

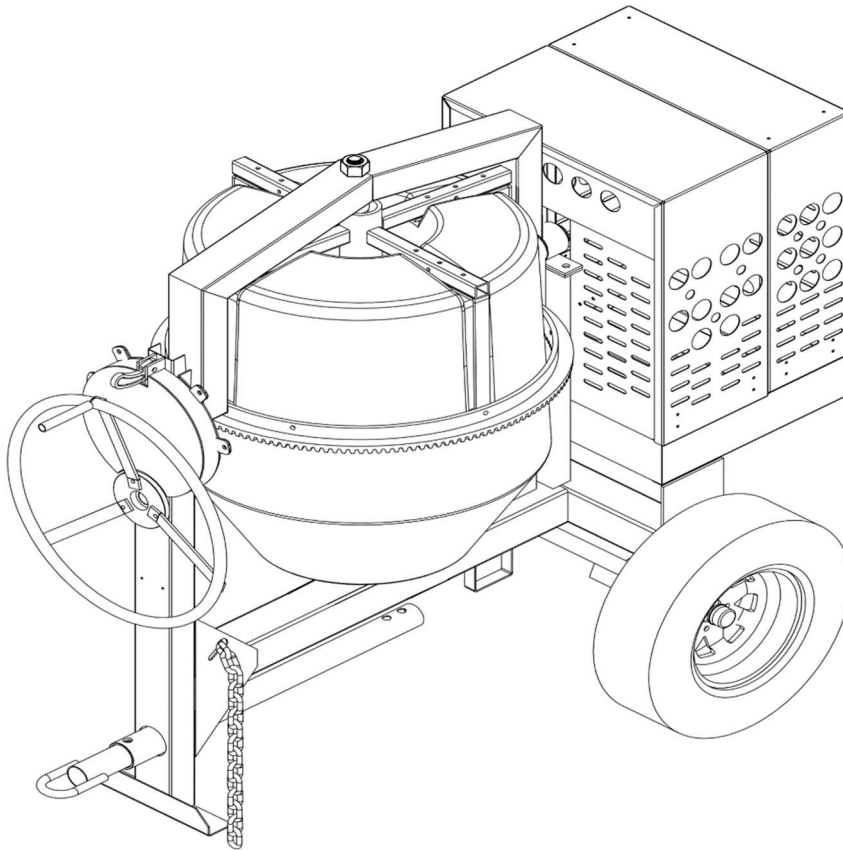


**BARTELL
GLOBAL**

**PARTS
BOOK**

CONCRETE MIXER

MC75SH160, MC75SE200, MC95PH240,
MC95PE200, MC95SH240, MC95SE200, MC12SH390



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**ORIGINAL LANGUAGE OPERATING MANUAL FOR
BARTELL RIDE-ON TROWELS**

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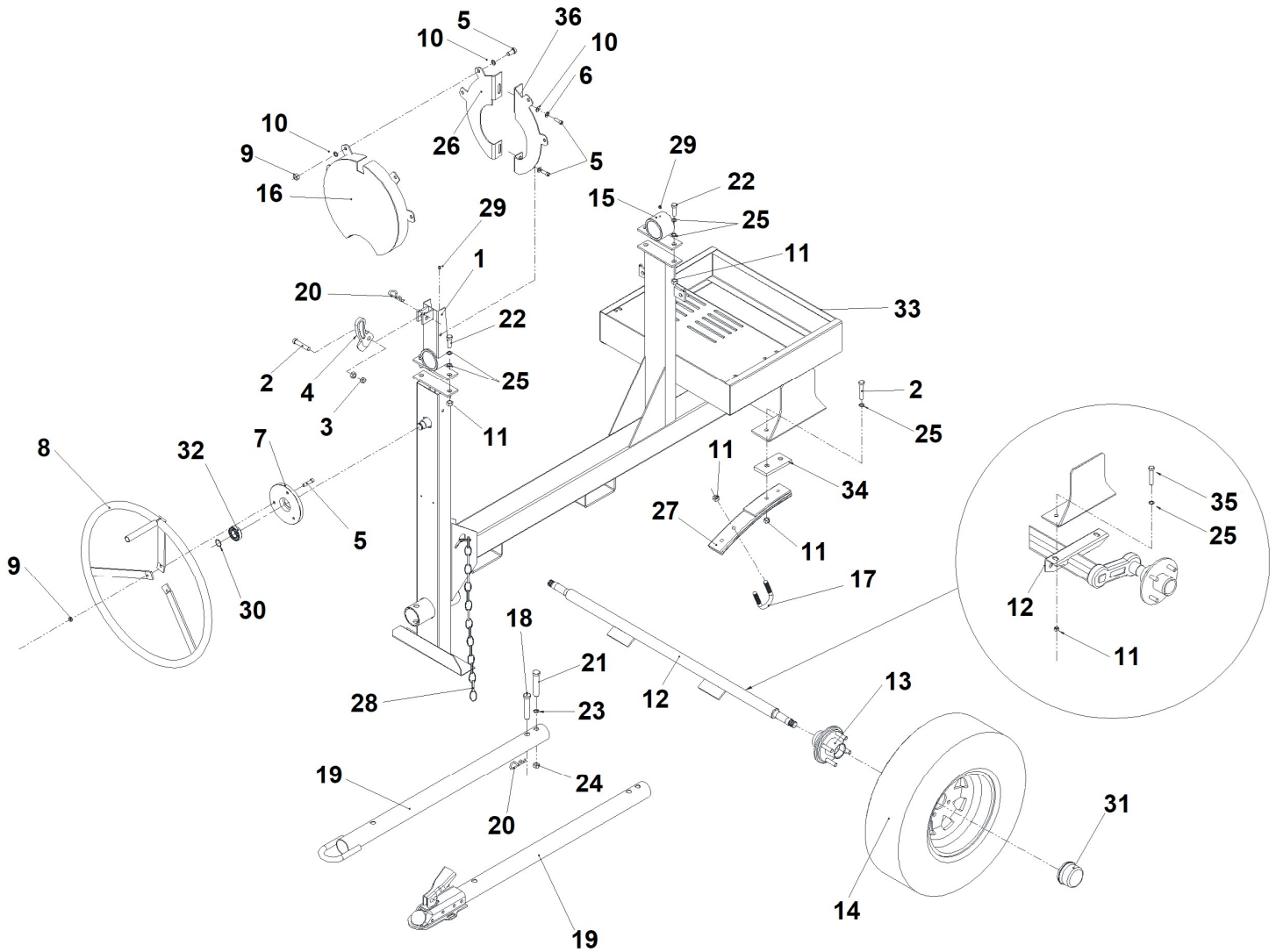
REV.	DATE	DESCRIPTION	APPROVED BY:
00	04/18	Release of new format	B.M
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TABLE OF CONTENTS

<u>PARTS LIST 1: CONCRETE MIXER</u>	<u>3</u>
FRAME ASSEMBLY DIAGRAM	3
FRAME ASSEMBLY PARTS LIST 1	4
<u>PARTS LIST 2: CONCRETE MIXER</u>	<u>5</u>
DRUM ASSEMBLY DIAGRAM	5
DRUM ASSEMBLY PARTS LIST 2	6
<u>PARTS LIST 3: CONCRETE MIXER</u>	<u>7</u>
POLY DRUM ASSEMBLY DIAGRAM	7
POLY DRUM ASSEMBLY PARTS LIST 3	8
<u>PARTS LIST 4: CONCRETE MIXER</u>	<u>9</u>
TRANSMISSION ASSEMBLY DIAGRAM	9
TRANSMISSION ASSEMBLY PARTS LIST 4	9
<u>PARTS LIST 5: CONCRETE MIXER</u>	<u>10</u>
HOOD ASSEMBLY DIAGRAM	10
HOOD ASSEMBLY PARTS LIST 5	10

