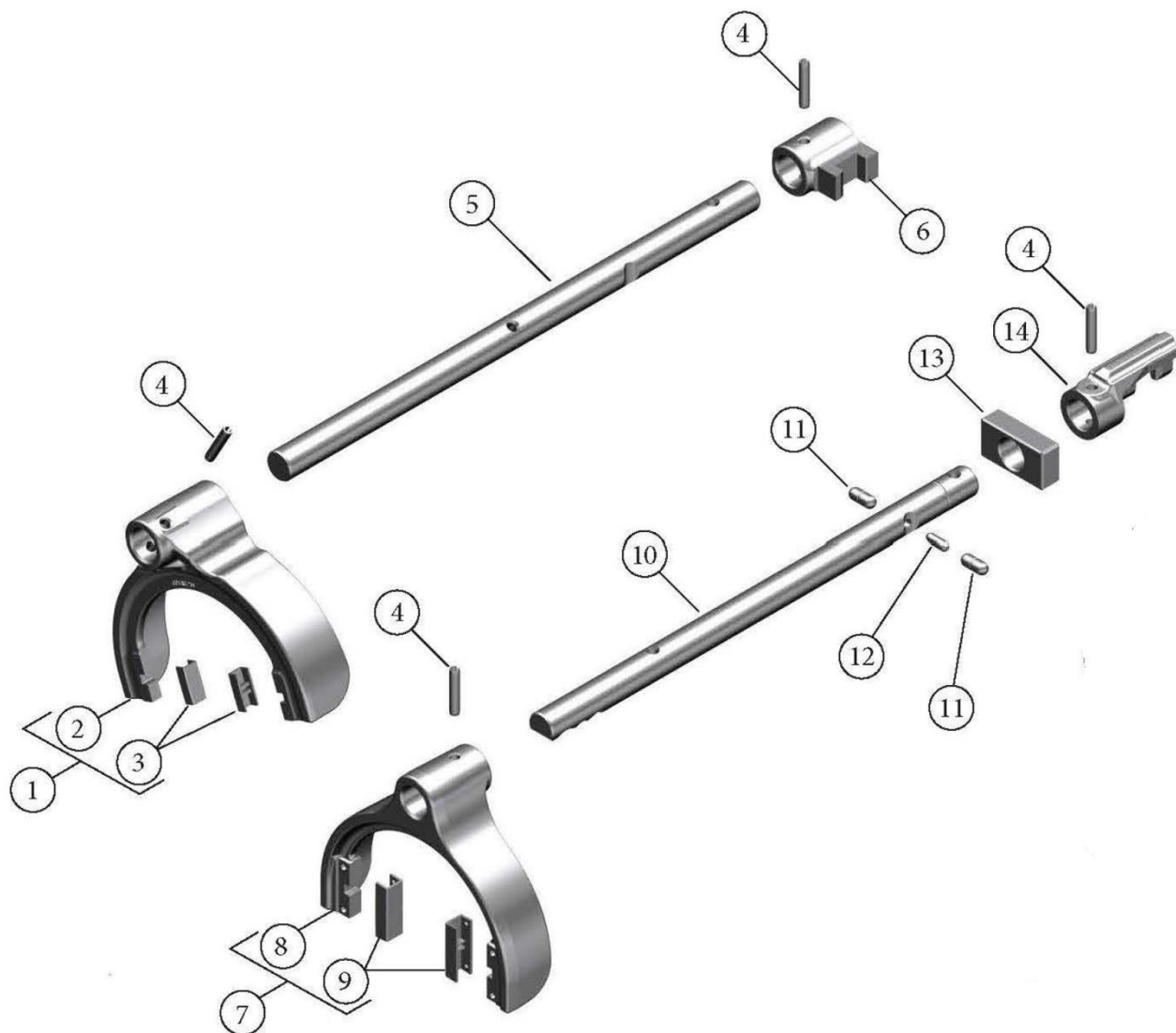
Section 8: Reverse Gear and Reverse Idler Assembly

Reverse Gear and Reverse Idler Assembly Legend

ITEM	QTY	PART NAME	PART NUMBER
142	1	REVERSE SHAFT	TCBR17257
143	2	REV. NEEDLE ROLLER BEARING	TCBA17269
144	1	REVERSE GEAR	TCEN17256
145	1	WASHER TRANS REV. GEAR THRUST	2605795
146	1	SPACER BEARING REV.	TCSP17410
147	1	SLEEVE-TRANS. REVERSE.	2605800
148	1	REVERSE IDLE GEAR	SEE VARIABLE PARTS
149	1	WASHER-TRANS REV. IDLER GEAR THRUST	2603695

