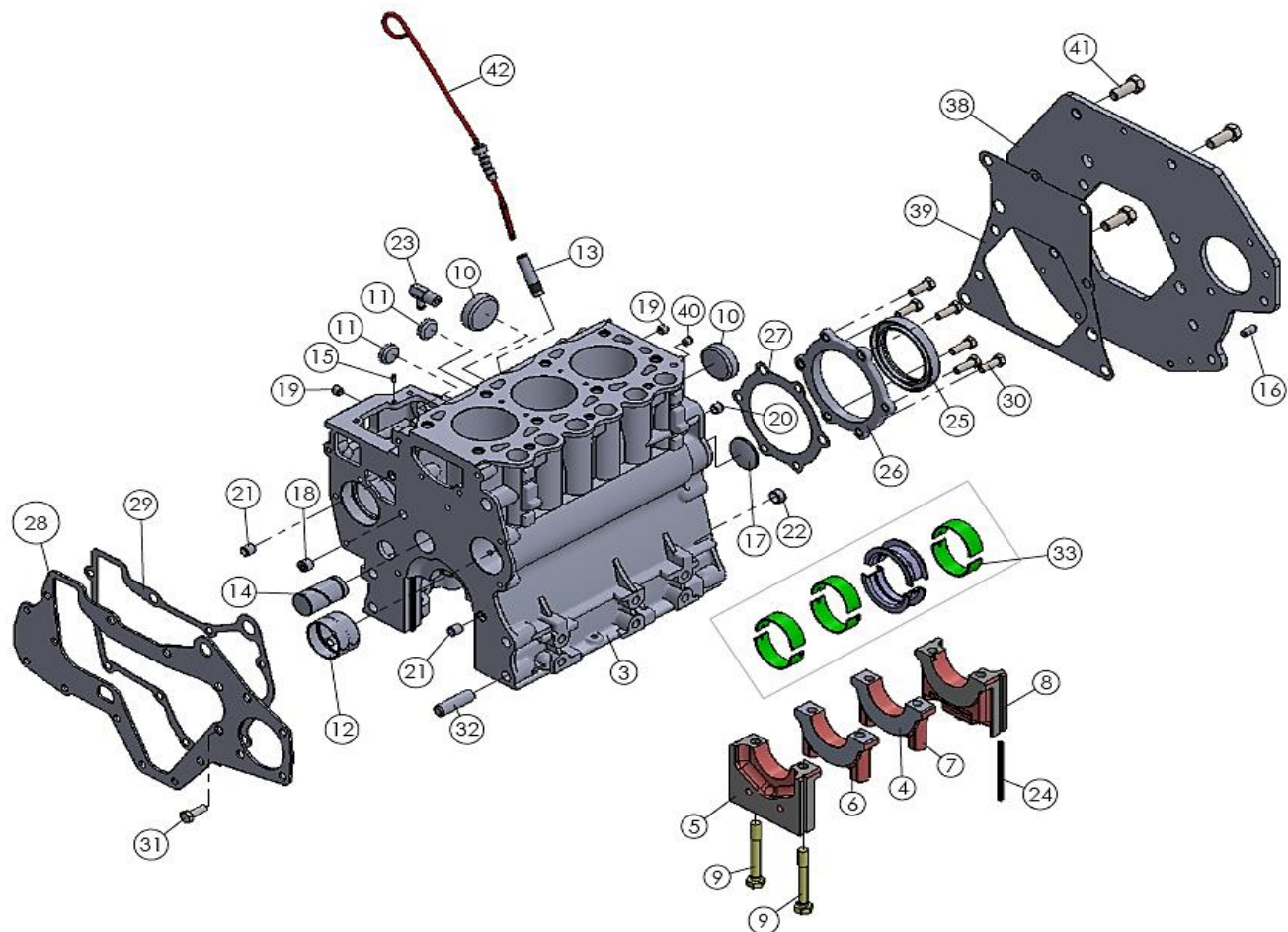
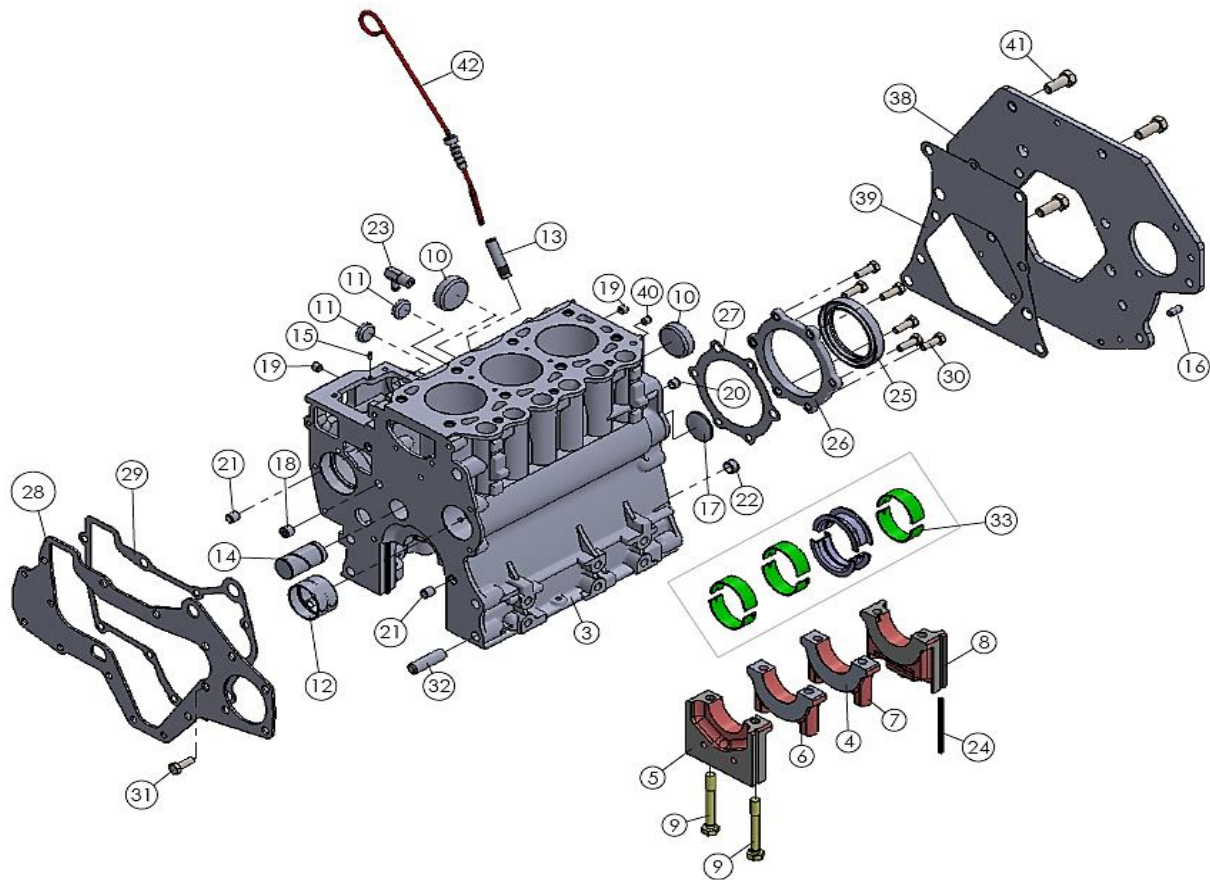


FIG. 101 CRANK CASE PAGE-2



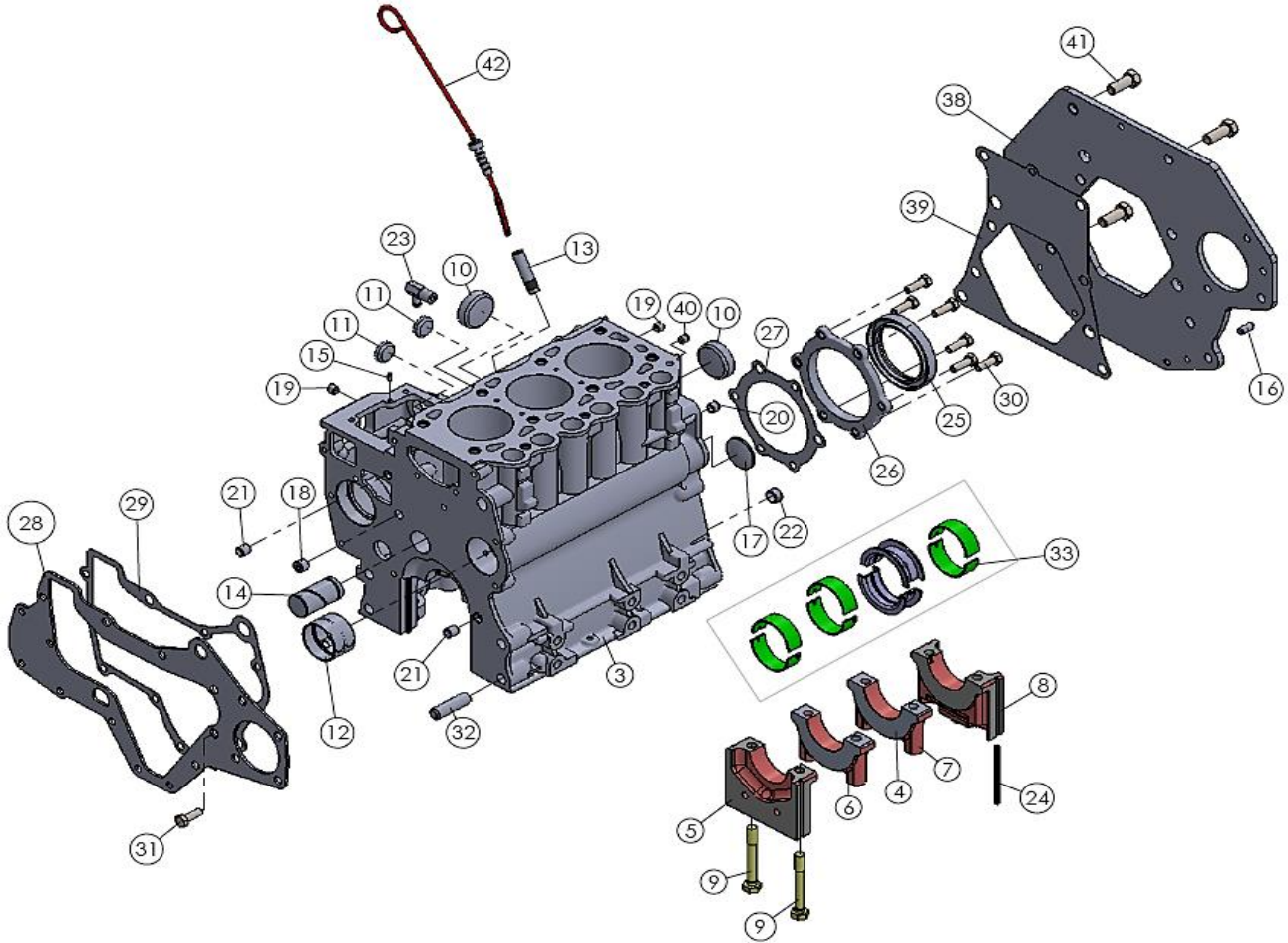
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable	
				180D		224D				
				MS	PS	MS	PS			
3	BCA01C00110A0	MM406217	CYLINDER BLOCK	1	1			Ø45 Ø25	YES	
3	BEF01C00000A0		CYLINDER BLOCK			1	1		YES	
9	MBG1008100GA0		BOLT, bearing cap	8	8	8	8		YES	
10	MGG4201600BA0		CAP, sealing	2	2	2	2		YES	
11	MGG2201600BA0		CAP, sealing	2	2	2	2		YES	
12	BCA01C00050A0		MM408176	BUSH, camshaft	1	1	1		1	YES
13	BCA01C00120A0		MM430613	GUIDE, oil level gauge	1	1	1		1	YES
14	BCA01C00100A0		MM430113	SHAFT, idler	1	1	1		1	YES
15	MPA0401000GA0		MM409645	PIN, DOWEL 4X10	2	1	1		1	YES
16	MPA0801800GA0		MF472404	PIN, DOWEL 8X18	1	1	1		1	YES
18	MUT0210000GA0	MS661121	PLUG, taper	3	3	3	3	Ø8 PT 1/4"	YES	
20	MGG0840900GA0	MS471104	BUSHING KNOCK	2	2	2	2	Ø8X9	YES	
21	MGG0841300GA0	MS471105	BUSH, knock	2	2	2	2	Ø8X13	YES	
22	MGG1250900GA0	MS471110	BUSH, knock	1	1	1	1	Ø12X9	YES	

FIG. 101 CRANK CASE PAGE-3



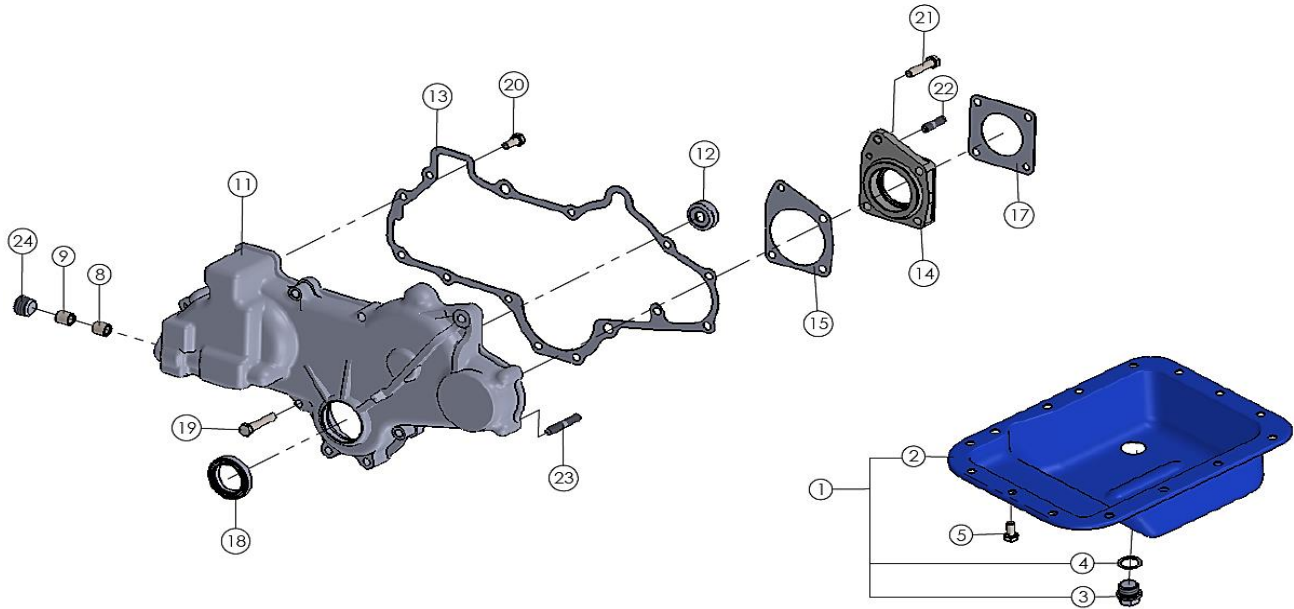
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
23	MUT0600000BA0	22010100240	TAPER PLUG 1/4 NPTF	1	1	1	1		YES
24	BCA01C00040A0	MM406228	SEAL, side	4	4	4	4		YES
25	BCA01C00030A0	18010100430	SEAL, oil	1	1	1	1		YES
26	BCA01C00060A0	MM408200	CASE, Oil seal	1	1	1	1		YES
27	MGG0940500GA0	MM4082051	GASKET, oil seal	1	1	1	1		YES
28	BCA01C00070A0	MM408221	PLATE, front	1	1	1	1		YES
29	MGG0000505GA0	MM4082261	GASKET, front plate	1	1	1	1		YES
30	MBA0802206BA0	M10008022	BOLT, hex. hd.	4	4	4	4	M8X22	YES
30a	MBA0802504BA0	M10008025	BOLT HEX HEAD	2	2	2	2		YES
30b	MWL0802003GA0	M30408	WASHER, spring	6	6	6	6	M8	YES
31	MBA0801602BA0	M10008016	BOLT, hex. hd.	3	3	3	3	M8X16	YES
31a	MWL0802003GA0	M30408	WASHER, spring	3	3	3	3	M8	YES
32	MDG1403000GA0	MF402635	STUD	2	2	2	2	M14X30	YES
32a	MBA0603500BA0	MM401080	BOLT HIGH SPEED	1	1	1	1		YES
32b	MNA0605501BA0	M17006	NUT HEXAGONAL	2	2	2	2		YES
32c	MBA0602500BA0	M10006025	BOLT HEX HEAD	1	1	1	1		YES
33	ACA97C00520A0	MM408160X0K0	BEARING SET, crank shaft	1	1	1	1	STD	YES
33a	ACA97C00580A0	MM408161X0K0	BEARING SET, crank shaft	1	1	1	1	0.25	YES
33b	ACA97C00410A0	MM408162X0K0	BEARING SET, crank shaft	1	1	1	1	0.5	YES
33c	ACA97C00270A0	MM408163X0K0	BEARING SET, crank shaft	1	1	1	1	0.75	YES
34			BEARING SET, crank shaft upper	3	3	3	3	STD	NO
35			BEARING SET, crank shaft lower	3	3	3	3	STD	NO