PARTS LIST 1: CONCRETE MIXER

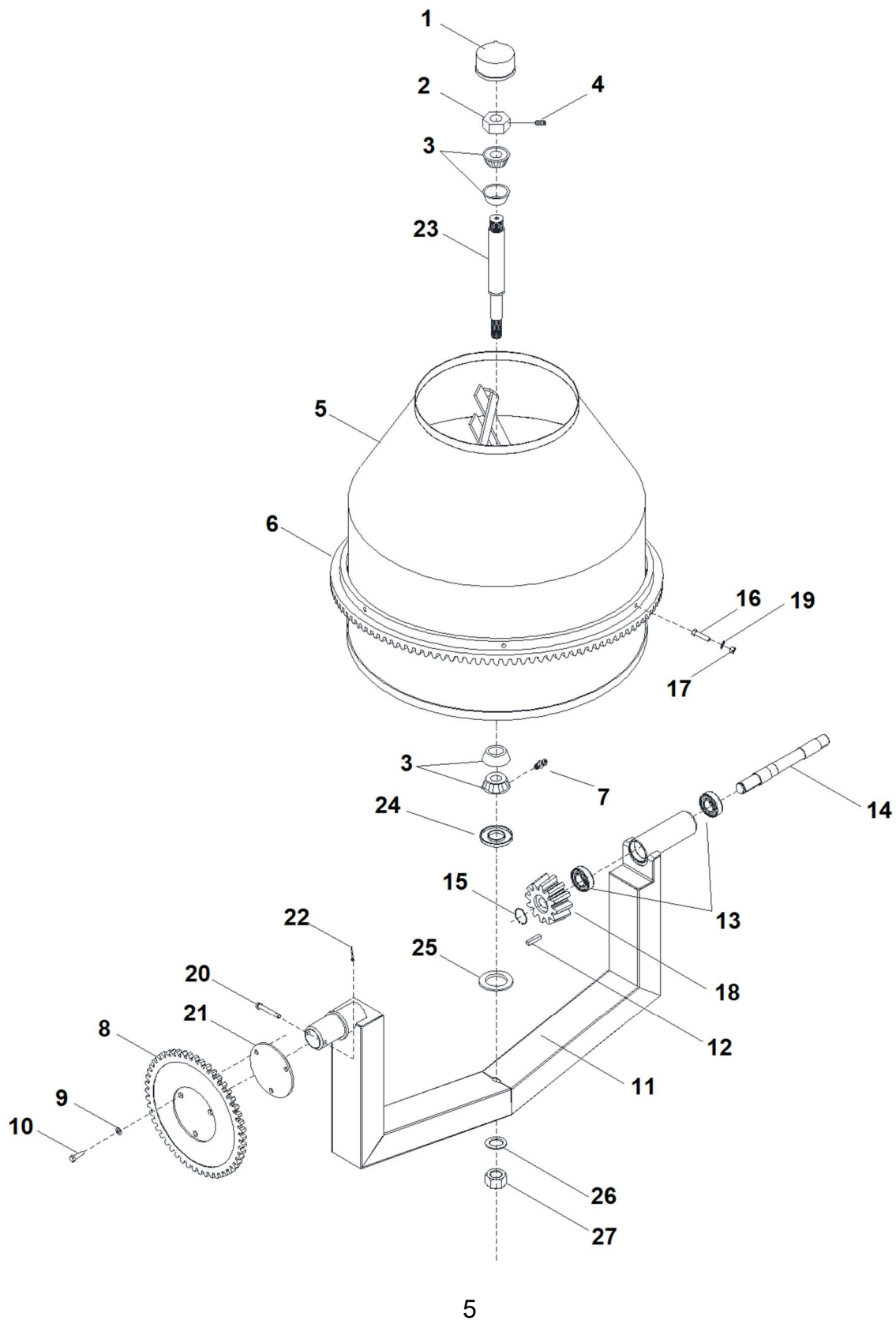
FRAME ASSEMBLY DIAGRAM



FRAME ASSEMBLY PARTS LIST 1					
ITEM #	PART #	DESCRIPTION	MC75	MC95	MC12
1	C103-T	STEERING WHEEL BRAKE (T-FRAME)	1	1	1
2	C146	HEX BOLT HD 1/2" X 2-1/2"	5	5	5
3	T190	HEX LOCK NUT 1/2"	2	2	2
4	C104	STEERING WHEEL LOCK PIN BREAK	1	1	1
5	T176	HEX BOLT 3/8" X 1-1/2"	3	3	3
6	T113	LOCK WASHER 3/8"	4	4	4
7	C536	CONTROL HANDLE BLOCK 5-15/16" E.D. X 1-1/4" W/6205 (NEW)	1	1	1
8	C110	STEERING WHEEL HANDLE W/ GRIP	1	1	1
9	T114	HEX LOCK NUT 3/8"	3	3	3
10	T112	PLAIN WASHER 3/8"	12	12	12
11	T106	HEX LOCK NUT 1/2"	12	12	12
12	C134	STANDARD CM AXLE, ASSY INCLUDES HUBS	1	1	1
12	702205	TORSION AXLE (UPGRADE) FOR CM (NEW)	1 OP	1 OP	1 OP
13	T129-1	WHEEL HUB W/ 1" BRG L44643 & DUST CAP (NEW)	2	2	2
14	T137-12	WHEEL & TIRE ASSY 4.8 X 12"	2		
14	T137	WHEEL & TIRE ASSY 165-80 R13"	2	2	2
15	C537	DRUM YOKE PILLOW BLOCK	1	1	1
16	C538	CONTROL HANDLE SAFETY GEAR GUARD FRONT	1	1	1
17	C166	CM/HM AXLE U-CLAMP	2	2	2
18*	T121	TOWING HITCH, LOCK PIN 3/4"	1	1	1