Section 9: Shift Fork and Rail Assembly

Shift Fork and Rail Assembly View



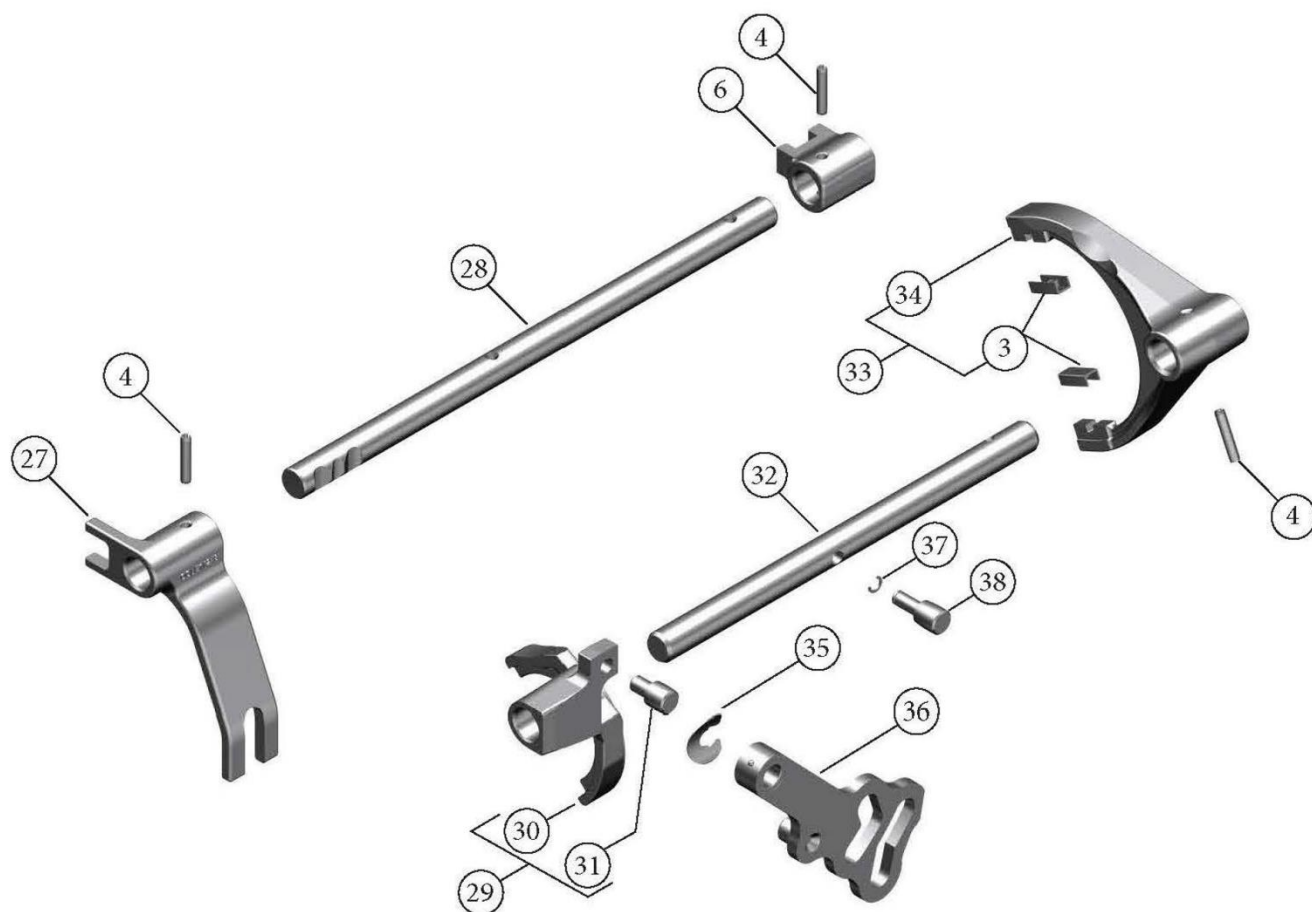
Section 9: Shift Fork and Rail Assembly

Shift Fork and Rail Assembly Legend

ITEM	QTY	PART NAME	PART NUMBER
1	1	SHIFT FORK 1ST-2ND ASSY	TCEC17270
2	1	SHIFT FORK 1ST-2ND	TCHR17251
3	4	FORK INSERT	TCNS4240
4	9	PIN SLOTTED SPRING	1000-043-016
5	1	SHIFT RAIL 1ST-2 ND	TCBR17252
6	2	GATE 1ST-2ND & 5TH-REV	TCTP17247
7	1	SHIFT FORK 3RD-4TH ASSY	TCEC17271
8	1	SHIFT FORK 3RD-4 TH	TCHR17250
9	2	FORK INSERT	1386-235-001
10	1	SHIFT RAIL 3RD-4 TH	TCBR17815
11	2	PLUNGER TRANS. SHIFTER INTERLOCK	2604895
12	1	INTERLOCK PIN	2604832
13	1	INTERLOCK PLATE	TCPT17263
14	1	GATE 3RD-4 TH	TCTP17584