FIG. 101 CRANK CASE PAGE-3



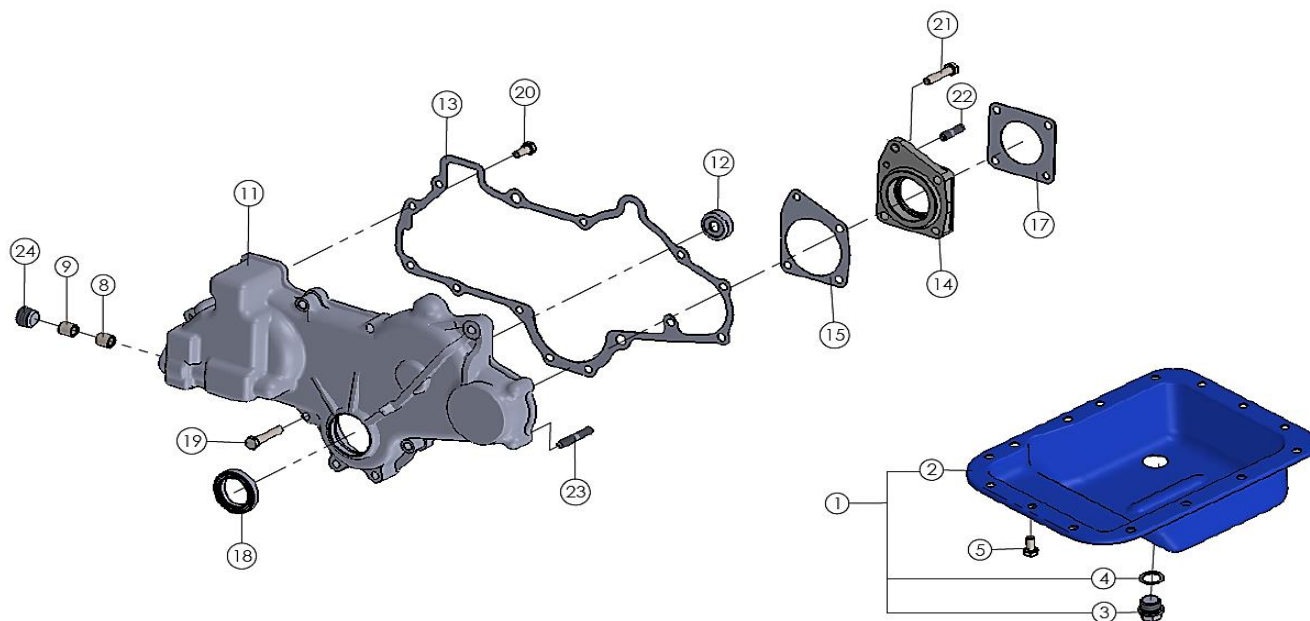
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
36			BEARING SET, crank shaft upper	1	1	1	1	STD	NO
37			BEARING SET, crank shaft lower	1	1	1	1	STD	NO
38	BCA01C00020A0	18010100210	PLATE, rear	1	1	1	1	Ø8X10 M12X30 M12	YES
39	MGG0000504GA0	MM4082161	GASKET, rear plate	1	1	1	1		YES
40	MPG0800800GA0	18010100340	PIN, Dowel	1	1	1	1		YES
41	MBA1203002BA0	M10012030	BOLT, hex. hd.	6	6	6	6		YES
41a	MWL1203002GA0	M30412	WASHER, spring	6	6	6	6		YES
42	BCA01C00090A0	MM4126533	GAUGE, oil level	1	1	1	1		YES

FIG. 102 OIL PAN & GEAR CASE PAGE-4



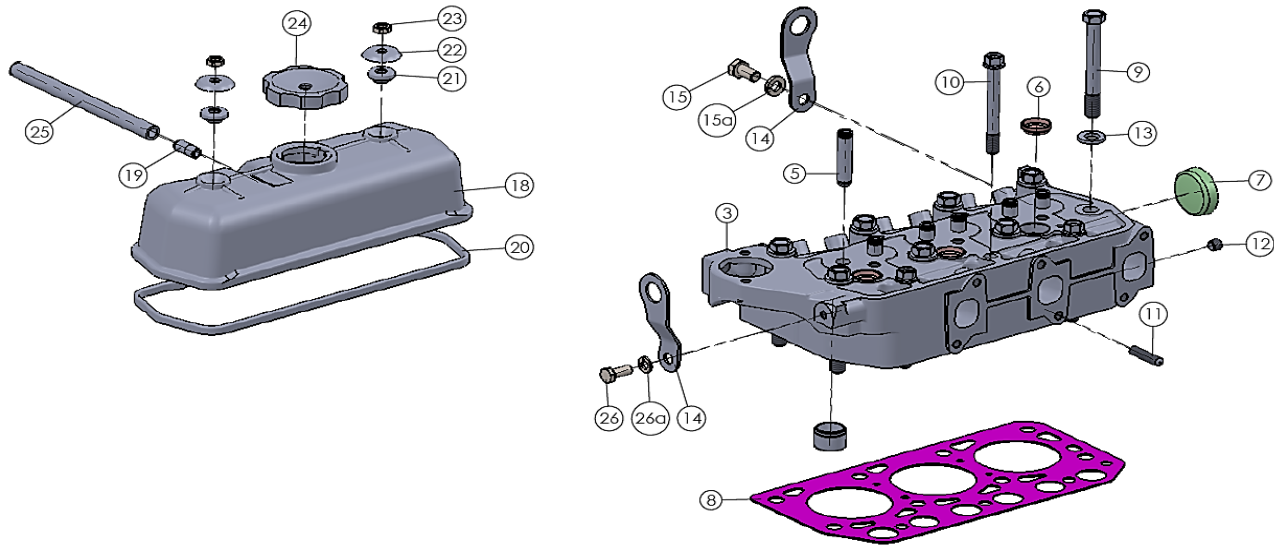
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
1	BCA01A00220A0	180102002x0	OIL PAN ASSY K3C PAINTED	1	1	1	1	ø18 M8x16 M8 M8	YES
3	MUG1800000BA0	18010200440	DRAIN PLUG	1	1	1	1		YES
4	MWN1602000GA0	8330001801	WASHER SEAL	1	1	1	1		YES
4a	MGG1601000GA0	MF660036	GASKET 16	1	1	1	1		YES
5	MBA0801602BA0	M10008016	BOLT, hex. hd.	15	15	15	15		YES
5a	MWL0802003GA0	M30408	WASHER, spring	15	15	15	15		YES
5b	MWA0801602GA0	M30008	WASHER, plain	15	15	15	15		YES
6~12			GEAR CASE ASSY. COMP.	1	1	1	1		NO
7	BCA01A00240A0	MM408238	GEAR CASE ASSY.	1	1	1	1		YES
8	MEN1015000GA0	MM406420	BEARING, needle	1	1	1	1		YES
9	MEN1015001GA0	MM406421	BEARING, needle	1	1	1	1		YES
11	BCA01C00150A0	MM4082272	CASE, gear	1	1	1	1		YES
12	MUG1200001GA0	MM4097181	PLUG, thrust	1	1	1	1		YES
13	MGG0000506GA0	MM4082351	GASKET, gear case	1	1	1	1		YES
14	BCA01C00170A0	MM409230	HOUSING, pump gear bearing	1	1	1	1		YES
15	MGG0700500GA0	MM4092351	GASKET, housing	1	1	1	1		YES

FIG. 102 OIL PAN & GEAR CASE PAGE-5



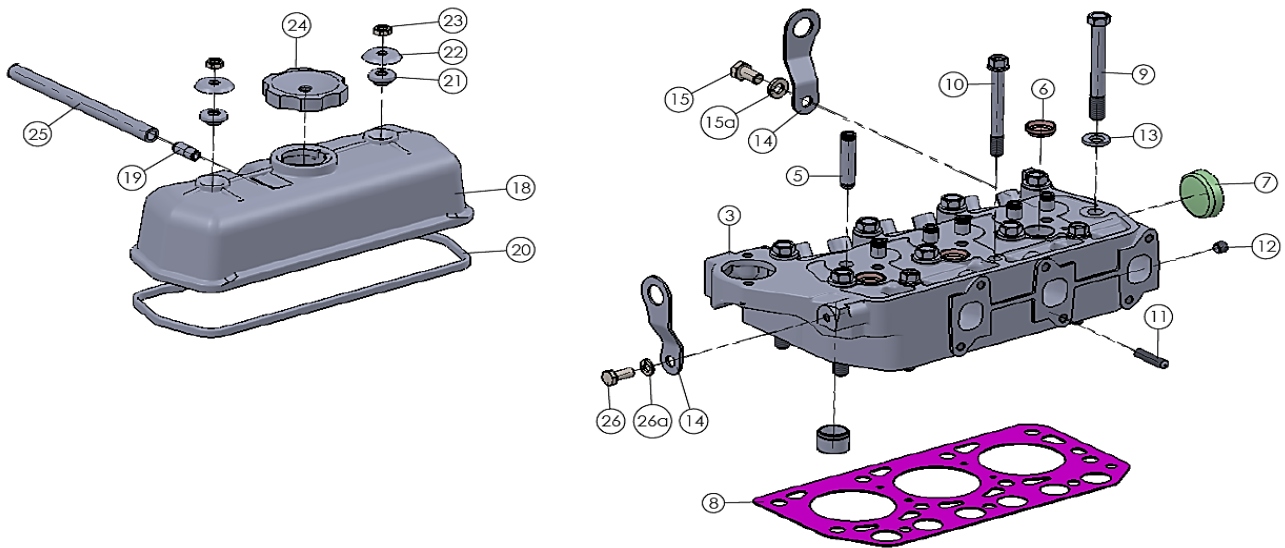
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable	
				180D		224D				
				MS	PS	MS	PS			
17	MGG0521000GA0	MM4012061	GASKET OIL PUMP "C" - BNA - 2250	1	1	1	1	K9413390 ALT	YES	
18	BCA01C00130A0	18010200131	OIL SEAL POLY ACRYLIC	1	1	1	1		YES	
19	MBA0805002BA0	M10008050	BOLT, hex. hd.	8	8	8	8		M8x50	YES
20	MBA0802004BA0	M10008020	BOLT, hex. hd.	2	2	2	2		M8x20	YES
20a	MWL0802003GA0	M30408	WASHER, spring	2	2	2	2		M8	YES
21	MBA0804003BA0	M10008040	BOLT, hex. hd.	1	1	1	1		M8x40	YES
22	MDG0802201GA0	MF402565	STUD	1	1	1	1		M8x22	YES
23	MDG0000004GA0	MS401434	STUD	3	3	3	3	M8x42	YES	
24	MUT0210000GA0	MS661123	PLUG, taper	1	1	1	1	PT 1/2"	YES	

FIG. 103 CYLINDER HEAD PAGE-6



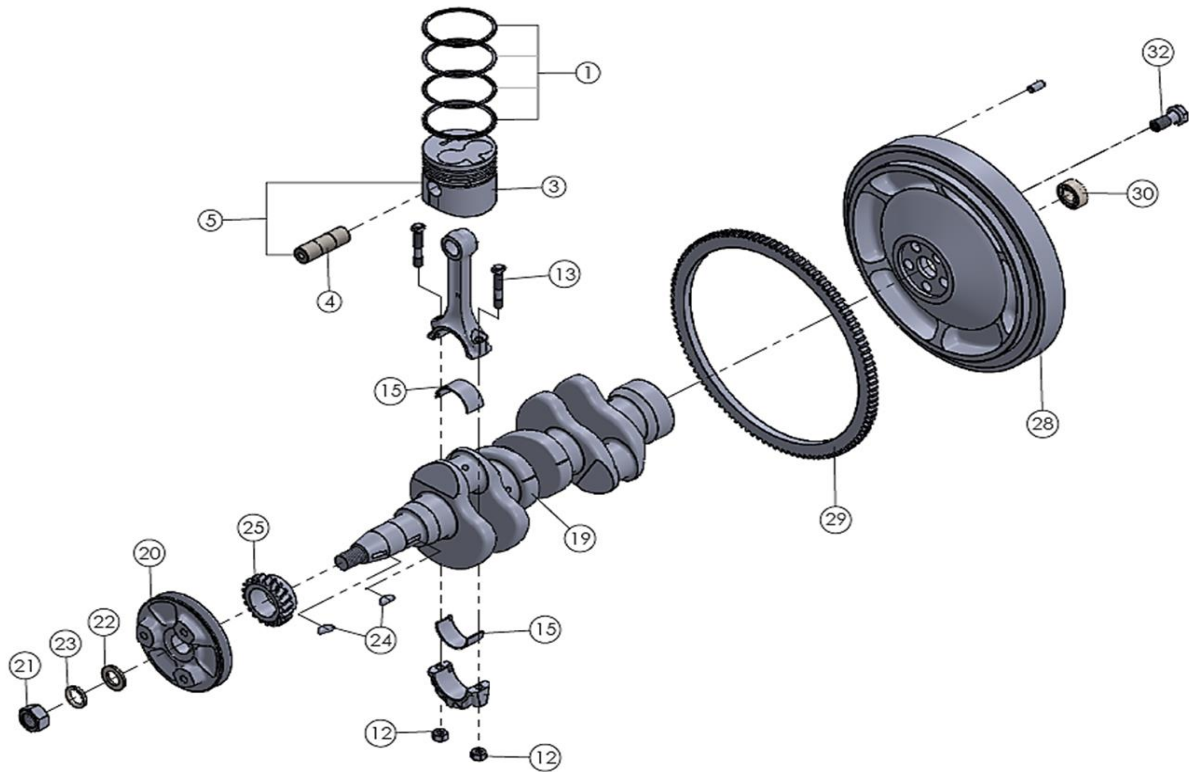
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
2~7			CYLINDER HEAD SUB-ASSY.	1	1	1	1	No Service	NO
3	BCA01C00250A0	MM4349334	CYLINDER HEAD K3C	1	1	1	1	ø25 ø45	YES
5	BCA01C00180A0	18010300530	GUIDE, valve	6	6	6	6		YES
6	MGG2201600BA0	MF665538	CAP, sealing	3	3	3	3		YES
7	MGG4201600BA0	MF665543	CAP, sealing	1	1	1	1		YES
8	MGG0000015GA0	18010300320	Gasket Cylinder head	1	1				YES
8	BEF01C00020A0	22010300320	Gasket Cylinder head			1	1		YES
9	MBA1209800BA0	MM4023711	BOLT, cylinder head	8	8	8	8	M12x98	YES
10	MBG1009000GA0	MM404316	BOLT, cylinder head	3	3	3	3	M10x90	YES
11	MDG0802501GA0	MF401936	STUD	1	1	1	1	M8x25	YES
12	MUT0100001GA0	MS661120	PLUG, taper	1	1	1	1	PT 1/8M8X25	YES
13	MWG1303200GA0	MD0207332	WASHER CYL HEAD BOLT	8	8	8	8		YES
14	BCA01C00230A0	MM4084701	HANGER, engine	2	2	2	2		YES
15	MBA1002003BA0	M10010020	BOLT, hex. Hd.	1	1	1	1	M10X20	YES
15a	MWL1002503GA0	M30410	WASHER, spring	1	1	1	1	M10	YES
17	BCA01A00310A0	MM408491	ROCKER COVER ASSY.	1	1	1	1	No Service	NO
18	BCA01C00240A0	MM408496	COVER, rocker	1	1	1	1		YES
19	BCA01C00200A0	18010300140	ELBOW, air breather	1	1	1	1		YES
20	MGG0000017GA0	MM408501	GASKET, rocker cover	1	1	1	1		YES
21	BCA01C00210A0	MD000523	SEAL, oil	2	2	2	2		YES
22	MWG2402300BA0	MM408509	WASHER	2	2	2	2		YES
23	MNA0806000BA0	M17008	NUT, hex.	2	2	2	2	M8	YES

FIG. 103 CYLINDER HEAD PAGE-7



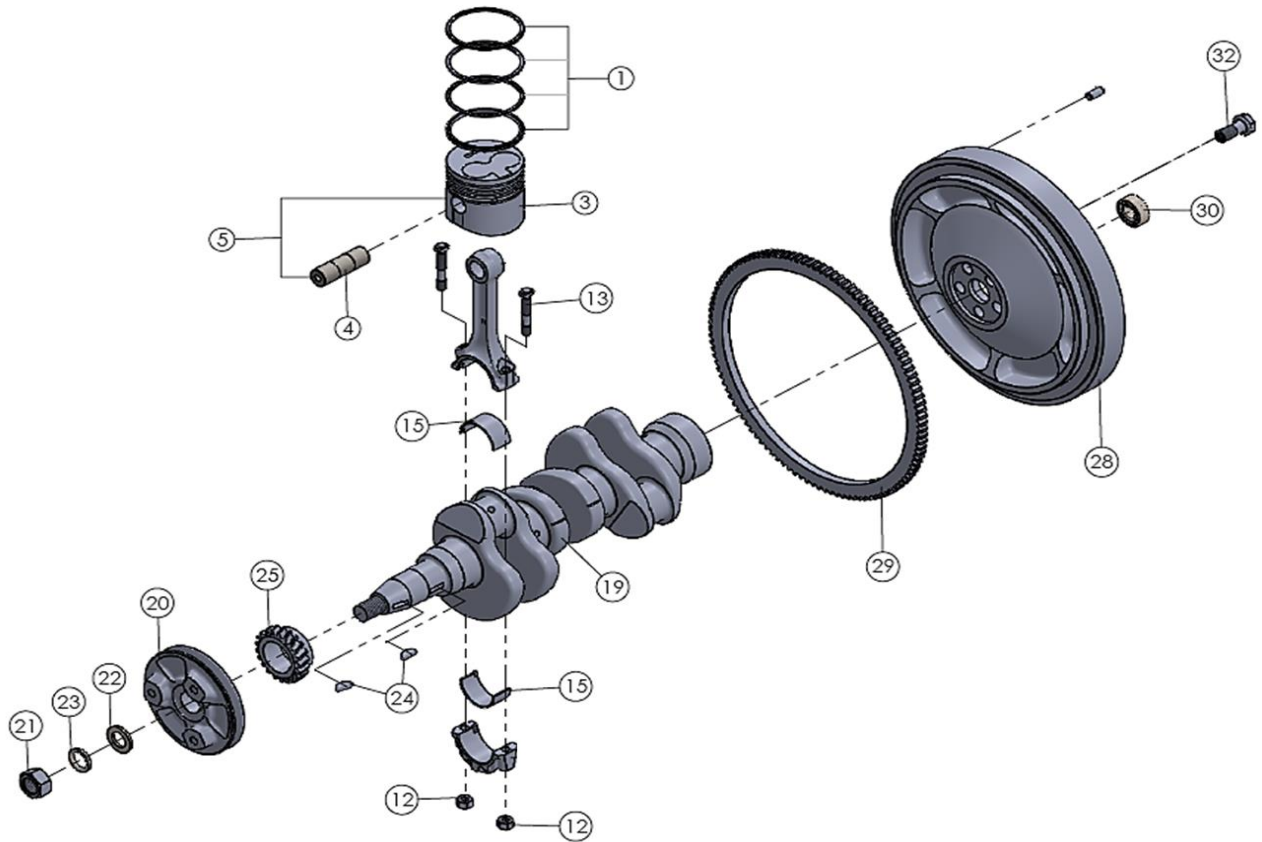
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
24	BCA01C00220A0	MD0087841	CAP, oil filter	1	1	1	1	M8x20 M8	YES
25	BCA01C00810A0		HOSE, air breather	1	1	1	1		YES
26	MBA0802004BA0	M10008020	BOLT, hex. Hd.	1	1	1	1		YES
26a	MWL0802003GA0	M30408	WASHER, spring	1	1	1	1		YES