18	C539	TOWING HITCH, LOCK PIN 5/8"	1	1	1
19	T119-V	2" BALL HITCH VERTICAL HOLE	1	1	1
19	T118-V	PINTLE HITCH VERTICAL HOLE	1	1	1
20	T110	3/6" COTTER PIN	2	2	2
21*	T122	TOWING HITCH, HEX HEAD SCREW 3/4" X 3-1/2"	1	1	1
21	C540	TOWING HITCH, HEX HEAD SCREW 5/8" X 3-1/2"	1	1	1
22	T595	HEX BOLT HD GR5 1/2" X 1-1/2"	4	4	4
23*	T123	TOWING HITCH, SPRING WASHER 3/4"	1	1	1
23	C541	TOWING HITCH, SPRING WASHER 5/8"	1	1	1
24*	T124	TOWING HITCH, HEX NUT, 3/4 NF (2018)	1	1	1
24	C542	TOWING HITCH, HEX NUT, 5/8 NF	1	1	1
25	T112	SPRING WASHER 1/2"	12	12	12
26	C543	CONTROL HANDLE GEAR GUARD RIGHT (T-FRAME)	1	1	1
27	C165	CM AXLE LEIFS SPRINGS SET (2)	2	2	2
28	T501	5/16 SAFETY CHAIN W/ OVAL SNAPS	1	1	1
29	C155	FTG, GREASE ST 1/8 NPT	2	2	2
30	C151	RETAINING OMEGA RING - 1-15/16"	1	1	1
31	T136-1	DUST CAP FOR WHEEL HUBS 1.98" (NEW)	2	2	2
31		TORSION AXLE DUST CAP 2" (NEW)	2	2	2
32	C154	BALL BEARING, 6205	1	1	1
33	C545	CM T-FRAME ALL MODELS 2019	1	1	1
34	C556	SPRING LEIFS SPACER SET (2)	2	2	2
35	T189	HEX BOLT 1/2 X 1-3/4"	4	4	4
36	C544	CONTROL HANDLE GEAR GUARD RIGHT (T-FRAME)	1	1	1