Section 10: 5th / Reverse Shift Fork and Rail Assembly

5th Gear / Reverse Shift Fork and Rail Assembly View



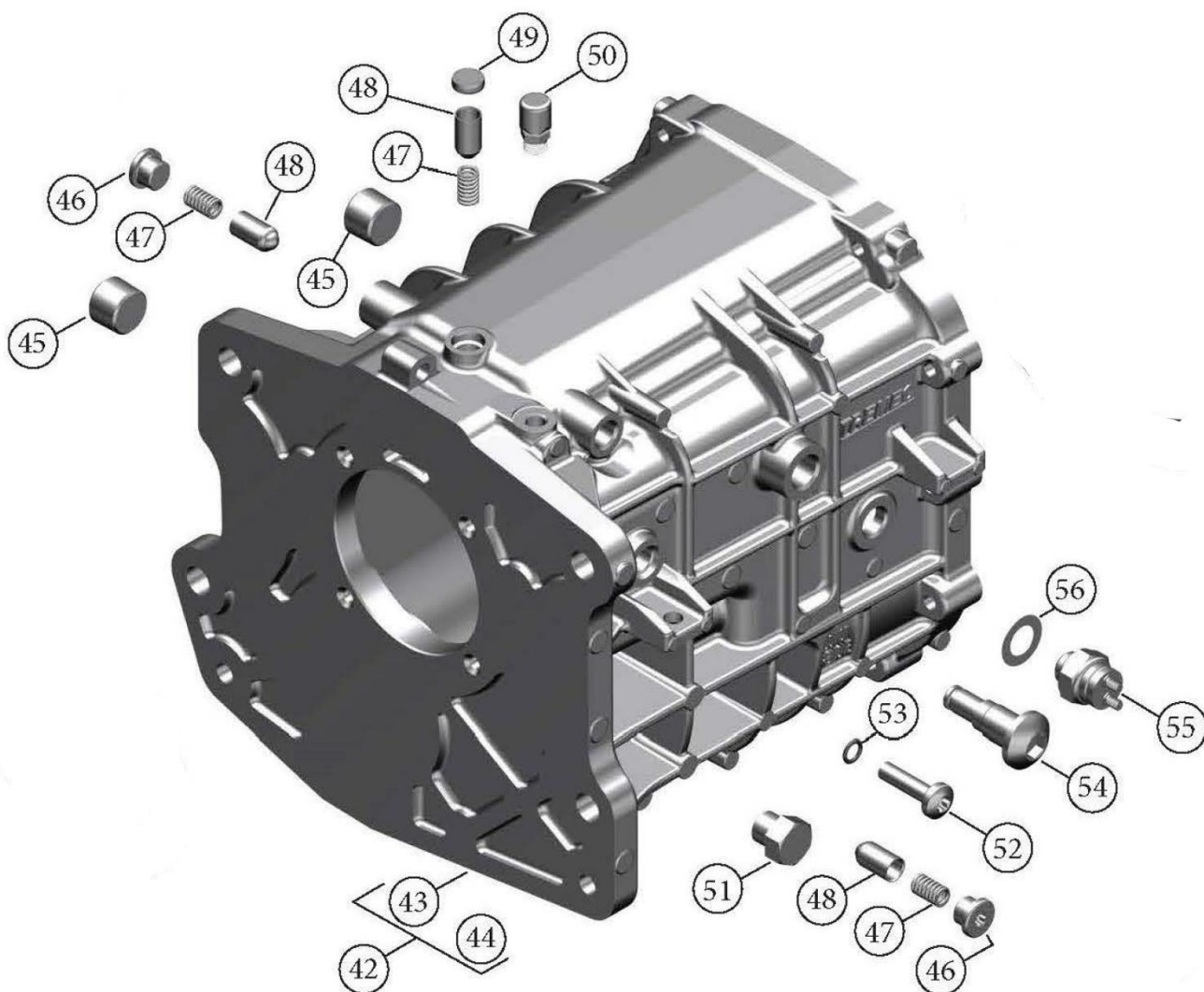
Section 10: 5th / Reverse Shift Fork and Rail Assembly