FIG. 104 MAIN MOVING PARTS PAGE-8



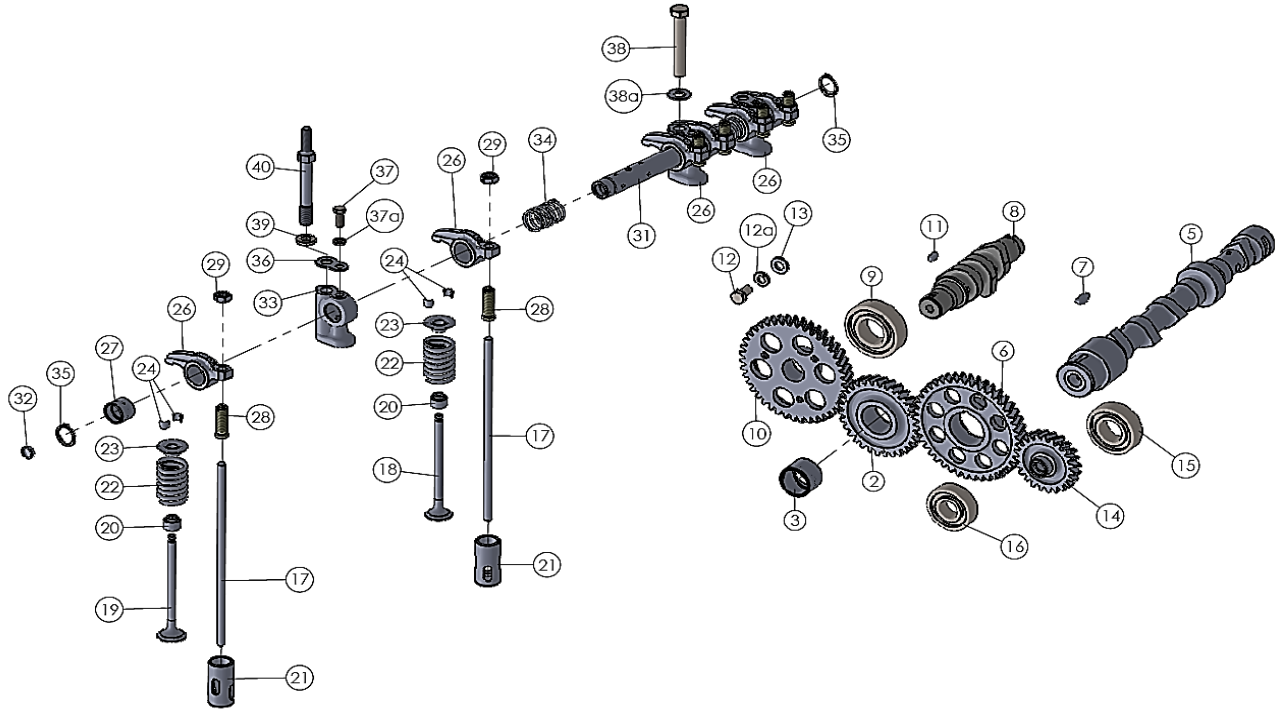
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
1	BCA01C00780A0	180104001X0	RING SET, piston std.	3	3				YES
1	BFA01C00140A0	220104001X0	RING SET, piston std.			3	3		
2	ACA97C00210A0	MM435032X0K0	PISTON ASSY KIT	3	3				
2	BEA97C00000A1	22010400812	PISTON & PIN SET STD			3	3		
9	BCA01A00330A0	MM4087901	CON. ROD ASSY.	3	3	3	3		YES
12	MNA0808000GA0	MD000704	NUT, connecting rod	6	6	6	6		YES
13	MBG0805100GA0	MM402547	BOLT, connecting rod	6	6	6	6		YES
15	MEZ0000000AA0	MM408800X0K0	BEARING, connecting rod	1	1	1	1	STD	YES
15a	ACA97C00440A0	MM408801X0K0	BEARING, connecting rod	1	1	1	1	0.25	YES
15b	ACA97C00460A0	MM408802X0K0	BEARING, connecting rod	1	1	1	1	0.5	YES
15c	ACA97C00360A0	MM408803X0K0	BEARING, connecting rod	1	1	1	1	0.75	YES

FIG. 104 MAIN MOVING PARTS PAGE-9



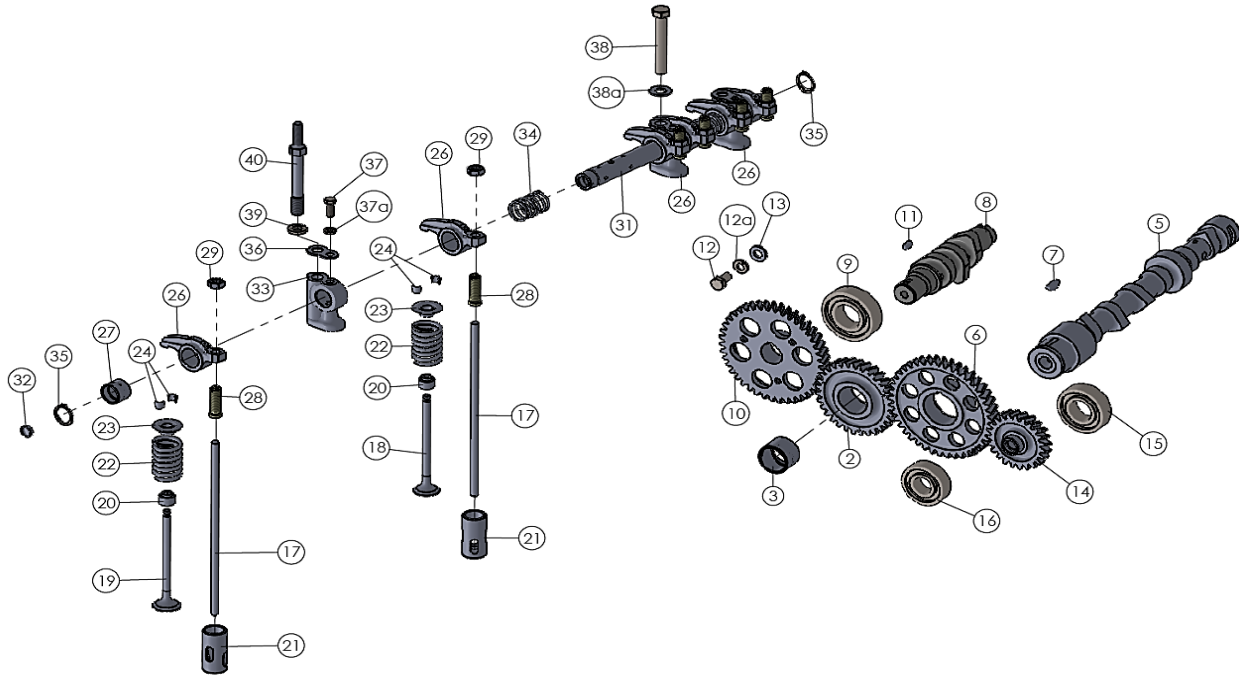
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
19~25			Crank Shaft ASSY						NO
19~25			Crank Shaft ASSY						NO
19	BCA01C00280A0	18010400601	CRANK SHAFT	1	1				YES
19	BEF01A00030A0	22010401300	CRANK SHAFT			1	1		YES
20	BCA01C00350A0	MM4088211	PULLEY, crank shaft	1	1	1	1		YES
21	MNG0000022GA0	MF430126	NUT 18	1	1	1	1		YES
22	MWA1802600BA0	MF450010	WASHER, plain	1	1	1	1	M18	YES
23	MWL1804600GA0	MF450410	WASHER, spring	1	1	1	1	M18	YES
24	MKW1900500GA0	MF476215	KEY, woodruff	1	1	1	1	(5X15)	YES
25	BCA01C00300A0	MM406570	GEAR, crank shaft	1	1	1	1		YES
28~29	BCA01A00350A0	MM408832	FLY WHEEL ASSY.K3C	1	1	1	1		NO
29	BCA01C00290A0	MD000612	RING GEAR	1	1	1	1		YES
30	MEB1509000GA0	MD002613	BALL BEARING 6002 ZZ C3	1	1	1	1		YES
31	MPA0401000GA0	MM409645	Pin, dowel	2	2	2	2		YES
32	MBA1202901GA0	MD9522301	BOLT, drive plate	5	5	5	5		YES

FIG. 105 TIMING PARTS PAGE-10



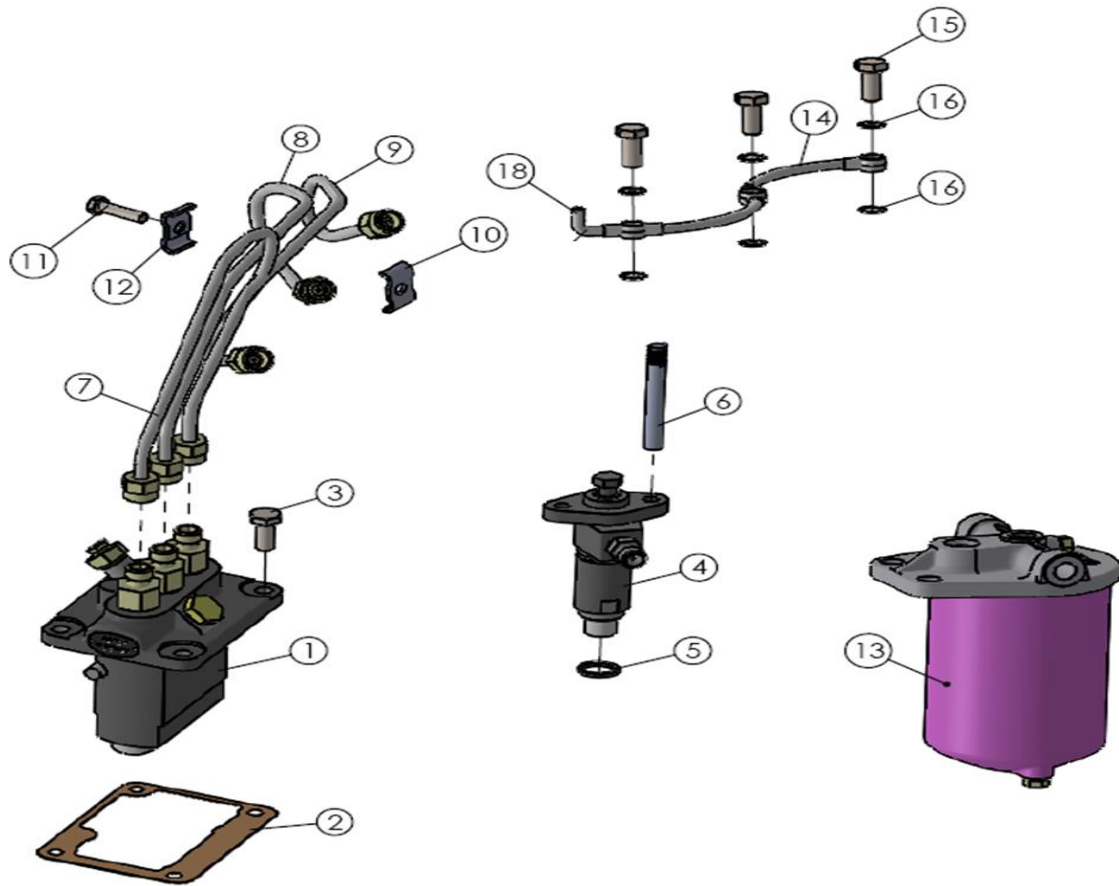
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
2~3	BCA01A00440A0	MM408908	GEAR ASSY, idler	set	set	set	set	(5X15)	YES
4	BCA01A00430A0	MM406705	CAM SHAFT ASSY.	set	set	set	set		YES
5	BCA01C00700A0	MM4346153	CAM SHAFT	1	1	1	1		YES
6	BCA01C00630A0	MM4067221	GEAR, cam shaft	1	1	1	1		YES
7	MKW1900500GA0	MF476215	KEY WOODRUFF	1	1	1	1		YES
8	BCA01C00690A0	MM4089641	CAM SHAFT, F.I.P	1	1	1	1		YES
9	MEG2816000GA0	MD703856	BEARING, radial ball	1	1	1	1		YES
10	BCA01C00620A0	MM4066851	GEAR, F.I.P	1	1	1	1	YES	
11	MKA0512000GA0	MF476018	KEY, sunk	1	1	1	1	M8X16 M8	YES
12	MBA0801602BA0	M10008016	BOLT, hex. Hd.	1	1	1	1		YES
12a	MWL0802003GA0	M30408	WASHER, spring	1	1	1	1		YES
13	MWG2604000GA0	MD0004251	WASHER	1	1	1	1	A932502C	YES
14	BCA01C00640A0	MM4072651	GEAR, oil pump	1	1	1	1		YES
15	MEG2515000GA0	10070626000	BEARING, ball	1	1	1	1		YES
16	MEG0000011GA0	14401203000	BALL BEARING 6204	1	1	1	1		YES
17	BCA01C00680A0	MM408920	ROD, push	6	6	6	6		YES
18 & 19	BEF97C00000A0	180105007X0K0	VALVE, kit	1	1	1	1	YES	
20	BCA01C00560A0	MD016490	SEAL, valve stem	6	6	6	6	YES	
21	BCA01C00590A0	MM4027371	TAPPET	6	6	6	6	YES	
22	BCA01C00580A0	MM402381	SPRING, valve	6	6	6	6	YES	
23	BCA01C00520A0	MD0164821	RETAINER, valve spring	6	6	6	6	YES	
24	BCA01C00530A0	MD016483	LOCK, valve spring	12	12	12	12	YES	

FIG. 105 TIMING PARTS PAGE-11



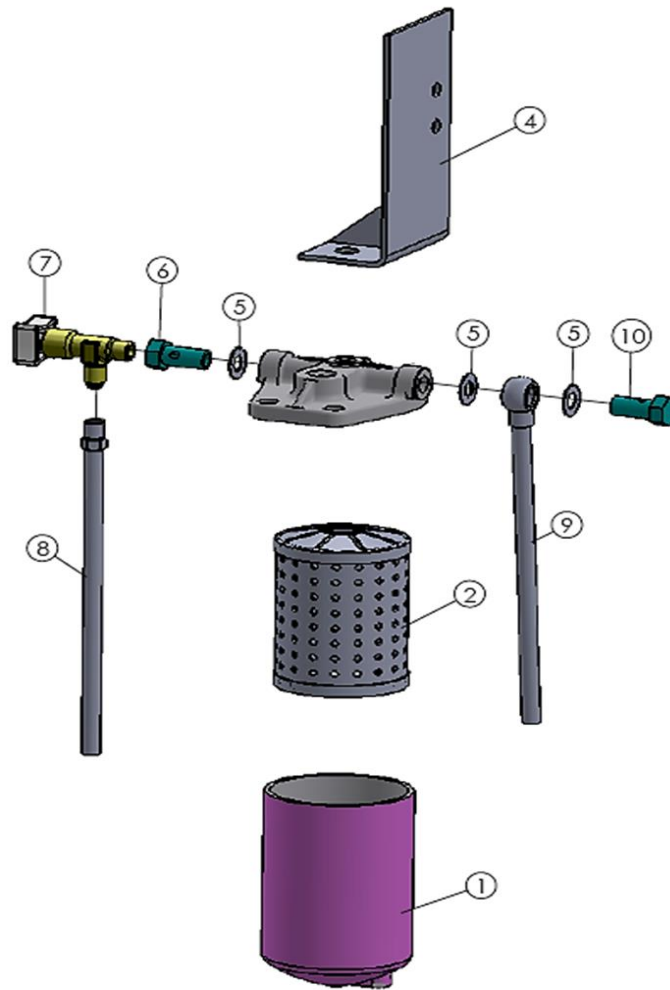
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
25~31, 34~37	BCA01A00460A0	MM408933	ROCKER ARM & STAY ASSY.	set	set	set	set		No
26~27	BCA01A00390A0	18010500340	ROCKER ARM ASSY.	6	6	6	6		YES
28	MSG0000022GA0	V5010301640	SCREW, adjusting	6	6	6	6		YES
29	MND1006000GA0	MF4307261	NUT, jam	6	6	6	6		YES
31	BCA01C00480A0	18010500220	SHAFT ROCKER ARM	1	1	1	1		YES
32	BCA01C00570A0	MD0212041	CAP, sealing	2	2	2	2		YES
33	BCA01C00470A0	18010500130	STAY ROCKER	3	3	3	3		YES
34	BCA01C00510A0	MD000963	SPRING LH, rocker shaft	2	2	2	2		YES
35	MLS1901200GA0	MF522010	RING, snap	2	2	2	2	Ø19	YES
36	MWN1101600BA0	MM4067451	WASHER, seal	2	2	2	2		YES
37	MBA0601601BA0	M10006016	BOLT, hex. Hd.	2	2	2	2	M6X16	YES
37a	MWL0601502BA0	M30406	WASHER, spring	2	2	2	2	M6	YES
38	MBA1007000BA0	M10010070	BOLT, hex. Hd.	1	1	1	1	M10X70	YES
38a	MWA1101600BA0	M30010	WASHER, plain	1	1	1	1	M10	YES
39	MWL1002503GA0	M30410	WASHER, spring	3	3	3	3	M10	YES
40	MBA1010800GA0	MM408950	BOLT ROCKERSHAFT STAY	2	2	2	2		YES