PARTS LIST 2: CONCRETE MIXER

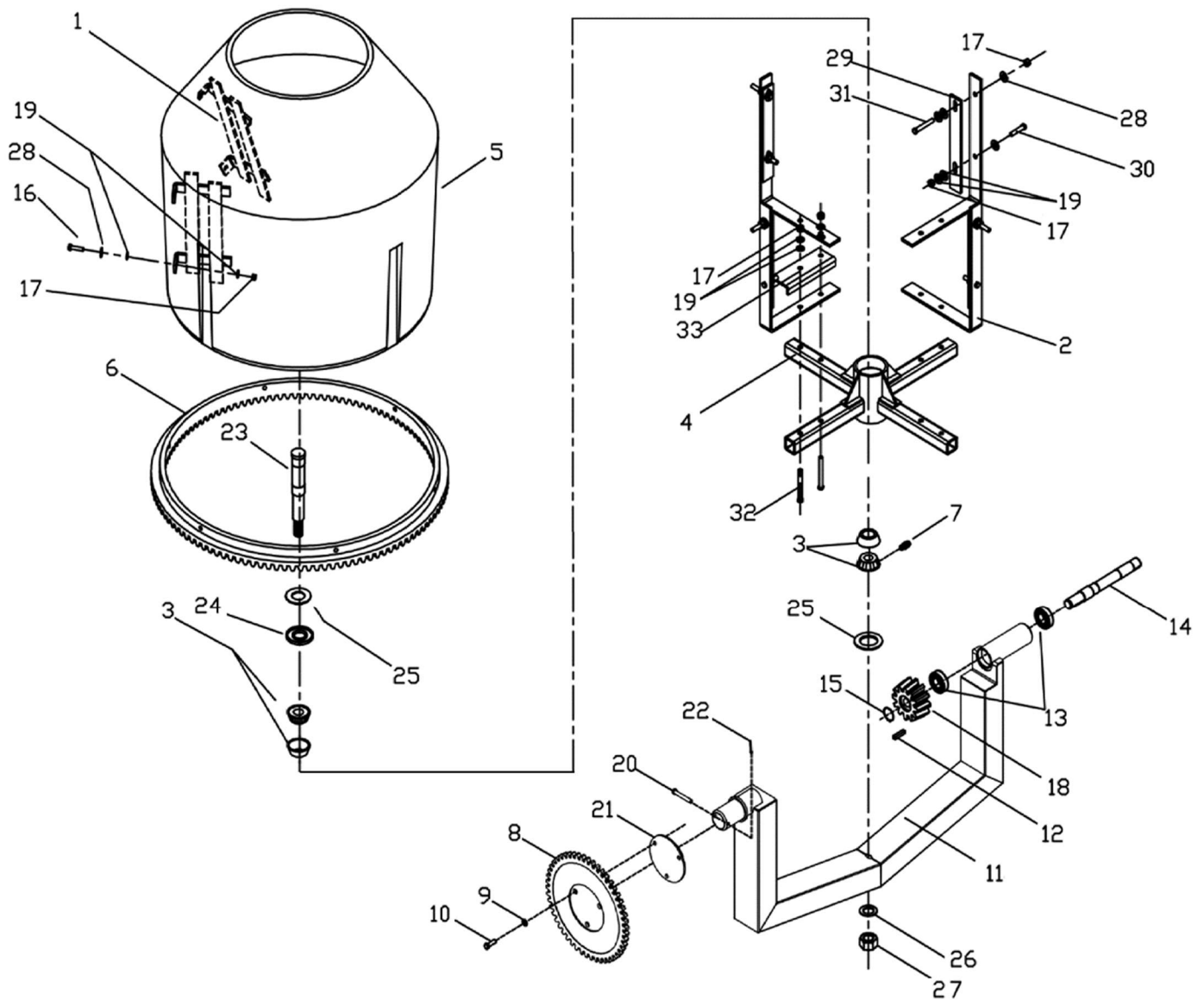
DRUM ASSEMBLY DIAGRAM



DRUM ASSEMBLY PARTS LIST 2					
ITEM #	PART #	DESCRIPTION	MC75	MC95	MC12
1	C118	INSIDE DRUM CAP	1	1	1
2	C117	HEX NUT, 1-3/8"	2	2	2
3	C150	BALL BEARING, TRB CO&SL 4T-LM67048L (W/ CUP BA2788/20)	2	2	1
3	C171	BALL BEARING, LM104949 (BEFORE 2012 CM12V & NEW CM12T)			1
4	C116	ALLEN SCREW 3/8 X 1/2	2	2	2
5	C119	BARE DRUM (WITH WELDED PADDLES)	1		
5	C119-T	DRUM ASSEY (YOKE, SHAFT, BRGS (2) & RING G.) T-FRAME	1		
5	C120	BARE DRUM (WITH WELDED PADDLES)		1	
5	C120-T	DRUM ASSEY (YOKE, SHAFT, BRGS (2) & RING G.) FRAME		1	
5	C121	BARE DRUM (WITH WELDED PADDLES)			1
5	C121-T	DRUM ASSEY (YOKE, SHAFT, BRGS (2) & RING G.) T-FRAME			1
6	C122	RING GEAR (115 TH 32-7/8" DIA)	1	1	1
7	C155	FTG, GREASE ST 1/8 NPT	1	1	1
8	C554	STEERING WHEEL GEAR 14" (DUCTILE CASTING)	3	3	3
9	T112	SPING WASHER 1/2"	3	3	3
10	C555	HEX BOLT HD, 1/2 X 1	3	3	3
11	C549	DRUM YOKE (T- FRAME)	1	1	
11	C550	DRUM YOKE (T-FRAME)			1
12	T483	KEY 1/4 X 1-1/4	1	1	1
13	C154	BALL BEARING, 6205 (JEL205-100W3)	2	2	2