5th Gear / Reverse Shift Fork and Rail Assembly Legend

ITEM	QTY	PART NAME	PART NUMBER
4	9	PIN SLOTTED SPRING	1000-043-016
6	2	GATE 1ST-2ND & 5TH-REV	TCTP17247
27	1	LEVER - TRANS. REV GEAR SHIFT RELAY	TCLE17248
28	1	SHIFT RAIL 5TH-REV	TCBR17249
29	1	REVERSE FORK ASSY	2606216
30	1	REVERSE FORK	NSS
31	1	REVERSE FORK PIN	NSS
32	1	SHIFT RAIL 5 TH	TCBR17444
33	1	SHIFT FORK 5TH ASSY	TCEC17811
34	1	SHIFT FORK 5 TH	NSS
35	1	CLIP, WAVE "E"	2603965
36	1	LEVER - TRANS. REVERSE-O.D.	2605948
37	1	CIRCLIP	TCMS17460
38	1	BLOCKER PIN	TCPE17461

Section 11: Main Case Assembly

Main Case Assembly View



Section 12: Intermediate Assembly

Main Case Assembly Legend

ITEM	QTY	PART NAME	PART NUMBER
42	1	CASE TRANSMISSION ASSY	SEE VARIABLE PART
43	1	CASE TRANSMISSION	SEE VARIABLE PARTS
44	2	BEARING CUP	BEA0483F
45	2	SOCKET HEAD PIPE PLUG	1300-052-007
46	2	WAFER HEAD MACHINE SCREW	TCTA1304
47	3	SPRING DETENT	TCRE17486
48	3	BALL POPPET	TCPE8862
49	2	COVER SEAL	SEA0232F
50	1	VENT ASSEMBLY	TCMS13804
51	1	CAP-HEX FLANGE BOLT	TUTN7205
52	1	SOCKET HEAD SCREW	BOL3534F
53	1	O-RING	TCSJ16927
54	1	PIN, PIVOT-REVERSE	2604720
55	1	REVERSE SWITCH	2606249
56	1	GASKET BACK UP LAMP SWITCH	2605032