FIG. 106 FUEL SUPPLY PARTS



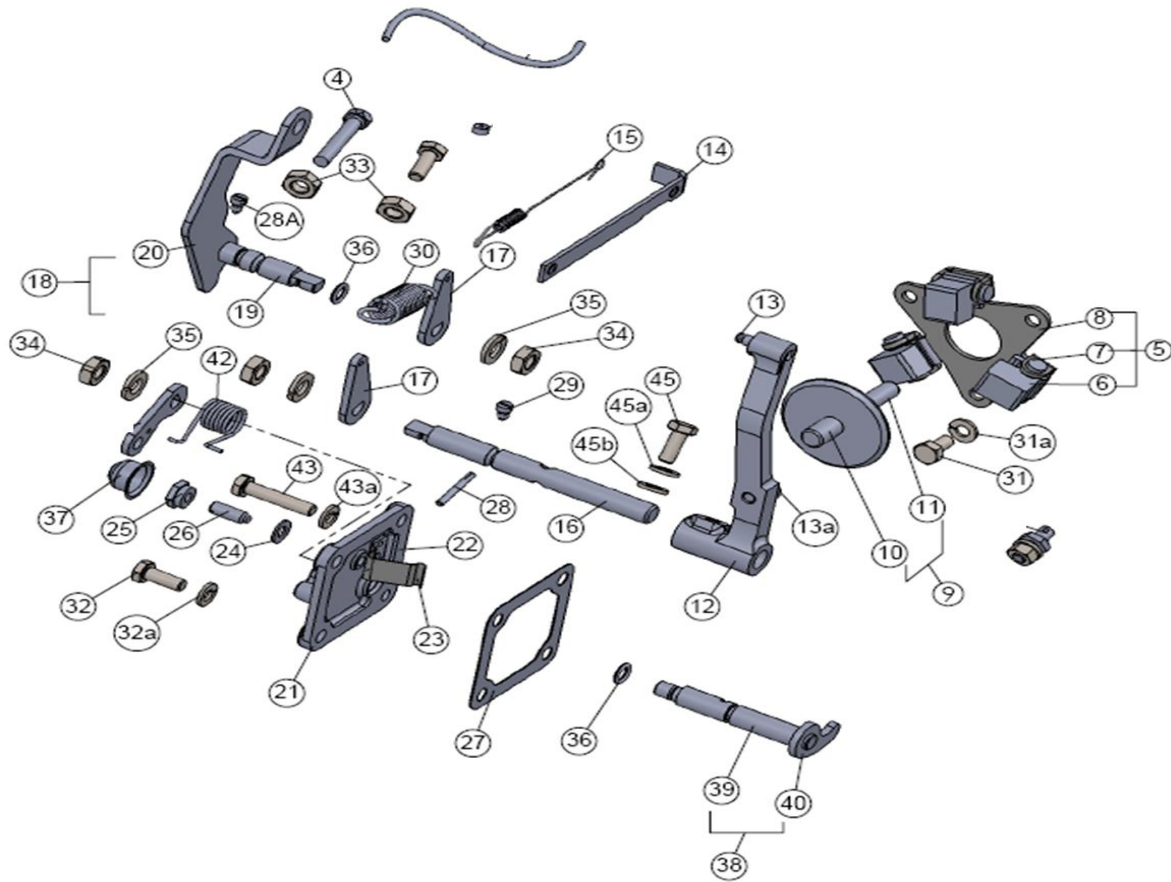
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
1	BCA06A00080A0	MM413227	FUEL INJ. PUMP ASSY.	1	1	1	1		YES
2a	MG50000023GA0	MM4090401	SHIM SET, adjusting	AR	AR	AR	AR	t=0.2	YES
2b	MG50000024GA0	MM4090411	SHIM SET, adjusting	AR	AR	AR	AR	t=0.3	YES
2c	MG500000402GA0	MM409042	SHIM SET, adjusting	AR	AR	AR	AR	t=0.4	YES
3	MBA0802004BA0	M10008020	BOLT, hex. Head	4	4	4	4	M8X20	YES
4	BCA06A00040A0	18010800230	NOZZLE & NOZZLE HOLDR ASSY.	3	3	3	3		YES
5	MGG0000007GA0	24301050100	GASKET	3	3	3	3		NO
6	MDB0807000BA0	18001500143	STUD	6	6	6	6		YES
7	BCA06A00050A0	MM4090942	Pipe Assy Fuel Injection No 1	1	1	1	1		YES
8	BCA06A00060A0	MM4090952	Pipe Assy Fuel Injection No 2	1	1	1	1		YES
9	BCA06A00070A0	MM4090962	Pipe Assy Fuel Injection No 3	1	1	1	1		YES
10	MGC0602001BA0	MM430614	CLAMP (B)	2	2	2	2		YES
11	MBA0602500BA0	M10006025	BOLT, hex. Head	2	2	2	2	M6X25	YES
11a	MWL0601502BA0	M30406	WASHER, spring	2	2	2	2	M6	YES
11b	MWA0701000BA0	M30006	WASHER, plain	2	2	2	2	M6	YES
12	MGC0602000GA0	MM430703	CLAMP (A)	2	2	2	2		YES
13	BFA06A00060A0	EC010900930	FUEL FILTER ASSY.	1	1	1	1		YES
14	BCA06A00030A0	18010601231	LEAK OFF PIPE ASSY.	1	1	1	1		YES
15	MBA1404200GA0	10072474001	BANJO	3	3	3	3		YES
16	MWG1501000GA0	V0010600440	WASHER	6	6	6	6		YES
18	BCA06C00580A0	V1010101641	PIPE, over flow	1	1	1	1		YES

FIG. 109 FUEL FILTER



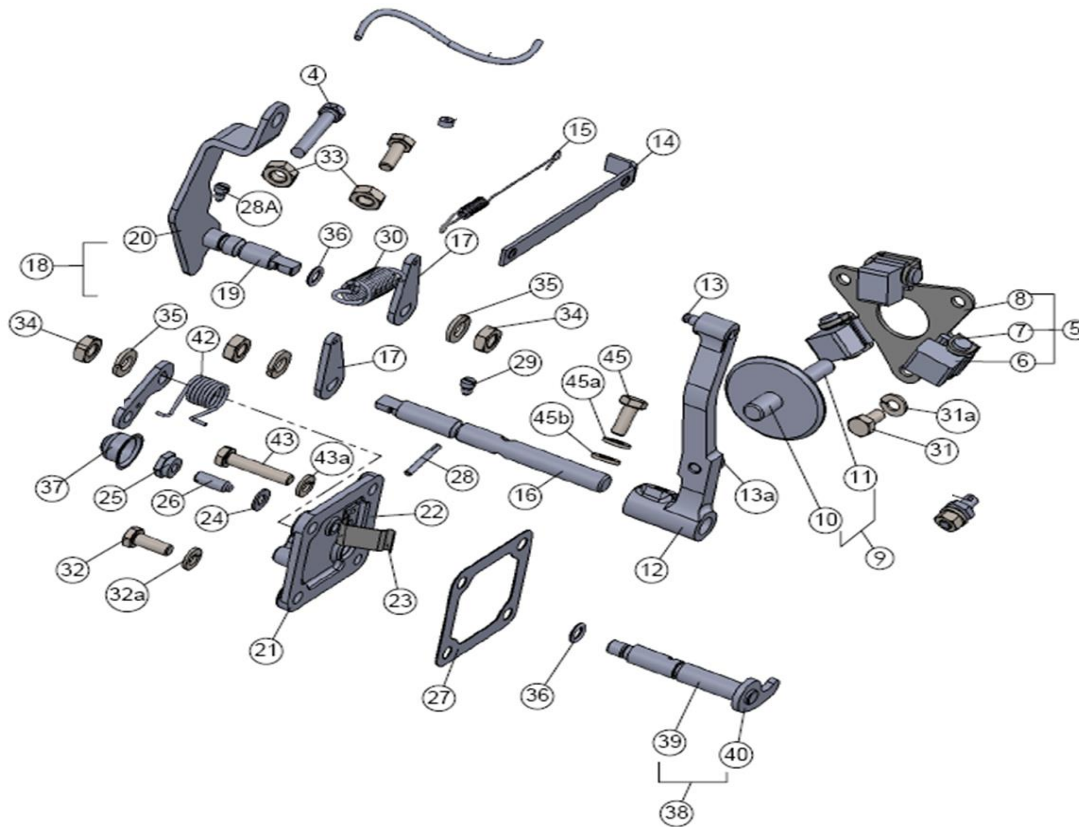
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
1~3	BFA06A00060A0	EC010900930	FUEL FILTER ASSY.	1	1	1	1	MM408996	YES
2	BCA06C00060A0	180109010X1	FILTER, micro	1	1	1	1		YES
4	BCA06C00050A0	270109008X1	BRACKET, filter	1	1	1	1		YES
5	MWG1501000GA0	V0010600440	COPPER WASHER	3	3	3	3		YES
6	BCA06C00370A0	V0010600642	ADAPTOR ASSY	1	1	1	1		YES
7	BCA06C00360A0	V0010600332	FUEL COCK ASSY	1	1	1	1		YES
8	BFB06C00010A0	27010602540	HOSE FUEL, inlet	1	1	1	1		YES
9	BCA06C00000A0	EC010600231	HOSE FUEL, delivery	1	1	1	1		YES
10	AFA01C00580A0	27010900440	BANJO	1	1	1	1		YES

FIG. 110 GOVERNOR PARTS PAGE-18



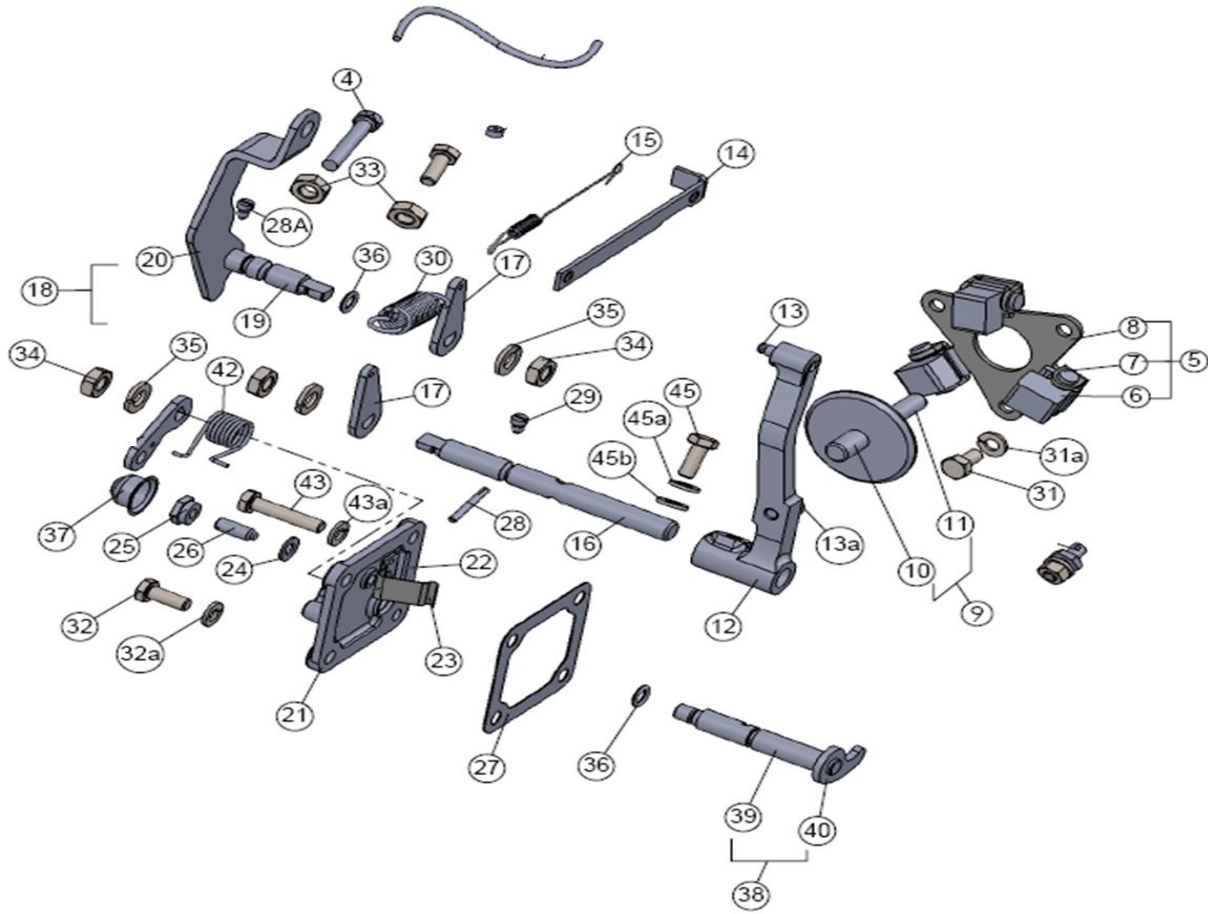
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
4	MBA0603500BA0	MM401080	BOLT, high speed set	1	1	1	1		YES
6	BCA07A00010A0	MM407006	WEIGHT GOVERNOR	3	3	3	3		NO
9~11	BCA07A00020A0	MM407010	SHAFT ASSY. Sliding	1	1	1	1		YES
12~13a	BCA07A00030A0	MM407028	LEVER ASSY GOVERNOR	1	1	1	1		YES
14	BFA07C00010A0	MM409181	ROD, tie	1	1	1	1		YES
15	BFA07C00020A0	MM409182	SPRING, tie rod	1	1	1	1		YES
16	BCA07C00070A0	MM407031	SHAFT, governor	1	1	1	1		YES
17	BCA07C00080A0	MM4070351	LEVER, governor spring	2	2	2	2		YES
18~20	BCA07A00040A0	MM409237	LEVER ASSY, speed control	1	1	1	1		YES
21~26	BCA07A00050A0	MM409640	COVER ASSY. tie rod	1	1	1	1		YES

FIG. 110 GOVERNOR PARTS PAGE-19



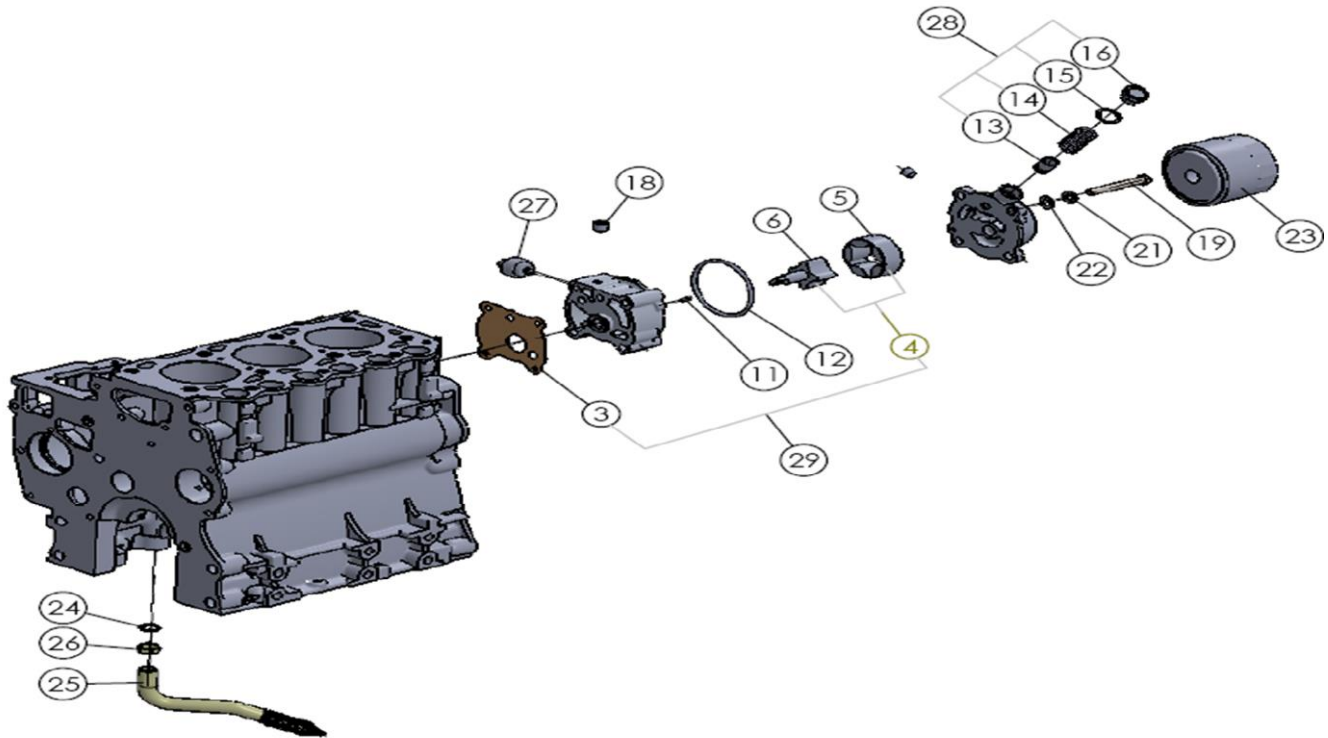
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
24	MGG0601000GA0	MF660031	GASKET	1	1	1	1	(3X24) Grub Screw	YES
25	MNG0000023GA0	MM409168	NUT, special	1	1	1	1		YES
26	MSG0601403BA0	MM409167	SCREW, adjusting	1	1	1	1		YES
27	MGG0000508GA0	MM4091511	GASKET TIE ROD COVER - BNA-2325	1	1	1	1		YES
28	MPG0000023GA0	K8712630	PIN, grooved	1	1	1	1		YES
28a	MSG0400600BA0	18000300140	GRUB SCREW	1	1	1	1	M6X10 M6 M6X16 M6 M8 M8 M8	YES
29	MSG0400800BA0	18000300240	SCREW, governor shaft	1	1	1	1		YES
30	BCA07C00150A0	MM409186	SPRING, governor	1	1	1	1		YES
31	MBA0601001BA0	M10006010	SCREW, hex. hd.	3	3	3	3		YES
31a	MWL0601502BA0	M30406	WASHER, spring	3	3	3	3		YES
32	MBA0601601BA0	M10006016	BOLT, hex. hd.	3	3	3	3	M6 M6 M8 M8 M8	YES
32a	MWL0601502BA0	M30406	WASHER, spring	3	3	3	3		YES
33	MNA0806000BA0	M17008	NUT	2	2	2	2		YES
34	MNA0805001GA0	MF430725	NUT, jam m8	1	1	1	1		YES
35	MWL0802003GA0	M30408	WASHER, spring	1	1	1	1		YES
36	MRA0071900GA0	8300100070	O-RING	2	2	2	2		YES