14	C124	TRANS. SHAFT CM SHAFT 1 1/16 X 9 3/4"	1	1	1
15	C151	RETAINING OMEGA RING - 1-15/16"	1	1	1
16	C141	HEX BOLT 3/8" X 1-1/2"	6	6	6
17	C142	HEX LOCK NUT 3/8"	6	6	6
18	C123	PINION 12 TOOTH (FOR NEW CM)	1	1	1
19	T112	PLAIN WASHER 3/8"	6	6	6
19*	C168	NEOPRENE WASHER, 1/2" ID X 2 OD X 1/16"	OPT	OPT	OPT
20	C552	HEX HEAD CAP SCREW 1/2 X 4"	1	1	1
21	C553	YOKE HANDLE BLOCK/FLANGE (T-FRAME)	1	1	1
22	C570	COTTER PIN 1/8 X 1-1/2"	1	1	1
23*	C571	BOWL SHAFT (T-FRAME) X 14-1/8" (NUT 1" NF) - 2019	1	1	
23	C546	BOWL SHAFT (T-FRAME) X 14-1/8" (NUT 1-1/4" NF)	1	1	
23*	C572	BOWL SHAFT CM12 (T-FRAME) X 14" (NUT 1" NF) - 2019			1
23	C547	BOWL SHAFT CM12 (T-FRAME) X 14" (NUT 1-1/4" NF)			1
24	C532	BOWL SHAFT OIL SEAL TC38X80X8 - 2017	1	1	
24	C548	BOWL SHAFT OIL SEAL 855T (FOR 1X10494 BRG)			1
25	C557	DUST COVER 3-1/8"-18	1	1	
25	C558	DUST COVER 3-1/4"-10			1
26	C559	SPRING WASHER 1-1/4"	1	1	1
27*	C574	MAIN SHAFT HEX NUT 1" NF - 2019	1	1	1
27	C560	MAIN SHAFT HEX NUT 1-1/4 NF	1	1	1
*	N/A	BOWL SHAFT, CM-T 3/8" SPACER (FOR REPAIR ONLY)	N/A	N/A	N/A