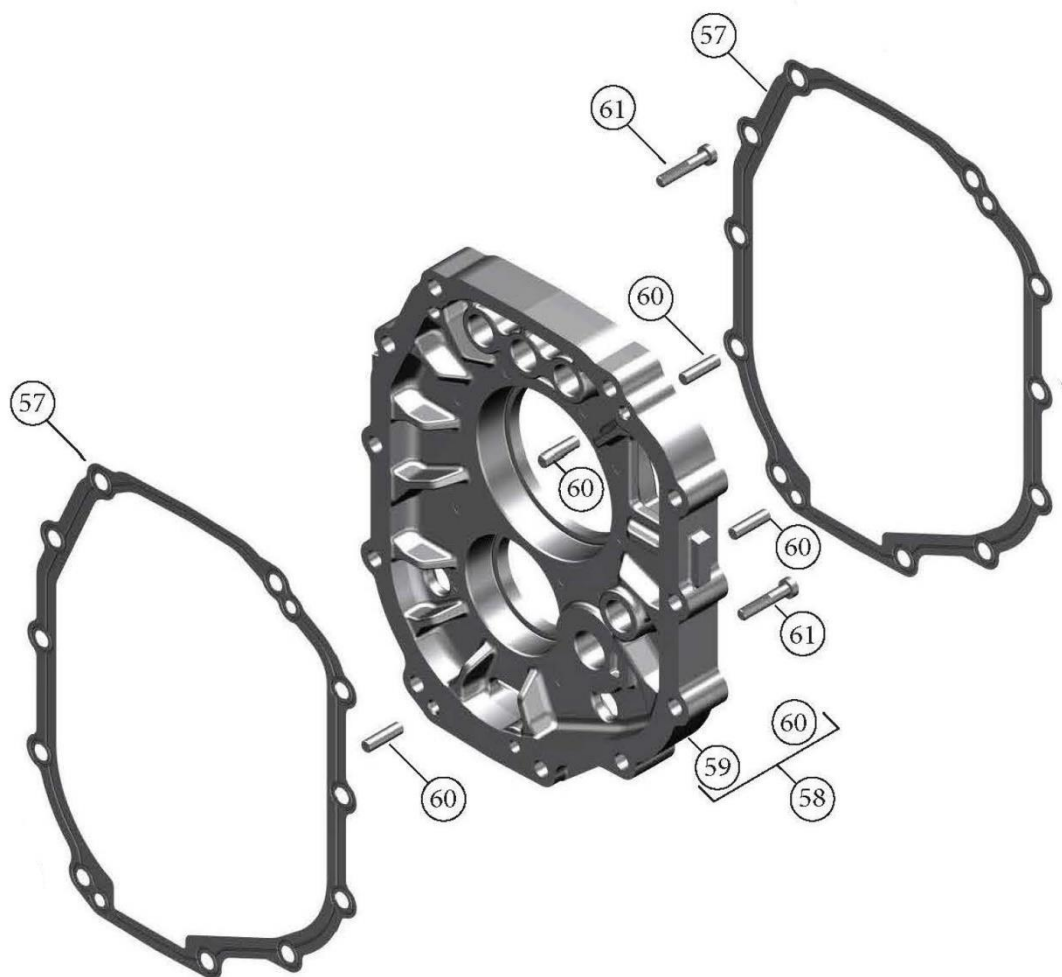
VARIABLE PARTS			Transmission Assembly						
			TCET18086 FORD	TCET18083 GM	TCET18084 FORD	TCET17722 GM	TCET17765 FORD	TCET17805 GM	TCET18085 FORD
ITEM	QTY	PART NAME	PART NUMBER						
40	1	BEARING RETAINER INPUT SHAFT	2606243	TCRB0131	2606243	TCRB0131	2606243	TCRB0131	2606243
42	1	CASE TRANSMISSION ASSY	TCEP17746	TCEP17264	TCEP17746	TCEP17264	TCEP17746	TCEP17264	TCEP17746
43	1	CASE TRANSMISSION	TCCA17746	TCCA17264	TCCA17746	TCCA17264	TCCA17746	TCCA17264	TCCA17746
64	1	EXTENSION HOUSING ASSY	TCEP17750	TCEP17265	TCEP17750	TCEP17265	TCEP17750	TCEP17265	TCEP17750
65	1	EXTENSION HOUSING	TCEX17750	TCEX17265	TCEX17750	TCEX17265	TCEX17750	TCEX17265	TCEX17750
74	1	SPEED SENSOR	4400-640-019	TNSW1137	4400-640-019	TNSW1137	4400-640-019	TNSW1137	4400-640-019
90	1	INPUT SHAFT	TCFM18027	TCFM17956	TCFM17409	TCFM17802	TCFM17409	TCFM17802	TCFM18025
103	1	MAIN SHAFT	TCFP18019	TCFP17849	TCFP18019	TCFP17849	TCFP18019	TCFP17849	TCFP18019
113	1	1ST SPEED GEAR ASSY	TCEE18030	TCEE18030	TCEE17774	TCEE17774	TCEE17774	TCEE17774	TCEE18030
120	1	GEAR 5TH SPEED DRIVEN	TCEN17801	TCEN17801	TCEN18018	TCEN18018	TCEN17801	TCEN17801	TCEN17801
124	1	CARBON STEEL BALL	10J000008	TCER1252	10J000008	TCER1252	10J000008	TCER1252	10J000008
125	1	ROTOR, SPEEDOMETER	TCEV1276	TCEV5065	TCEV1276	TCEV5065	TCEV1276	TCEV5065	TCEV1276
126	1	CARBON STEEL BALL	10J000008	10J000008	10J000008	10J000008	10J000008	10J000008	10J000008
127	1	GEAR - SPEEDOMETER DRIVE	TCEV4259	2601215	TCEV4259	2601215	TCEV4259	2601215	TCEV4259
132	1	COUNTER SHAFT	TCCF17952	TCCF17952	TCCF17768	TCCF17768	TCCF17768	TCCF17768	TCCF17952
137	1	5TH SPEED GEAR ASSY	TCEE17806	TCEE17806	TCEE17724	TCEE17724	TCEE17806	TCEE17806	TCEE17806
138	1	SYNCH. ASSY 5TH	TCES17807	TCES17807	TCES17726	TCES17726	TCES17807	TCES17807	TCES17807
148	1	REVERSE IDLE GEAR	TCEN18029	TCEN18029	TCEN17255	TCEN17255	TCEN17255	TCEN17255	TCEN18029

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Subject to design and/or appearance modifications that are production standards at the time of shipping