FIG. 110 GOVERNOR PARTS PAGE-20



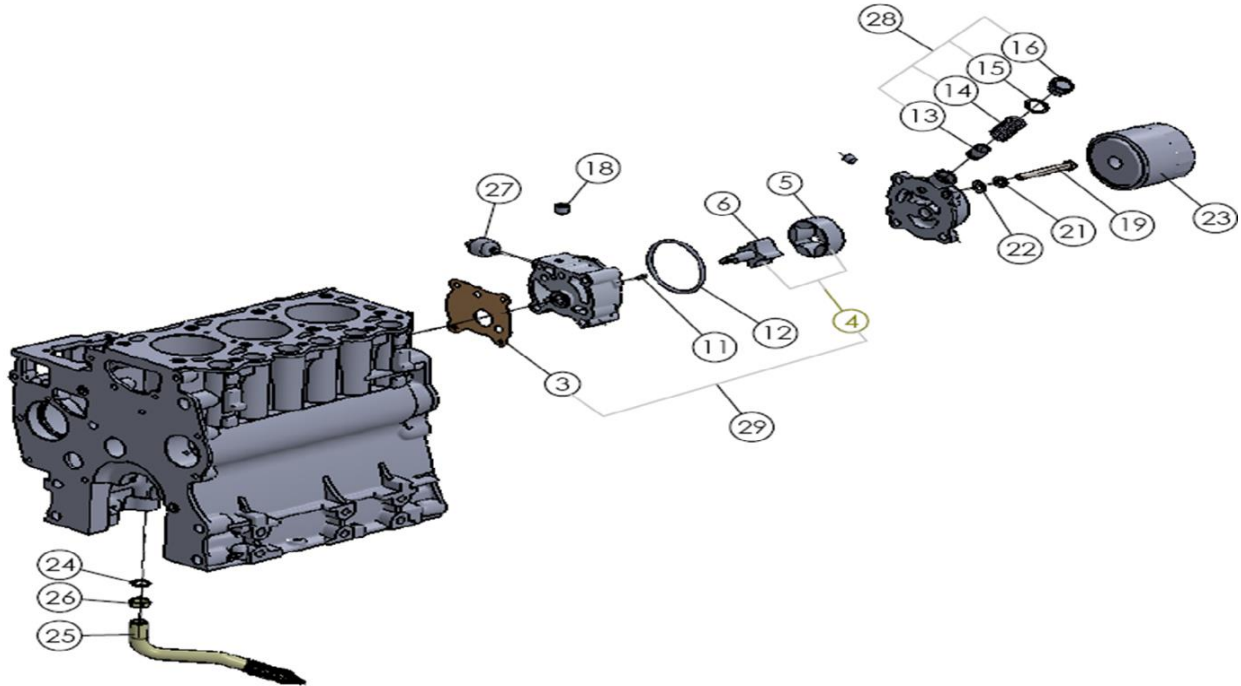
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
37	BCA07C00120A0	MM409169	CAP, sealing	1	1	1	1	M6X30 M6	YES
38	BCA07A00070A0	MM413360	LEVER ASSY, stop	1	1	1	1		YES
42	BCA07C00220A0	MM413362	SPRING, return	1	1	1	1		YES
43	MBA0603003BA0	M10006030	BOLT, hex. hd.	1	1	1	1		YES
43a	MWL0601502BA0	M30406	WASHER, spring	1	1	1	1		YES
44	MBG0000022GA0		BOLT, low idle set	1	1	1	1	M6X16 M6 M6	
45	MBA0601601BA0	M10006016	BOLT, hex. hd.	1	1	1	1		YES
45a	MWL0601502BA0	M30406	WASHER, spring	1	1	1	1		YES
45b	MWA0701000BA0	M30006	WASHER, plain	1	1	1	1	M6	YES
46	BCA07A00060A0	MM40966901	SOLENOID ASSY	1	1	1	1		YES
51	BHA07A00020A0	18011000540	STOPPER ASSY	1	1	1	1	Absolute	YES

FIG. 111 LUBRICATING PARTS PAGE-21



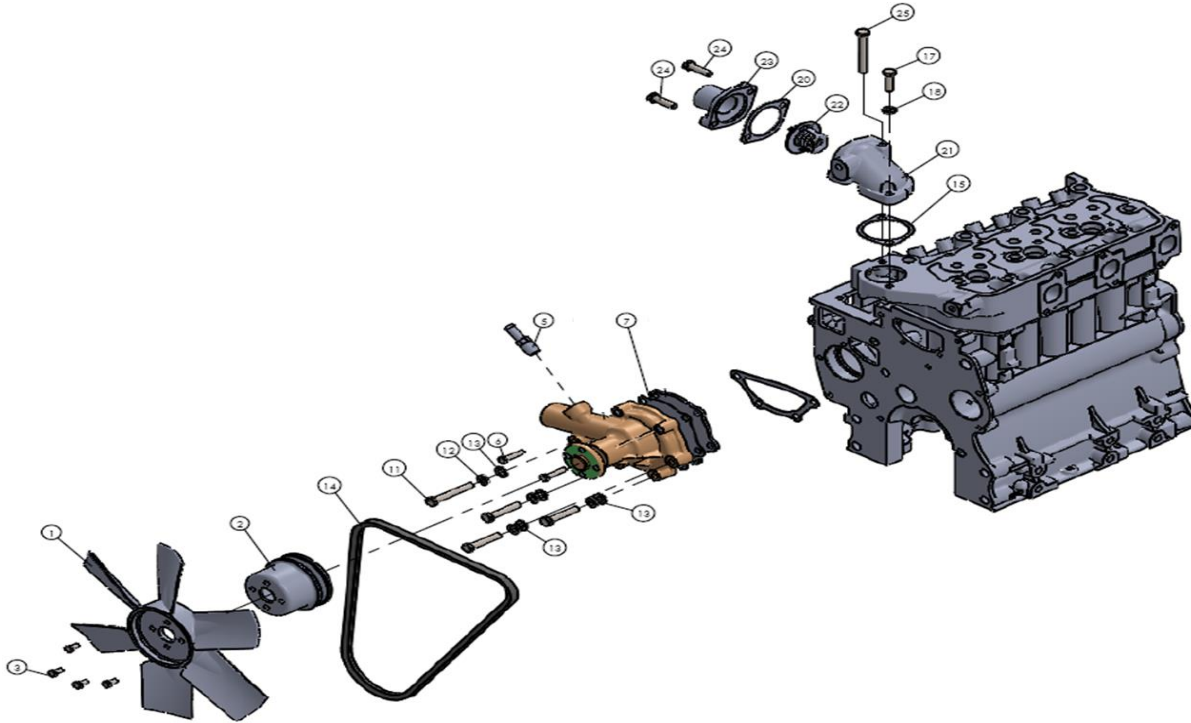
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
1	BCA01A00270A0	MM4093701	OIL PUMP ASSY.	set	set	set	set		YES
3	MGG0000502GA0	MM4071241	GASKET, oil pump	1	1	1	1		YES
12	MRA0733100GA0	MM407145	O-RING	1	1	1	1		YES
15	MGG1801002GA0	MD000312	GASKET	1	1	1	1		YES

FIG. 111 LUBRICATING PARTS PAGE-22



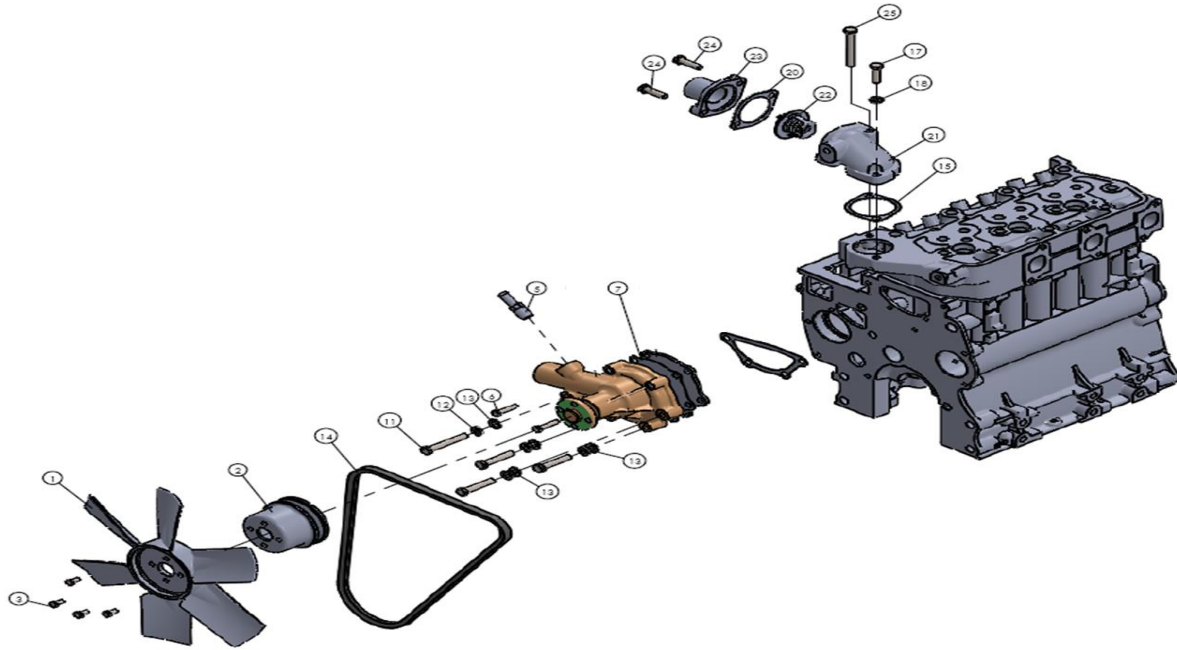
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
19	MBA0806500BA0	M10008065	BOLT	4	4	4	4	M8X65	YES
21	MWL0802003GA0	M30408	WASHER, spring	4	4	4	4		YES
22	MWA0801602GA0	M30008	WASHER, plain	4	4	4	4	M8	YES
23	BCA01A00410A0	MM409365	FILTER ASSY OIL	1	1	1	1	M8	YES
24	MGG1601000GA0	MF660036	GASKET 16	1	1	1	1		YES
25	BCA01A00450A0	MM4301753	OIL SCREEN.	1	1	1	1		YES
26	MNA1610000BA0	18011100440	SPECIAL, nut	1	1	1	1		YES
27	BCA01C00360A0	MM130066	OIL PRESSURE SWITCH	1	1	1	1		YES

FIG. 112 COOLING PARTS PAGE-23



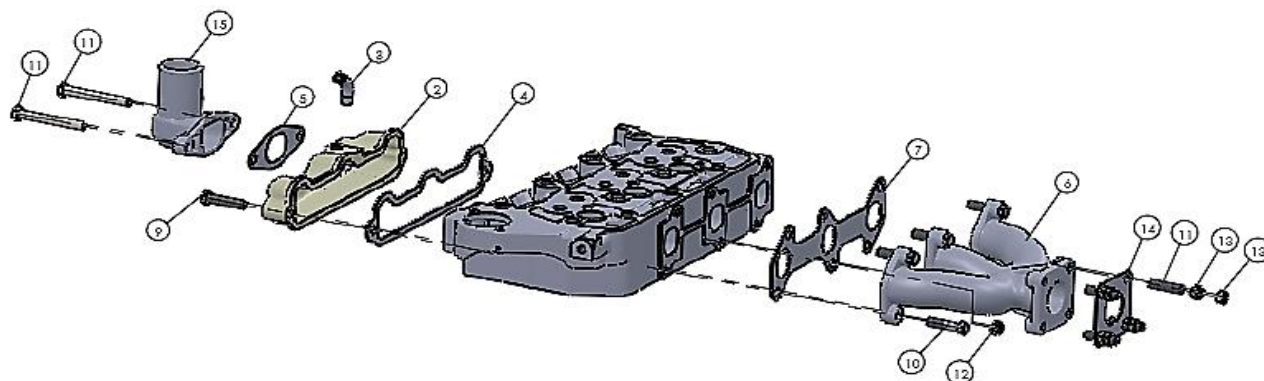
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
1	BCA03C00430A0	18011200221	PLASTIC FAN COOLING	1	1	1	1	M6X12 M6	YES
2	BCA03C00400A0	18011201230	PULLEY, water pump	1	1	1	1		YES
3	MBA0602001BA0	M10006020	BOLT, hex. hd.	4	4	4	4		YES
3a	MWL0601502BA0	M30406	WASHER, spring	4	4	4	4		YES
5~8	BCA03A00010A0	MM409301	WATER PUMP ASSY.	1	1	1	1	M6X30 M6	YES
5	BCA03C00390A0	18011201140	JOINT, water pump(Export)	1	1	1	1		NO
6	MBA0603003BA0	M10006030	BOLT, hex. hd.	2	2	2	2		NO
6a	MWL0601502BA0	M30406	WASHER, spring	2	2	2	2		NO
7	MGG0000503GA0	MM4074221	GASKET, water pump	1	1	1	1	M8X45 M8X65 M8	YES
8	BCA03C00010A0		PLATE, water pump	1	1	1	1		
10	MBA0804504BA0	M10008045	BOLT, hex. hd.	3	3	3	3		YES
11	MBA0806500BA0	M10008065	BOLT, spring	1	1	1	1		YES
12	MWL0802003GA0	M30408	WASHER, spring	4	4	4	4	HML=932	YES
13	MWA0801602GA0	M30008	WASHER, plain	4	4	4	4		YES
14	BCA03C00440A0	MD007528	V-Belt	1	1	1	1		YES
15	MGG0000009GA0	MD000551	GASKET	1	1	1	1		YES
16	JTA04C00020A0	MD0087711	JOINT WATER OUTLET	1	1	1	1	M8X30 M8 M8	YES
17	MBA0803002BA0	M10008030	BOLT, outlet fitting	2	2	2	2		YES
18	MWL0802003GA0	M30408	WASHER, spring	2	2	2	2		YES
19	MWA0801602GA0	M30008	WASHER, plain	2	2	2	2		YES
20	MGG0000009GA0	18011200440	GASKET	2	2	2	2		YES
21	BCA03C00360A0	18011200520	FITTING,thermostat	1	1	1	1		YES
22	BCA03C00350A0	18011200320	THERMOSTAT	1	1	1	1		YES
23	BCA03C00370A0	18011200621	FITTING,water outlet	1	1	1	1		YES
24	MBA0803002BA0	M10008030	BOLT,Hex. Hd	2	2	2	2	M8x30	YES

FIG. 112 COOLING PARTS PAGE-24



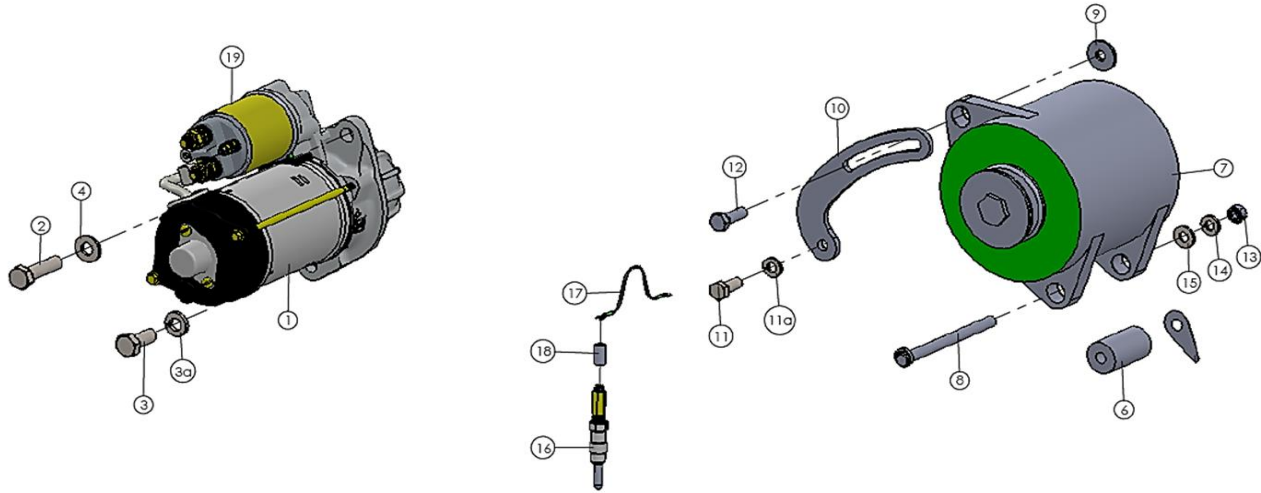
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
24a	MWL0802003GA0	M30408	WASHER, spring	2	2				YES
24b	MWA0801602GA0	M30008	WASHER, plain	2	2				YES
25	MBA0807001BA0	M10008070	BOLT, hex. Hd.	1	1				YES
25a	MWL0802003GA0	M30408	WASHER, spring	1	1				YES
26	MBA0808000GA0	MF101271	BOLT, outlet fitting	2	2				YES
27	MWL0802003GA0	M30408	WASHER, spring	2	2				YES
28	BCA03C00380A0	18011200840	JOINT, water hose	1	1				YES
29	BCA34C00400A0	181003010X0	SWITCH THERMO	1	1				YES
30		18011200920	HOSE ASSY. By pass	1	1				YES
31		MS660164	CLIP, hose	2	2				YES
32		MM413741	HOSE ASSY. water drain	1	1				YES
33	MGC0000001GA0	6730302313	CLIP, hose	1	1				YES
34	MBA0808000GA0	MF101271	BOLT, water outlet	1	1				YES

FIG. 113 INTAKE & EXHAUST PARTS



Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
2	BCA04C00020A0	MM408546	COVER, intake	1	1	1	1	M8X40 M8 M8 M8X35 M8 M8X25 M8 M8	YES
3	BCA01C00200A0	18010300140	ELBOW, air breather	1	1	1	1		YES
4	MGG0001600GA0	MM4085511	GASKET INTAKE MANIFOLD - NI2095A	1	1	1	1		YES
5	MGG0000507GA0	MM408566	GASKET, pipe inlet	1	1	1	1		YES
6	BCA04C00320A0	180113003X0	MANIFOLD, exhaust	1	1	1	1		YES
7	MGG0001401GA0	MM4085761	GASKET EXHAUST MANIFOLD - NI2095	1	1	1	1		YES
9	MBA0804003BA0	M10008040	BOLT, hex. hd.	1	1	1	1		YES
9a	MWL0802003GA0	M30408	WASHER, spring	1	1	1	1		YES
9b	MWA0801602GA0	M30008	WASHER, plain	1	1	1	1		YES
10	MBA0803502BA0	M10008035	BOLT, hex. hd.	5	5	5	5		YES
10a	MWL0802003GA0	M30408	WASHER, spring	5	5	5	5		YES
11	MDG0802501GA0	MF401936	STUD	4	4	4	4		YES
12	MNA0806000BA0	M17008	NUT	1	1	1	1		YES
13	MNA0806500GA0	MD0005692	NUT, manifold	8	8	8	8		YES
14	MGG0351200GA0	MM4085801	GASKET - NI2095A	1	1	1	1		YES
15	BCA04C00190A0	27011300641	PIPE, inlet	1	1	1	1	YES	