PARTS LIST 3: CONCRETE MIXER

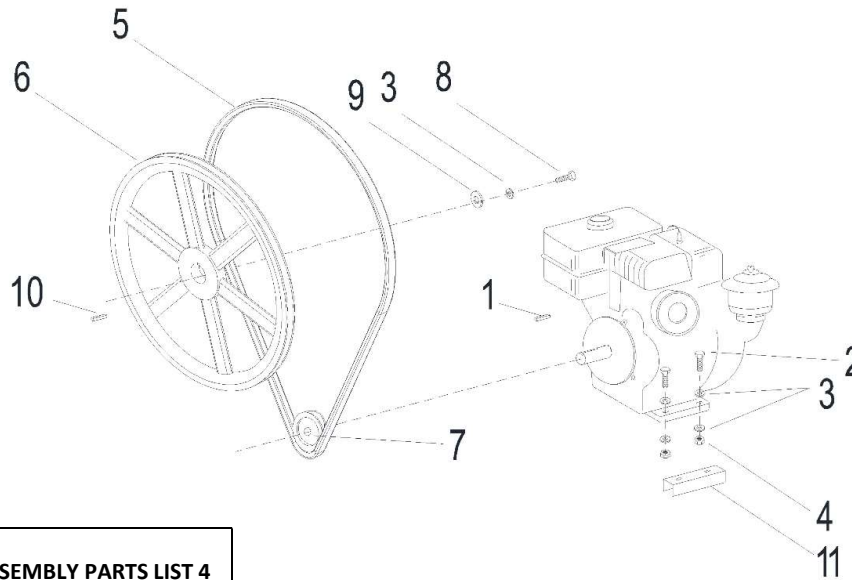
POLY DRUM ASSEMBLY DIAGRAM



POLY DRUM ASSEMBLY PARTS LIST 3			
ITEM #	PART #	DESCRIPTION	MC95P
1	C505	PADDLE	6
2	C529	BRACKET SUPPORT ARM	4
3	C150	BALL BEARING, TRB CO&SL 4T-LM67048L (W/ CUP BA2788/20)	2
4	C508	DRUM SUPPORT REINFORCED	1
5	C504	DRUM, INCLUDES PADDLES	1
5		C9P/CM9P DRUM KIT ASSEY (DRUM, PADDLES, YOKE, RING) T-FRAME	1
6	C122	RING GEAR (115 TH 32-7/8" DIA)	1
7	C155	FITTING, GREASE ST 1/8 NPT	1
8	C554	STEERING WHEEL GEAR 14" (DUCTILE CASTING)	1
9	T568	SPRING WASHER 1/2"	3
10	C555	HEX BOLT HD, 1/2 X 1	3
11	C576	YOKE (T-FRAME)	1
12	T483	KEY 1/4 X 1-1/4	1
13	C154	BALL BEARING, 6205 (JEL205-100W3)	2
14	C124	TRANS. SHAFT CM SHAFT 1 1/16 X 9 3/4"	1
15	C151	RETAINING OMEGA RING - 1-15/16"	1
16	C141	HEX BOLT 3/8" X 1-1/2"	12
17	C142	HEX LOCK NUT 3/8"	28
18	C123	PINION 12 TOOTH (FOR NEW CM)	1
19	T112	PLAIN WASHER 3/8"	56
20	C552	HEX HEAD CAP SCREW 1/2 X 4"	1
21	C553	YOKE HANDLE BLOCK/FLANGE (T-FRAME)	1
22	C570	COTTER PIN 1/8 X 1-1/2"	1
23	C517	SHAFT C9P 14" (HEX NUT 1-3/8 NC) ONLY FOR 2019	1
23	C569	SHAFT CM9PT 2020 15" - 1/16" (HEX NUT 1-1/4 NF)	1
24	C532	CM DRUM BOWL SEAL TC38X80X8 - C532 - 702126	1
25	C557	DRUM BOWL SEAL 3-1/8" _18 - C557 - 702220	2
26	C559	SPRING WASHER 1-1/4" - C559 - 701040	1
26	C577	SPRING WASHER 1-3/8" - C577 - 701045	1
27	C560	MAIN SHAFT HEX NUT 1-1/4 NF - C560 - 701041	1
27*	C574	MAIN SHAFT HEX NUT 1" NF - C574 - 227920	1
28	C147	PLAIN WASHER 1/2" - T105 - C172 - 174470	24
29	C531	BRACKET SUPPORT INNER CM6P/C6P - C531 - 702123 - 0110SO01AD	4
30	C527	HEX BOLT HD, 3/8 X 1-3/4 - 226240	4
31	C526	HEX BOLT HD, 3/8" X 2-1/2 - T590 - 226270	4
32	C528	HEX BOLT HD, 3/8" X 3-1/2" - C528 - 226275	8
33	C525	CLAMP DRUM SUPPORT CM6P/CM9P - C525 - 702121	4