Section 12: Intermediate Assembly

Intermediate Assembly View



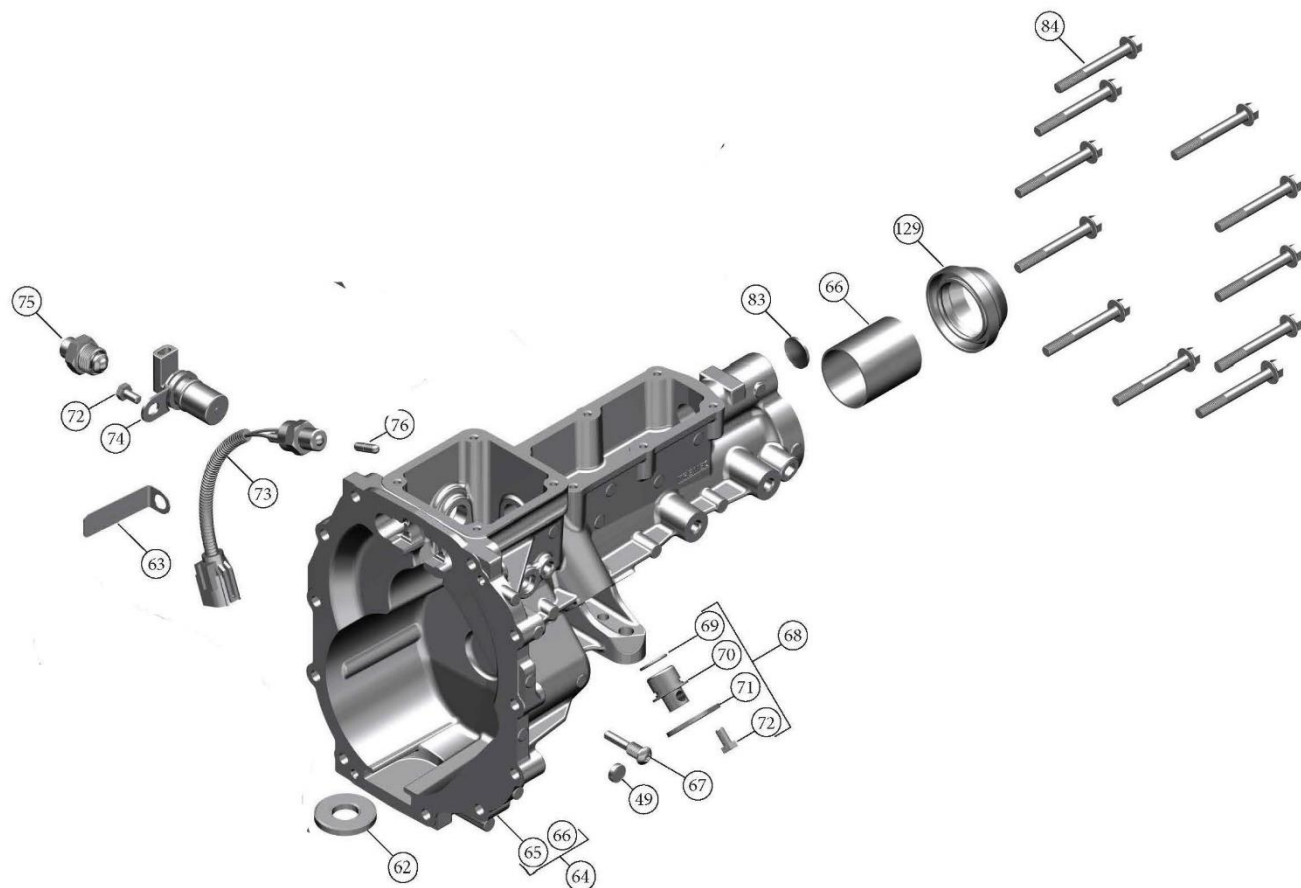
Section 12: Intermediate Assembly

Intermediate Assembly Legend

ITEM	QTY	PART NAME	PART NUMBER
57	1	SEALING GASKET	TCSJ17415
58	1	INTERMEDIATE PLATE ASSY	TCEP17266
59	1	INTERMEDIATE PLATE	NSS
60	4	DOWEL PIN	141199
61	2	SOCKET HEAD CAP SCREW	TCTN17465