FIG. 114 ELECTRICAL EQUIPMENT PAGE-26



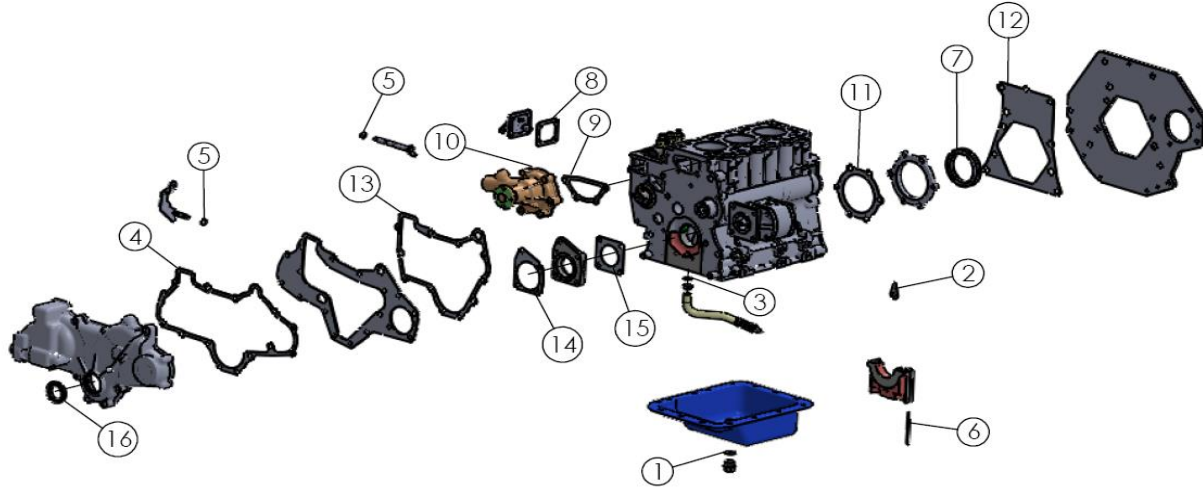
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
1	BCA34A00050A0	18011500110	STARTER MOTOR ASSY (AUTOLEK)	1	1	1	1	AUTOLEK	YES
1a	BFH34A00070A0	180115A07X0	BUSH GEAR ASSY	1	1	1	1		YES
2	MBA1004002BA0	M10010040	BOLT, hex. hd.	1	1	1	1	M10X40	YES
3	MBA1002502BA0	M10010025	BOLT, hex. hd.	1	1	1	1	M10X25	YES
3a	MWL1002503GA0	M30410	WASHER, spring	1	1	1	1	M10	YES
4	MWL1002503GA0	M30410	WASHER, spring	1	1	1	1	M10	YES
6	BCA34C00030A0	MM409328	SPACER	1	1	1	1		YES
7	BCA34P00000A0	MD0176451	ALTERNATOR W TERMINAL	1	1	1	1	(12V-35A):M	YES
8	MBG0000021GA0	MD0176251	BOLT, hex. hd.	1	1	1	1	M8X85	YES
9	MWG0902001BA0	MD001521	WASHER	1	1	1	1		YES
10	BCA34C00020A0	18011600140	BRACE, generator	1	1	1	1		YES
11	MBA0801602BA0	M10008016	BOLT, hex. hd.	1	1	1	1	M8X16	YES
11a	MWL0802003GA0	M30408	WASHER, spring	1	1	1	1	M8	YES
12	MBA0802504BA0	M10008025	BOLT, hex. hd.	1	1	1	1	M8X25	YES
13	MNA0806000BA0	M17008	NUT	1	1	1	1	M8	YES
14	MWL0802003GA0	M30408	WASHER, spring	1	1	1	1	M8	YES
15	MWA0801602GA0	M30008	WASHER, plain	1	1	1	1	M8	YES
16	BCA34C00460A0	180114006X0	GLOW PLUG	3	3	3	3		YES
17	BCA34C00480A0	MM4095115	WIRE, glow plug lead	2	2	2	2		YES
18	BFA34C00050A0	18011400241	ADAPTOR, glow plug	3	3	3	3		YES

This exploded view diagram illustrates the assembly of a 4-cylinder engine. The components are numbered as follows:

- 1:** Piston and connecting rod assembly.
- 2:** Main bearing cap.
- 3:** Main bearing pin.
- 4:** Piston pin.
- 5:** Oil pan.
- 6:** Oil pan gasket.
- 7:** Oil pan bolt.
- 8:** Piston ring.
- 9:** Piston pin bush.
- 10:** Main bearing cap gasket.
- 11:** Main bearing cap gasket.
- 12:** Main bearing cap gasket.
- 13:** Main bearing cap gasket.
- 14:** Piston pin bush.

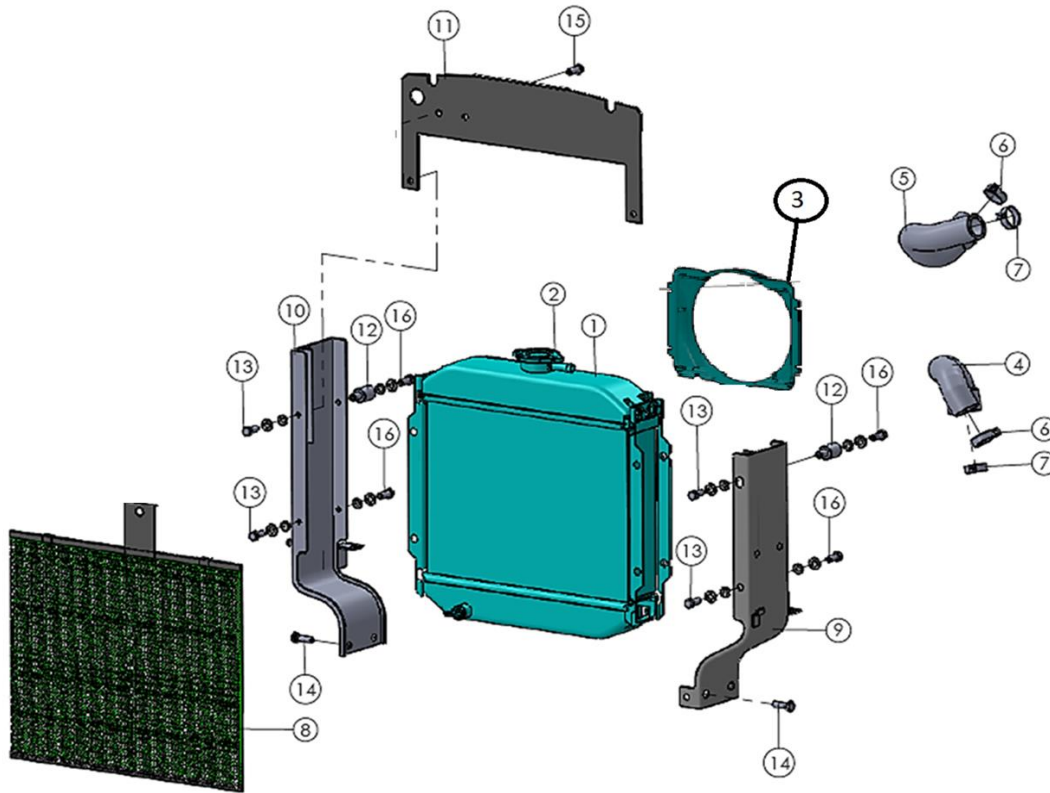
23

FIG. 118 REPAIR GASKET KIT (2/2)



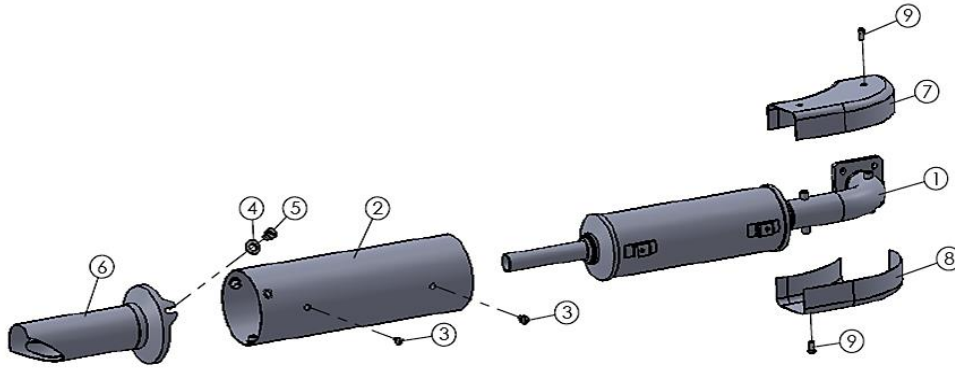
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
1~14		180118001X0	GASKET KIT 18 HP [FOR 22 HP YOU	SET	SET	SET	SET		YES

FIG. 201 RADIATOR



Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
1~2	JEB03A00000A0	IB0201001X0	RADIATOR	1	1	1	1	Ø50 Ø45	YES
2	BCA03C00040A0	6940100812	CAP	1	1	1	1		YES
3	BCA03C00130A0	18020100910	SHROUD FAN	1	1	1	1		YES
	BCA06C00580A0	V1010101641	PIPE OVER FLOW	1	1	1	1		YES
4	BCA03C00150A0	19740013002	HOSE, inlet	1	1	1	1		YES
5	BCA03C00060A0	10070014011	HOSE, outlet	1	1	1	1		YES
6	MGC5001600GA0	501100500	CLAMP, hose	2	2	2	2		YES
7	MGC4501600GA0	501100450	Band, hose	2	2	2	2		YES
8	JEB03C00010A0	180201007X0	Net Radiator Painted 27 HP	1	1	1	1		YES
9	JEB03C00040A0	180201005X0	BRACKET LH, radiator painted	1	1	1	1		YES
10	JEB03C00060A0	180201006X0	BRACKET RH, radiator painted	1	1	1	1		YES
11	JEB03C00030A0	EC0201001X0	PLATE RADIATOR PAINTED	1	1	1	1		YES
12	BCA03C00140A0	18020101140	INSULATOR RADIATOR	4	4	4	4	Absolute	YES
13	MBA0802004BA0	M10008020	BOLT, hex. hd	4	4	4	4	M8X25	YES
14	MBA0802504BA0	M10008025	BOLT, hex. hd	4	4	4	4	M8X25	YES
15	MBA0602001BA0	M10006020	BOLT HEX HEAD	2	2	2	2		YES
15a	MWL0601502BA0	M30406	Washer Spring	2	2	2	2		YES
15b	MWA0701000BA0	M30006	Washer plain	2	2	2	2		YES
16	MBA0802504BA0	M10008025	BOLT, hex. hd	4	4	4	4	M8X25	YES

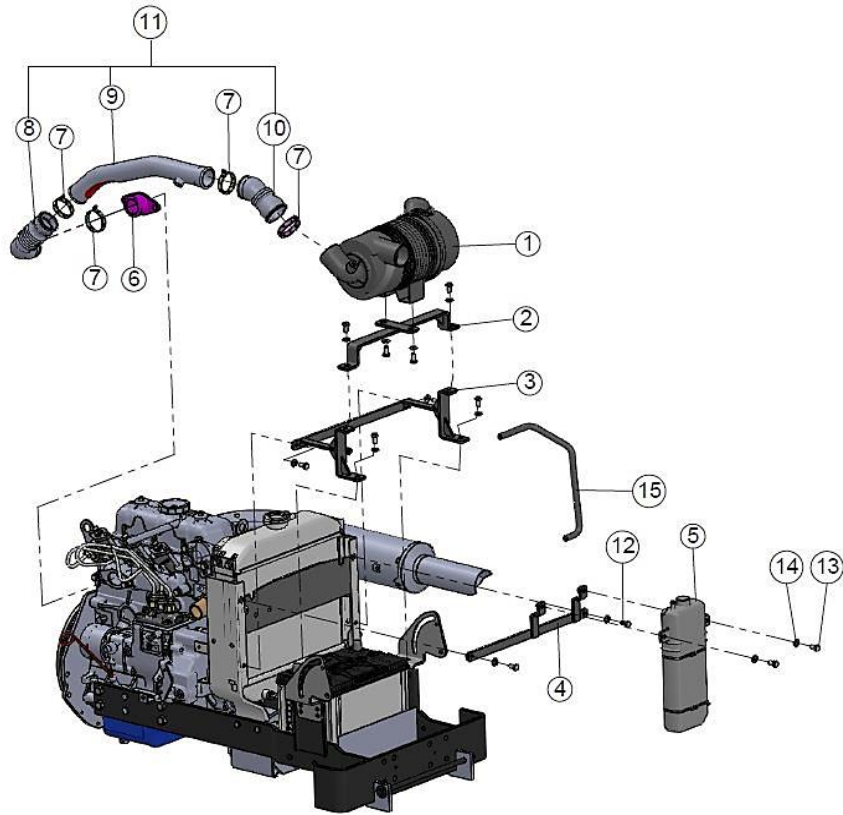
FIG. 202 MUFFLER



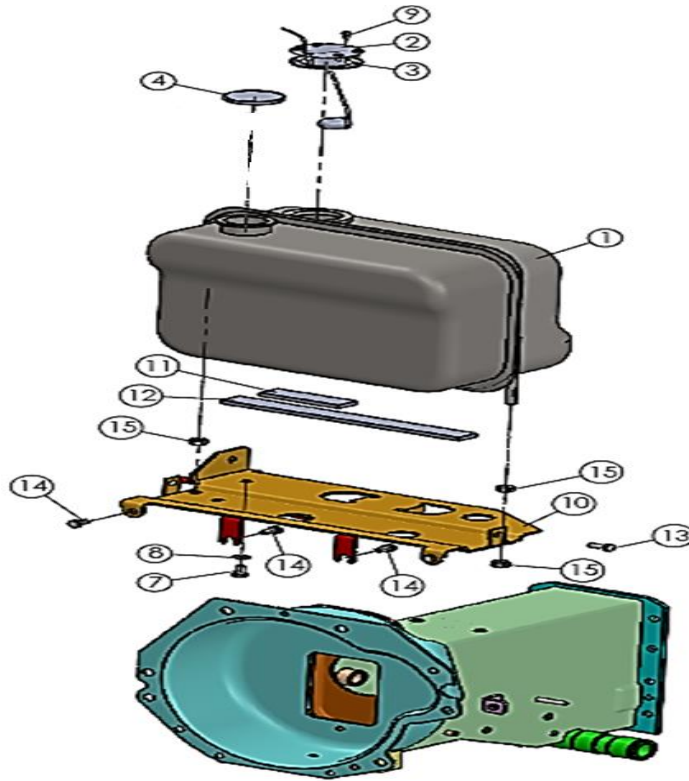
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
1~9	JDA05A00000A0	JDA05A00000B	MUFFLER ASSY.	1	1	1	1		YES
7	BCA05C00030A0	10210315001	COVER, front	1	1	1	1		YES
8	BCA05C00040A0	10210321001	COVER, rear	1	1	1	1		YES

FIG. 203 AIR CLEANER (DRY TYPE)

DRY TYPE AIR CLEANER

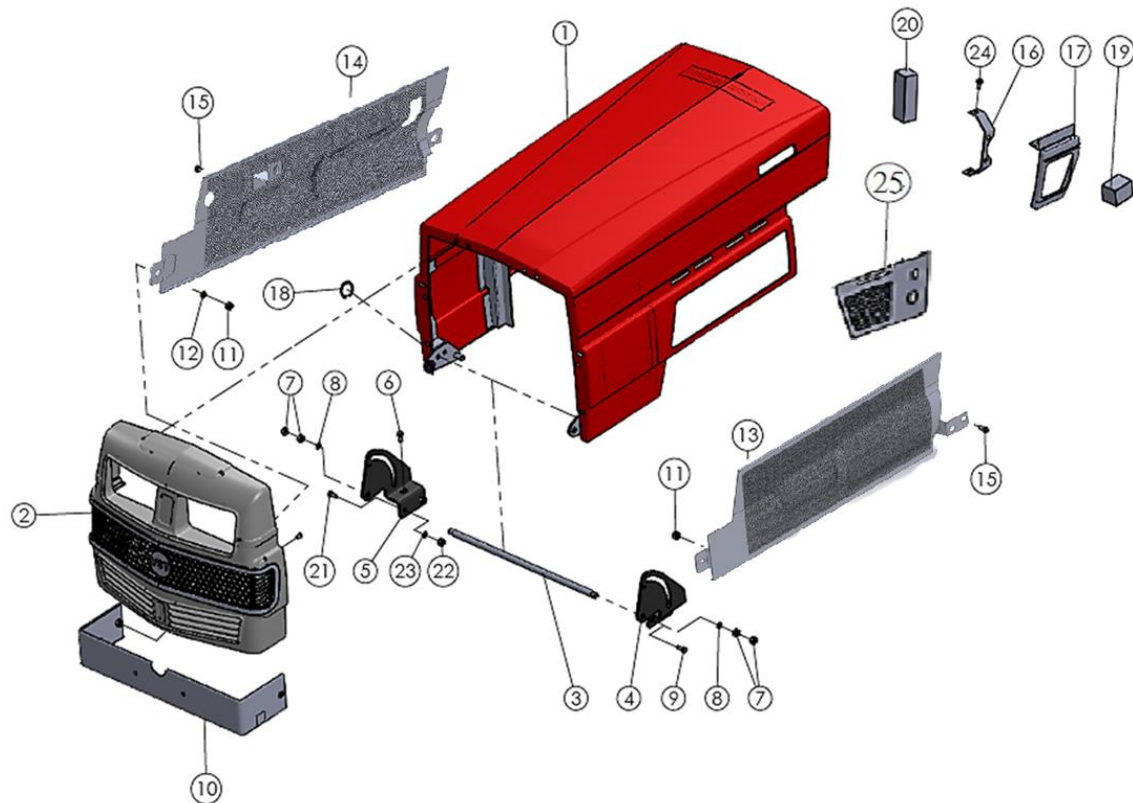


Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
1	BCA04C00120A0	17020300120	Dry type Air Cleaner (AC)	1	1	1	1	22020300320 22020300222 22020100930	YES
1a	BFH04C00000A0	270203018X0	PRIMARY AIR FILTER	1	1	1	1		YES
1b	BFH04C00010A0	270203019X0	SECONDARY FILTER	1	1	1	1		YES
2	BCA04C00250A0	220203003X0	MOUNTING BRACKET PAINTED	1	1	1	1		YES
3	BCA04C00110A0	220203002X2	AC Bracket Painted	1	1	1	1		YES
4	BCA04C00230A0	220201009X0	Coolant tank bracket Painted	1	1	1	1		YES
5	BCA04A00040A0	27020101120	Coolant tank assembly	set	set	set	set		YES
6	BCA04C00190A0	27011300641	Pipe inlet	1	1	1	1		YES
7	MGC6000500GA0	27080701430P0	Clamp hose	4	4	4	4		YES
8	BCA04C00260A0	27020301131	Bellow engine end	1	1	1	1		YES
9	BCA04C00280A0	27020301311	Hose centre duct	1	1	1	1		YES
10	BCA04C00270A0	27020301231	Bellow air cleaner end	1	1	1	1		YES
11	BCA04A00050A0	27020301430	Assy Air Duct (Virat Plus)	set	set	set	set		YES
12	MBA0801602BA0	M10008016	Bolt	10	10	10	10		YES
13	MBA0802004BA0	M10008020	Bolt	2	2	2	2		YES
14	MWA0801602GA0	M30008	Washer, plain	12	12	12	12		YES
14a	MWL0802003GA0	M30408	Washer, spring	12	12	12	12		YES
15	BCA04C00240A0	22020101XX1	RUBBER HOSE COOLANT TANK	1	1	1	1		YES
16	BCA04C00250A0	BT0203001X0	MOUNTING BRACKET PAINTED (HOSE CENTRE DUCT) 22HP OIB	1	1	1	1		YES