PARTS LIST 4: CONCRETE MIXER

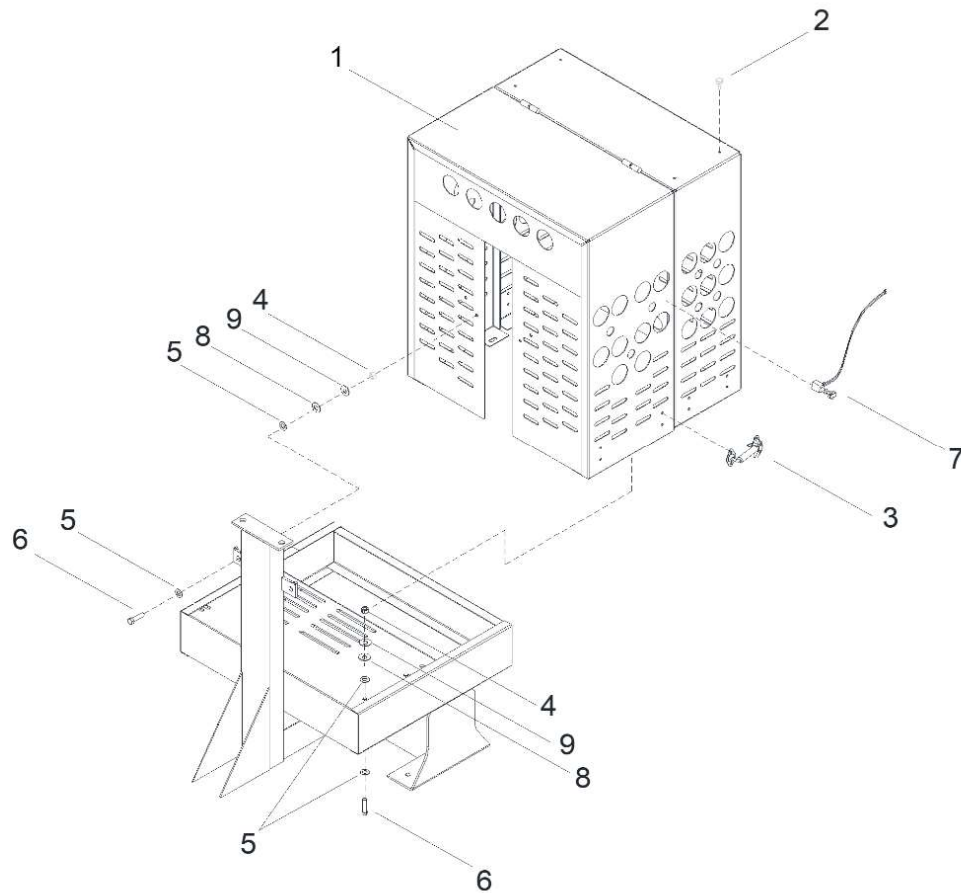
TRANSMISSION ASSEMBLY DIAGRAM



TRANSMISSION ASSEMBLY PARTS LIST 4					
ITEM #	PART #	DESCRIPTION	MC75	MC95	MC12
*	202002M	HONDA ENGINE GX160	1	1	
*	202008M	HONDA ENGINE GX240	1	1	
*	202012M	HONDA ENGINE GX390			1
*	N/A	ELECTRIC MOTOR VARIOUS OPTIONS	1	1	1
1	T147-1	KEY 1/4 X 1-1/4	1		
1	C581	KEY, 3/16 X 1-5/8 FOR BALDOR 0.5 HP – 2.0 HP	1	1	1
1	T147	KEY, 3/16" X 1-1/2" FOR 8-13HP ENGINE	1	1	1
2	C563	BOLT HEXHD, 5/16" X 3-1/2" FOR 5.5 HP GAS ENGINE	4		
2	T145	HEX BOLT HD, GR5 3/8" X 2"	4	4	4
2	C138	HEX BOLT 3/8 X 1 (ELECTRIC MOTORS)	4	4	4
3	T112	PLAIN WASHER 3/8"	9	9	9
4	T148	HEX HEAD LOCK NUT 5/16" FOR 5.5 HP GAS ENGINE	4		
4	T114	HEX LOCK NUT 3/8"	4	4	4
5	C568	BELT-V B63 GAS ENGINE UNITS (T-FRAME)	1	1	1
6	C125	PULLEY 19" X 1 GROOVE	1	1	1
7	C126	PULLEY 2-1/2" X CAL 3/4" (AK2534) FOR 5.5 HP GAS ENGINE	1		
7	C127	PULLEY 2-1/2" X CAL. 1" (8 HP -13 HP ENGINE)	1	1	1
7	C185	PULLEY 2-1/2" X 5/8" (AK2558) (.5 HP - 1.5 HP MOTOR)	1		
7	C186	PULLEY 2-1/2" X CAL 7/8" 1 GROOVE (AK2578) (2 HP MOTOR)	1	1	1
7	C187	PULLEY 2-1/2" X CAL 1 1/8" (3 HP - 5HP MOTOR)		1	1
8	T116	HEX BOLT HD, GR5 3/8 X 1 NF	1	1	1
9	C140	SPRING WASHER 3/8"	1	1	1
10	C152	KEY 1/4 X 1-1/4 - 701027 - C152 - T483 - 0000CU01TR	1	1	1
11	T165	RISER FOR 5.5HP ENGINE & ELECTRIC MOTOR	1		

PARTS LIST 5: CONCRETE MIXER

HOOD ASSEMBLY DIAGRAM



HOOD ASSEMBLY PARTS LIST 5					
ITEM #	PART #	DESCRIPTION	MC75	MC95	MC12
1	C131	HOOD, HINGED ASSY	1	1	1
2	T158	RUBBER SCREW 1/4" FOR SHROUD	2	2	2
3	T160	SHROUD HOOK ASSEMBLY	2	2	2
4	T114	HEX LOCK NUT 3/8"	4	4	4
5	T112	PLAIN WASHER 3/8"	8	8	8
6	T176	HEX BOLT 3/8" X 1-1/2"	4	4	4
7	T193	ENGINE KILL SWITCH ASSEY RED (WITH HARNESS)	1	1	1
7	T195-1	ENGINE N.O KILL SWITCH RED (NO HARNESS)	1	1	1
8	T105	PLAIN WASHER 1/2"	4	4	4
9	C168	NEOPRENE WASHER 2" X 1/2" X 1/16"	4	4	4

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