Section 13: Extension Housing Assembly

Extension Housing Assembly View



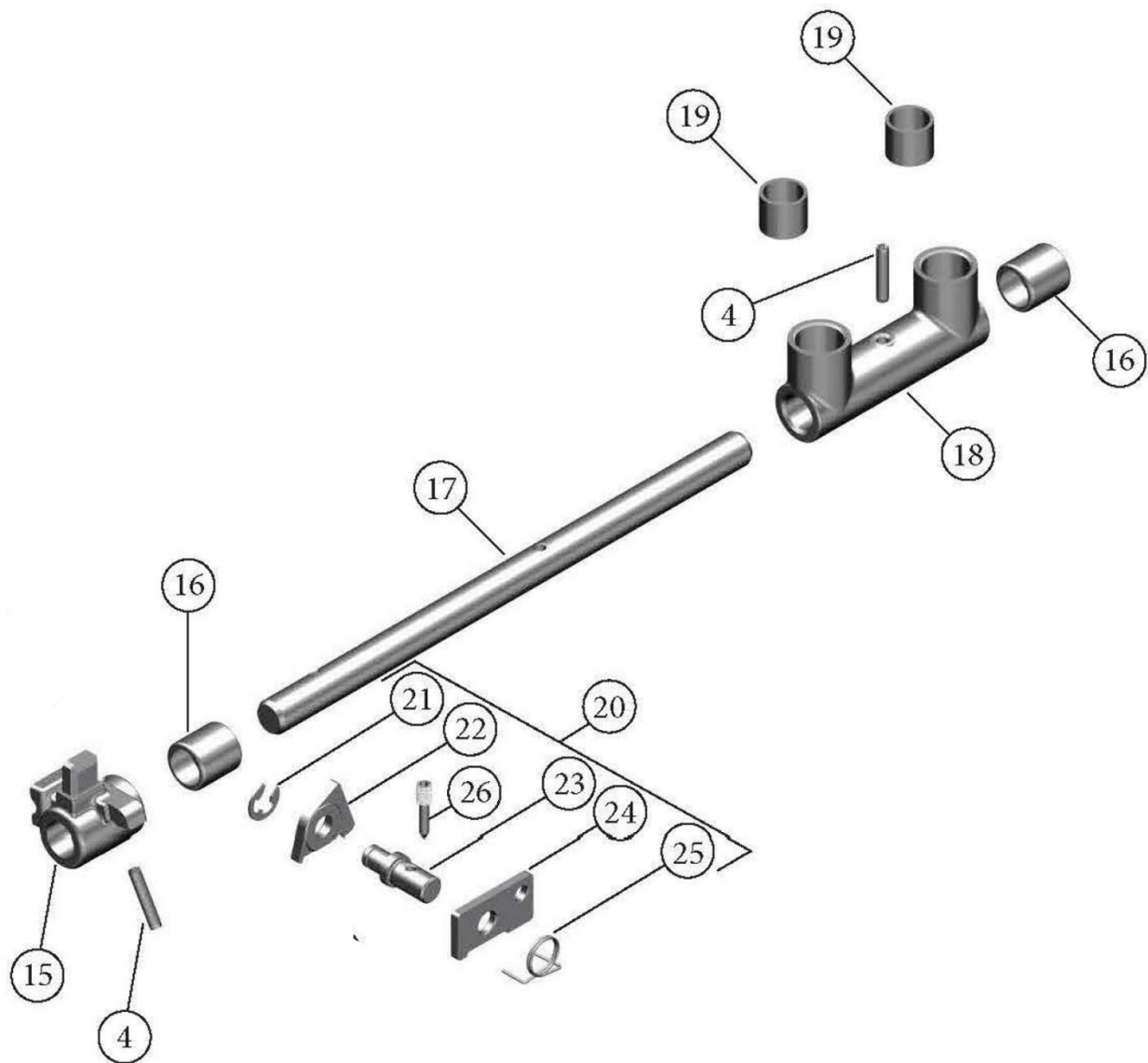
Section 13: Extension Housing Assembly

Extension Housing Assembly Legend

ITEM	QTY	PART NAME	PART NUMBER
49	2	COVER SEAL	SEA0232F
62	1	MAGNET	2602631
63	1	IDENTIFICATION TAG	2604737
64	1	EXTENSION HOUSING ASSY	SEE VARIABLE PARTS
65	1	EXTENSION HOUSING	SEE VARIABLE PARTS
66	1	BUSHING EXTENSION	1386-127-003
67	1	RETAINER PIN	1386-183-003
69	1	O-RING	30-463-10
70	1	SPEEDOMETER PLUG	30-39-1
71	1	RETAINER	30-360-1
72	2	SCREW	30-443-1
73	1	NEUTRAL SWITCH	1300-140-004
74	1	SPEED SENSOR	SEE VARIABLE PARTS
75	1	INTERLOCK PIN	TUTN11627
76	1	PLUNGER	TCPE17594
83	1	PLUG REAR EXTENSION	12F000015
84	11	BOLT HEX. FLANGE HEAD	TCTN17406
129	1	OIL SEAL	TCSJ1277