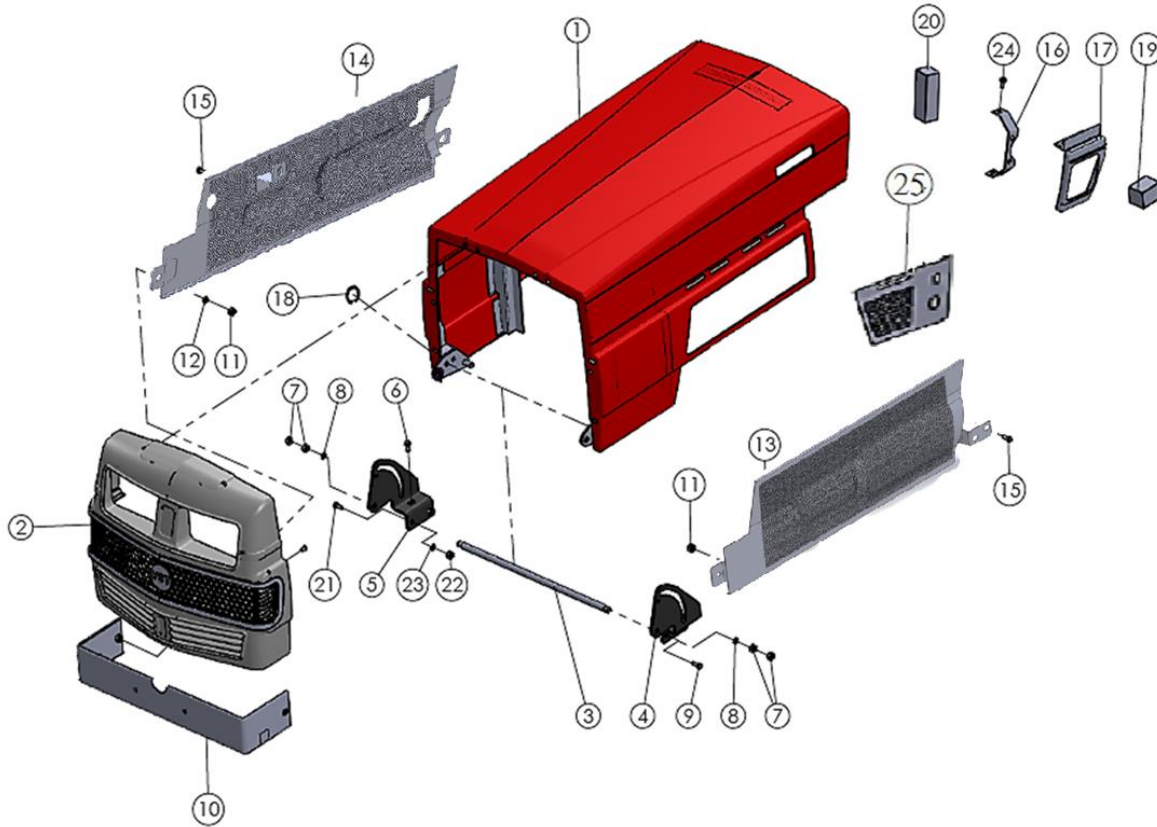
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
1	BCA06A00180A0	220301000X0	FUEL TANK ASSY PAINTED (LOCK TYPE)	1	1	1	1		YES
2~3	BCA06C00500A0	10210113000	FUEL, unit	1	1	1	1		YES
3	BCA06C00510A0	11740118111	PACKING, rubber	1	1	1	1		YES
4	BCA06C00570A0	220301001X0	CAP, fuel tank	1	1	1	1		YES
6	BFA06C00260A0	22030100230	STRAINER FUEL TANK (LOCK TYPE)	1	1	1	1	Absolute	NO
7	MUG0800000GA0	18060400840	DRAIN PLUG M8 (MAGNETIC)	1	1	1	1		YES
8	MWN0701600GA0	8330000801	WASHER, seal	1	1	1	1	M8	YES
9	MBA0401200GA0	M10004012	Bolt	5	5	5	5	M4X10	YES
9a	MWA0400801GA0	M30004	WASHER, plain	5	5	5	5	M4	YES
9b	MWL0401002GA0	M30404	WASHER, spring	5	5	5	5	M4	YES
10	BCA06C00560A0	180301003X1	BRACKET, tank	1	1	1	1		YES
11	BCA06C00490A0	10190106000	CUSHION, tank	1	1	1	1		YES
12	BCA06C00480A0	10190105000	RUBBER	3	3	3	3		YES
13	MBA0802004BA0	M10008020	BOLT, hex. hd	2	2	2	2	M8X20	YES
13a	MWA0801602GA0	M30008	WASHER, plain	2	2	2	2	M8	YES
13b	MWL0802003GA0	M30408	WASHER, spring	2	2	2	2	M8	YES
14	MBA0801602BA0	M10008016	BOLT, hex. hd	4	4	4	4	M8X16	YES
14a	MWA0801602GA0	M30008	WASHER, plain	4	4	4	4	M8	YES
14b	MWL0802003GA0	M30408	WASHER, spring	4	4	4	4	M8	YES
15	MNA1008001BA0	M17010	NUT, hexagonal	4	4	4	4	M10	YES
16	JDA06C00011A0	JDA06C00011B	CABLE STOP BRACKET PAINTED	1		1		Absolute	
16	JTA06C00000A0	JTA06C00000A0	CABLE STOP BRACKET PAINTED (EXPOS		1		1	Absolute	

FIG. 401 BONNET PAGE-40



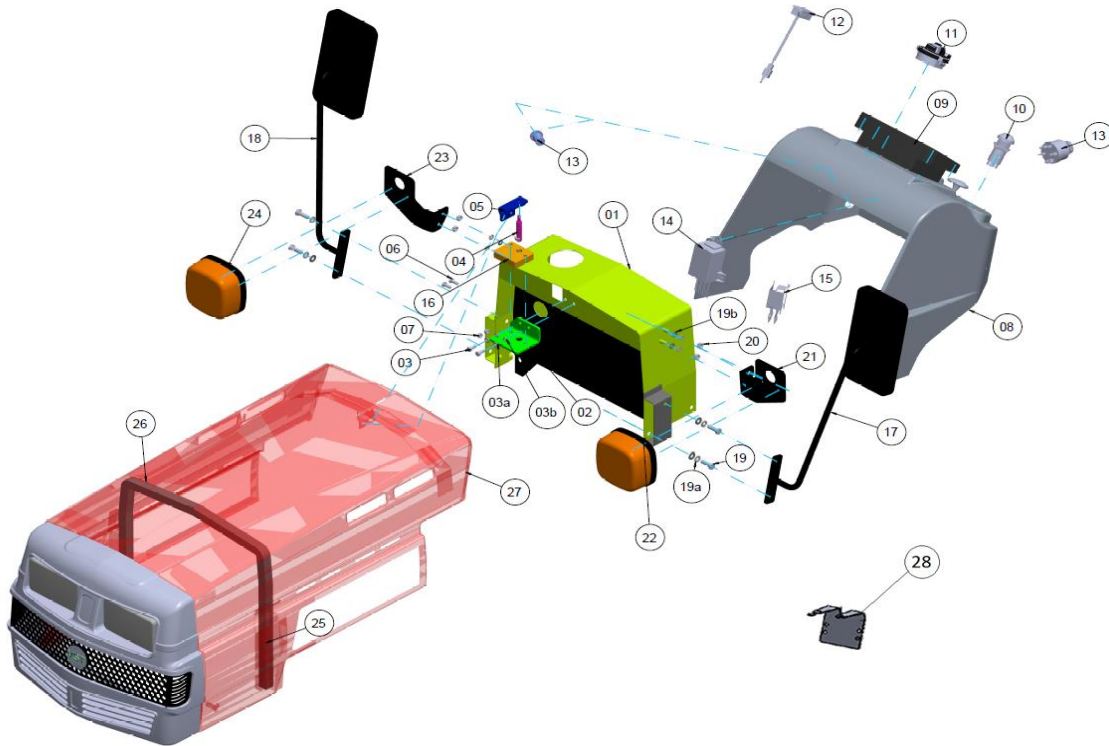
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
1	JDA25C00000A0	JDA25C00000A0	BONNET Painted	1	1	1	1	220401001X0	YES
2	BCA25A00120A0	27040100120	Grill Assy (Silver Colour)	1	1	1	1		YES
3	BCA25C00280A0	10192524001	BAR	1	1	1	1		YES
4	BCA25C00300A0	180401004X0	BRACKET, LH	1	1	1	1		YES
5	BCA25C00290A0	180401003X0	BRACKET, RH	1	1	1	1		YES
6	MBA0801602BA0	M10008016	BOLT, hex. hd	2	2	2	2	M8X16	YES
6a	MWL0802003GA0	M30408	WASHER, plain	2	2	2	2	M8	YES
6b	MWA0801602GA0	M30008	WASHER, spring	2	2	2	2	M8	YES
7	MNA1008001BA0	M17010	NUT	4	4	4	4	M10	YES
8	MWA1101600BA0	M30010	WASHER, plain	2	2	2	2	M10	YES
9	MBA0802004BA0	M10008020	BOLT, hex. hd	3	3	3	3	M8X20	YES
9a	MWL0802003GA0	M30408	WASHER, plain	3	3	3	3	M8	YES
9b	MWA0801602GA0	M30008	WASHER, spring	3	3	3	3	M8	YES
10	BCA25C00360A0	220401005X1	COVER	1	1	1	1		YES
11	MNA0806000BA0	M17008	NUT	2	2	2	2	M8	YES
12	MWA1101600BA0	M30010	WASHER, plain	2	2	2	2	M10	YES
13	JDA02C00000A0	JDA02C00000A	ENGINE SIDE COVER LH PAINTED	1	1	1	1	220401003X0	
14	BCA05C00001A0	BCA05C00001C	ENGINE SIDE COVER RH PAINTED	1	1	1	1	220401004X0	YES
15	MBA0801602BA0	M10008016	BOLT, hex. hd	7	7	7	7	M8X16	YES
15a	MWA0801602GA0	M30008	WASHER, plain	7	7	7	7	M8	YES
15b	MWL0802003GA0	M30408	WASHER, spring	7	7	7	7	M8	YES

FIG. 401 BONNET PAGE-41



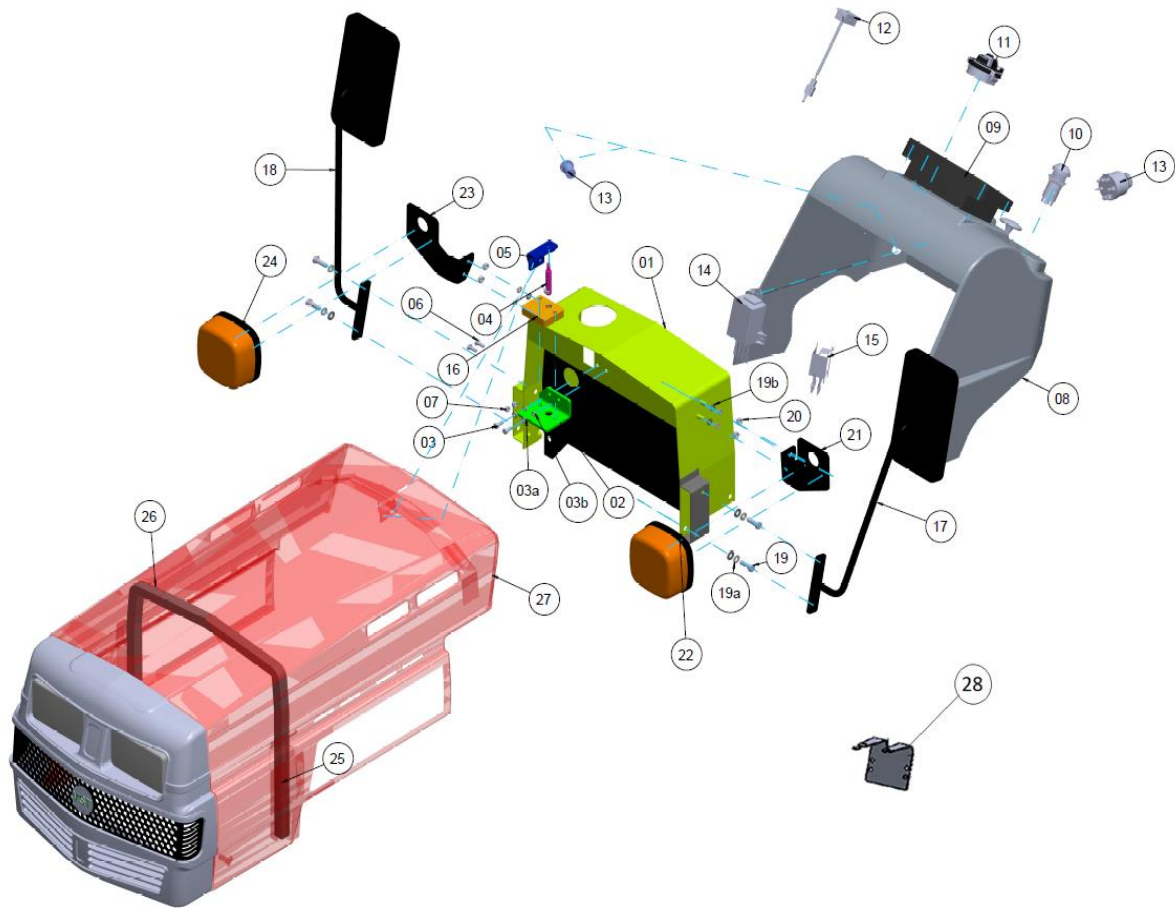
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
16	BCA25C00310A0	180401005X0	PLATE	1	1	1	1	Ø8 M8X25	YES
17	BCA25C00320A0	180401010X0	COVER, rear side (painted)	1	1	1	1		YES
18	MLS0800800BA0	7420100800	E-RING	1	1	1	1		YES
21	MBA0802504BA0	M10008025	BOLT, hex. hd	1	1	1	1		YES
21a	MWL0802003GA0	M30408	WASHER, spring	1	1	1	1		YES
22	MNA0806000BA0	M17008	NUT, hex. hd	1	1	1	1		YES
23	MWL0802003GA0	M30408	WASHER, spring	1	1	1	1		YES
24	MSG0601604GA0	M13006016	SCREW, round hd.	2	2	2	2		YES
24a	MWA0701000BA0	M30006	WASHER, plain	2	2	2	2		YES
24b	MWA0701000BA0	M30006	WASHER, spring	2	2	2	2		YES
25	BEK25C00000A0	EC0401004X0	Cover Plate (Bonnet)	1		1			
25	JDA25C00050A0	JDA25C00050A	COVER PLATE PAINTED PS (EXPORT TRACTOR)		1		1		