Section 14: Selector Rail Assembly

Selector Rail Assembly View



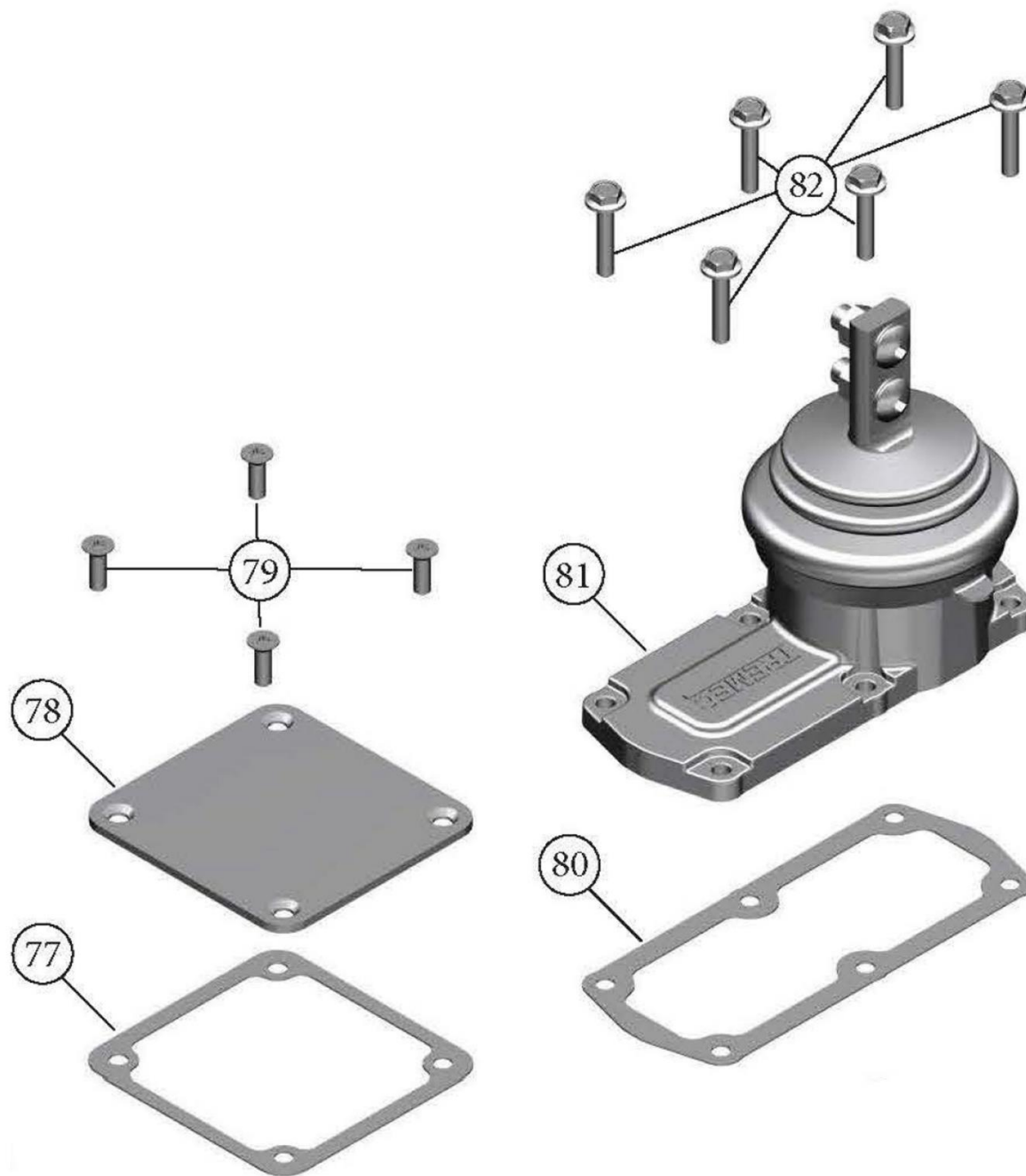
Section 14: Selector Rail Assembly

Selector Rail Assembly Legend

ITEM	QTY	PART NAME	PART NUMBER
4	9	PIN SLOTTED SPRING	1000-043-016
15	1	SELECTOR ARM	TCTP17246
16	2	LINEAR BEARING	TUBA7952
17	1	SELECTOR RAIL	TCBR17579
18	1	SELECTOR SEAT	TCTP4257
19	2	BUSHING, SHIFT LEVER SOCKET	2606246
20	1	INHIBITOR ASSY	TCEC17259
21	1	E-CLIP	7238695
22	1	REVERSE INHIBITOR	7238515
23	1	INHIBITOR RAIL	TCBR17260
24	1	INHIBITOR PLATE	TCPT17261
25	1	REVERSE INHIBITOR SPRING	7238635
26	1	SET SCREW-INTERNAL HEX W/DOG PT	6501092

Section 15: Shifter Assembly

Shifter Assembly View



Section 15: Shifter Assembly

Shifter Assembly Legend

ITEM	QTY	PART NAME	PART NUMBER
77	1	GASKET - SELECTOR COVER	TCSJ17417
78	1	COVER PLATE	TCPT17564
79	4	SOCKET CSK SCREW	BOL0944F
80	1	GASKET – SHIFTER	TCSJ17418
81	1	SHIFTER TURRET ASSY	TCEC17468
82	6	CONTROL TOWER BOLT	TCTN0620



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