FIG. 402 INSTRUMENT



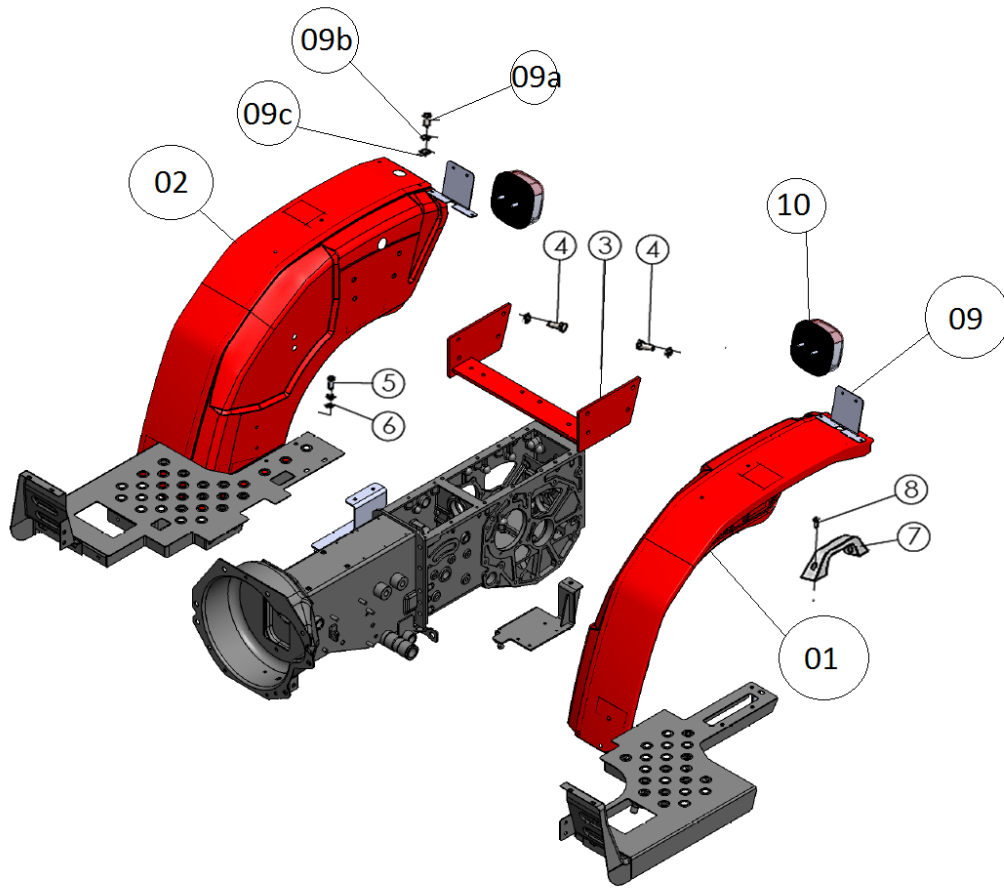
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
1	BEK32C00000A0	220402008X0	Cover Tank Painted (22HP Ajai Power plus)	1		1			YES
1	JDA06C00000A0	JDA06C00000A	Cover Tank Painted (22HP Ajai Power plus)		1		1		
2	BCA03C00000A0	BCA03C00000A	LOCKER BRACKET	1	1	1	1		YES
3	MBA0603501BA0	M10006035	HEX HEAD BOLT	2	2	2	2	M6X16	YES
3a	MWA0701000BA0	M30006	WASHER, PLAIN	2	2	2	2	M6	YES
3b	MWL0601502BA0	M30406	WASHER SPRING	2	2	2	2	M6	YES
4	JDA25C00030A0	JDA25C00030B	LATCH PIN	1	1	1	1		YES
5	JDA25C00010A0	JDA25C00010A	LATCH BRACKET	1	1	1	1		YES
6	MBA0601601BA0	M10006016	BOLT, hex. hd	2	2	2	2	M6X16	YES
6a	MWA0701000BA0	M30006	WASHER, plain	2	2	2	2	M6	YES
7	MNA0605501BA0	M17006	NUT	2	2	2	2	M6	YES
8	JDA32C00000A0	JDA32C00000A	COVER PANEL (EURO MODEL)	1		1			YES
8	JTA32C00000A0	P0340001	COVER PANEL (EURO MODEL)		1		1		
9	BFA32A00020A0	221003001X2	INSTRUMENT CLUSTER	1	1	1	1		YES
9a	MSG0603000GA0	M13006030	SCREW, round hd.	5	5	5	5	M6X30	YES
9b	MWA0701000BA0	M30006	WASHER, plain	5	5	5	5	M6	YES
9c	MWL0601502BA0	M30406	WASHER, spring	5	5	5	5	M6	YES
10	JEB32C00000A0	EC100201640	STOP SWITCH	1	1	1	1		YES
11	BFA32C00070A0	221003005x0	COMBINATION SWITCH	1	1	1	1		YES
12	JDA34C00030A0	JDA34C00030B	PARKING INDICATOR LIGHT LED	1	1	1	1	IP 63	YES
12a	JDA34P00060A0		PARKING INDICATOR LIGHT LED	1	1	1	1	IP 67	
13	BCA34C00420A0	221003003X0	STARTER SWITCH WITH KEY	1	1	1	1		YES
16&13a	JDA25C00020A0	JDA25C00020A	LOCKER WITH KEY	1	1	1	1		
13b	JDA25C00020A0	JDA25P00020A	BONNET LOCK CABLE (728mm)	1	1	1	1		
14	JDA34C00010A1	JDA34C00010A	OPSM IP 63	1	1	1	1	IP 63	YES
14	JDA34P00080A1		OPSM IP 67	1	1	1	1	IP 67	
15	JDA34C00020A0	JDA34C00020A	RELAY EXPORT	1	1	1	1	IP 63	YES
15a	JDA34P00090A0	JDA34P00090A0	RELAY EXPORT	1	1	1	1	IP 67	
16	JDA25P00000A0	JDA25P00000A0	BONNET LATCH SEAT LOCKER WITH CA	1	1	1	1		YES
17	JDA38P00000A0	JDA38P00000A	REAR VIEW MIRROR LH	1	1	1	1		YES
18	BCA32A00020A0	18040201432	REAR VIEW MIRROR RH	1	1	1	1		YES

FIG. 402 INSTRUMENT PAGE-44



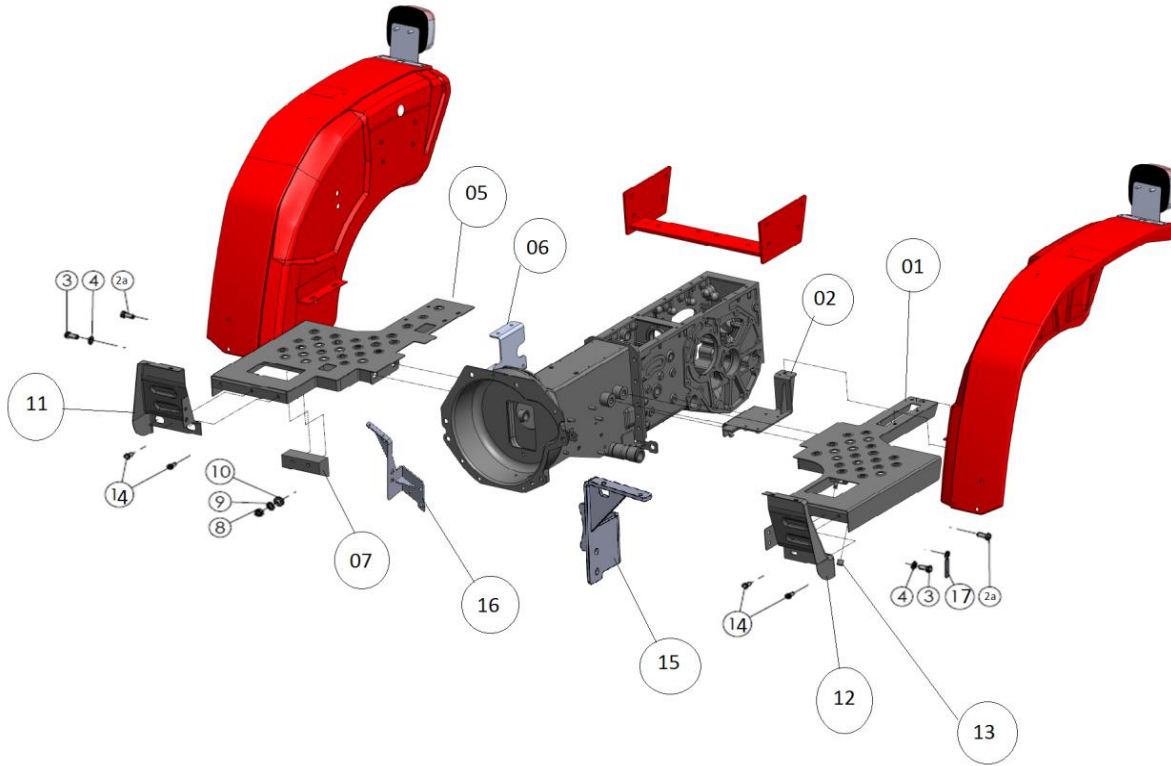
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
21	BEK26C00000A0	221002003X0	Indicator bracket Front LH painted (22	1	1	1	1	M8X20	YES
23	BEK26C00010A0	221002004X0	Indicator bracket Front RH painted (22	1	1	1	1		YES
25	BCA32C00040A0	10192598300	CUSHION	1	1	1	1		YES
26	BCA32C00030A0	10192598001	CUSHION	2	2	2	2		YES
27	BCA32C00050A0	10192598602	CUSHION	1	1	1	1		YES
28	BFC32C00020A0	101925450X2	HOLDER PAINTED	1	1	1	1	M8X20	YES
29	MBA0802004BA0	M10008020	BOLT, hex. hd	2	2	2	2		YES
30	JDA25C00020A0	JDA25C00020A	LOCKER WITH KEY	1	1	1	1		YES

FIG. 403 FENDER



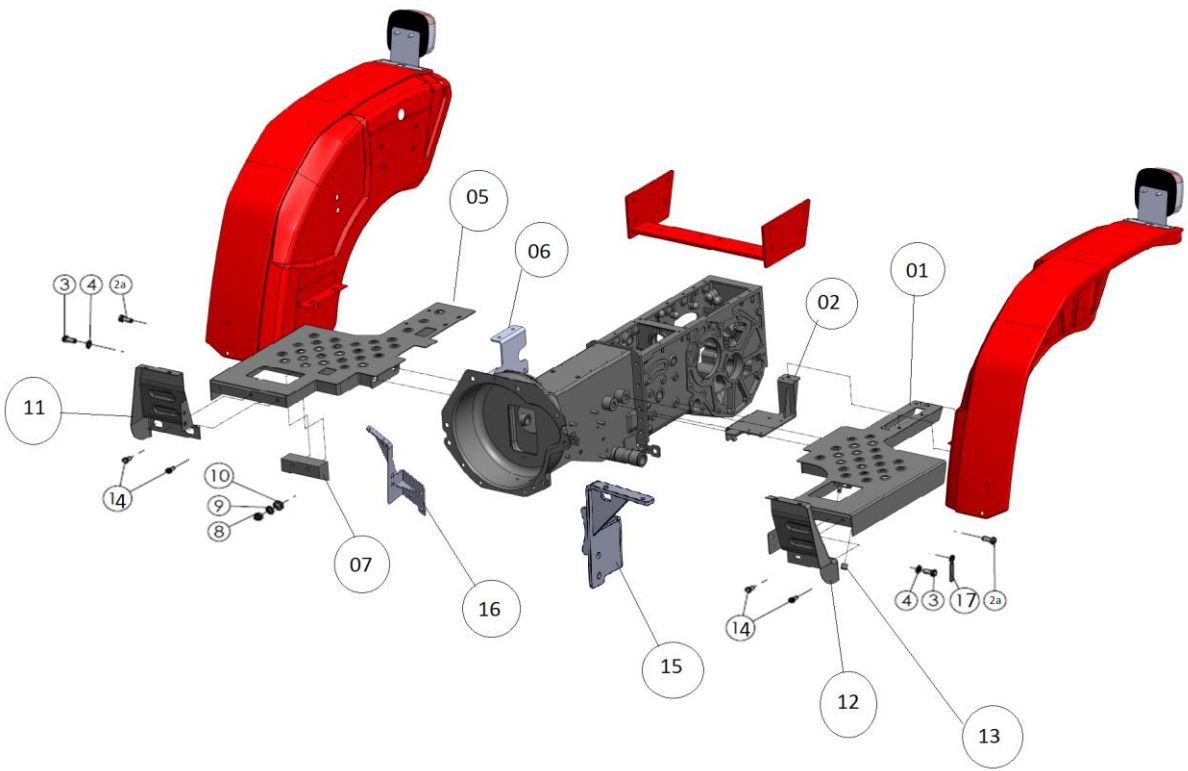
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
1	JEB26C00020A0	EC0403004X0	FENDER, rear LH painted	1	1	1	1		YES
2	JEB26C00030A0	EC0403005X0	FENDER, rear RH painted	1	1	1	1		YES
3	BCA26C00150A0	180403011X0	BRACKET, fender Painted	1	1	1	1		YES
4	MBA1002502BA0	M10010025	BOLT, hex. hd	8	8	8	8	M10X25	YES
4a	MWL1002503GA0	M30410	WASHER, spring	8	8	8	8	M10	YES
5	MBA0802004BA0	M10008020	BOLT, hex. hd	6	6	6	6	M8X20	YES
5a	MWL0802003GA0	M30408	WASHER, spring	6	6	6	6	M6	YES
6	MWA0801602GA0	M30008	WASHER, plain	6	6	6	6	M6	YES
7	BCA26C00040A0	18040300830	ARM REST PLASTIC	1	1	1	1		YES
8	MSG0603000GA0	M13006030	BOLT, hex. hd	2	2	2	2	M6X16	YES
8a	MWA0701000BA0	M30006	WASHER, plain	2	2	2	2	M6	YES
9	BEK26C00010A0	181002018X0	Bracket Indicator Rear Painted	2	2	2	2	181002018X0,18100201	YES
9a	MBA0801602BA0	M10008016	BOLT, hex. hd	4	4	4	4		YES
9b	MWA0801602GA0	M30008	PLAIN WASHER	4	4	4	4		YES
9c	MWL0802003GA0	M30408	SPRING, washer	4	4	4	4		YES
10	BCA34C00510A0	181002013X0	REAR INDICATOR	2	2	2	2		YES

FIG. 404 STEP PAGE-47



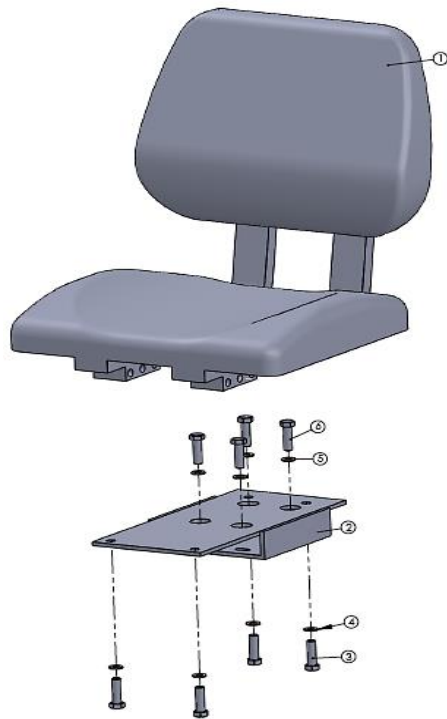
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
1	JDA28C00030A0	JDA28C00030A	STEP LH - A	1	1	1	1	M10X25	YES
2	JDA28C00040A0	JDA28C00040A	STEP LH - B	1	1	1	1		YES
2a	MBA1002502BA0	M10010025	BOLT, hex. hd	4	4	4	4		YES
2b	MWL1002503GA0	M30410	WASHER, spring	4	4	4	4		YES
2c	MWA1101600BA0	M30010	WASHER, plain	4	4	4	4	M10	YES
3	MBA1402503BA0	M10014025	BOLT, hex. hd	4	4	4	4	M14X25	YES
4	MWL1403502GA0	M30414	WASHER, spring	4	4	4	4	M14	YES
4a	MWA1402601GA0	M30014	WASHER, plain	4	4	4	4	M14	YES
5	JDA28C00000A0	JDA28C00000A	STEP RH - A	1	1	1	1		YES
6	BEK28C00000A0	JDA28C00010A	STEP RH - B	1	1				YES
6	BEK28C00000A0	220404010X0	STEP RH - B			1	1		
7	BFB28C00020A0	27040403940	RUBBER STEP RH (MDA 189)	1	1	1	1	M12	YES
8	MBA0805501BA0	M10008055	BOLT, hex. hd	2	2	2	2	M8X55	YES
9	MWA0801602GA0	M30008	WASHER, plain	2	2	2	2	M8	YES
10	MWL0802003GA0	M30408	WASHER, spring	2	2	2	2	M8	YES
11	JDA28C00070A0	JDA28C00070A	COVER FOOT RH	1	1	1	1		YES
12	JDA28C00060A0	JDA28C00060A	COVER FOOT LH	1	1	1	1		YES
13	JEB20C00010A0	17040400640P0	RUBBER PAD	1	1	1	1		YES
14	MBA0802004BA0	M10008020	BOLT, hex. hd	4	4	4	4	M8X20	YES
14a	MWA0801602GA0	M30008	WASHER, PLAIN	4	4	4	4	M8	YES
14b	MWL0802003GA0	M30408	WASHER, SPRING	4	4	4	4	M8	YES

FIG. 404 STEP PAGE-48



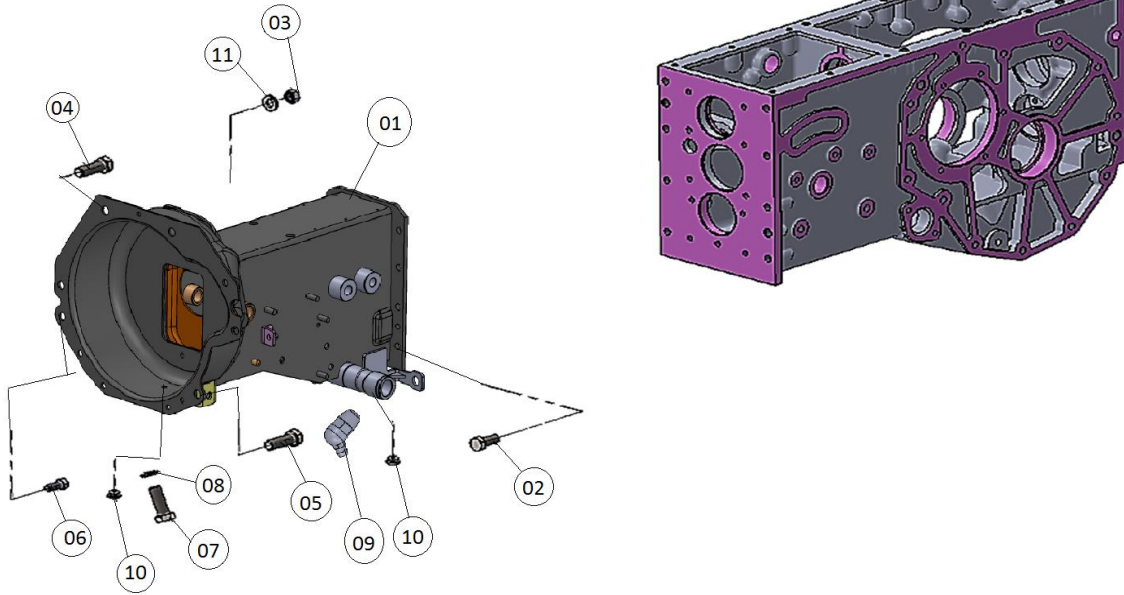
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
15	JDA28C00050A0	JDA28C00050A	STEP LH MOUNTING BRACKET	1	1	1	1		YES
16	JDA28C00020A0	JDA28C00020A	STEP RH MOUNTING BRACKET	1	1	1	1		YES
17	MGC1108000BA0	502108103	CLAMP	2	2	2	2		YES

FIG. 405 SEAT & TOOL BOX



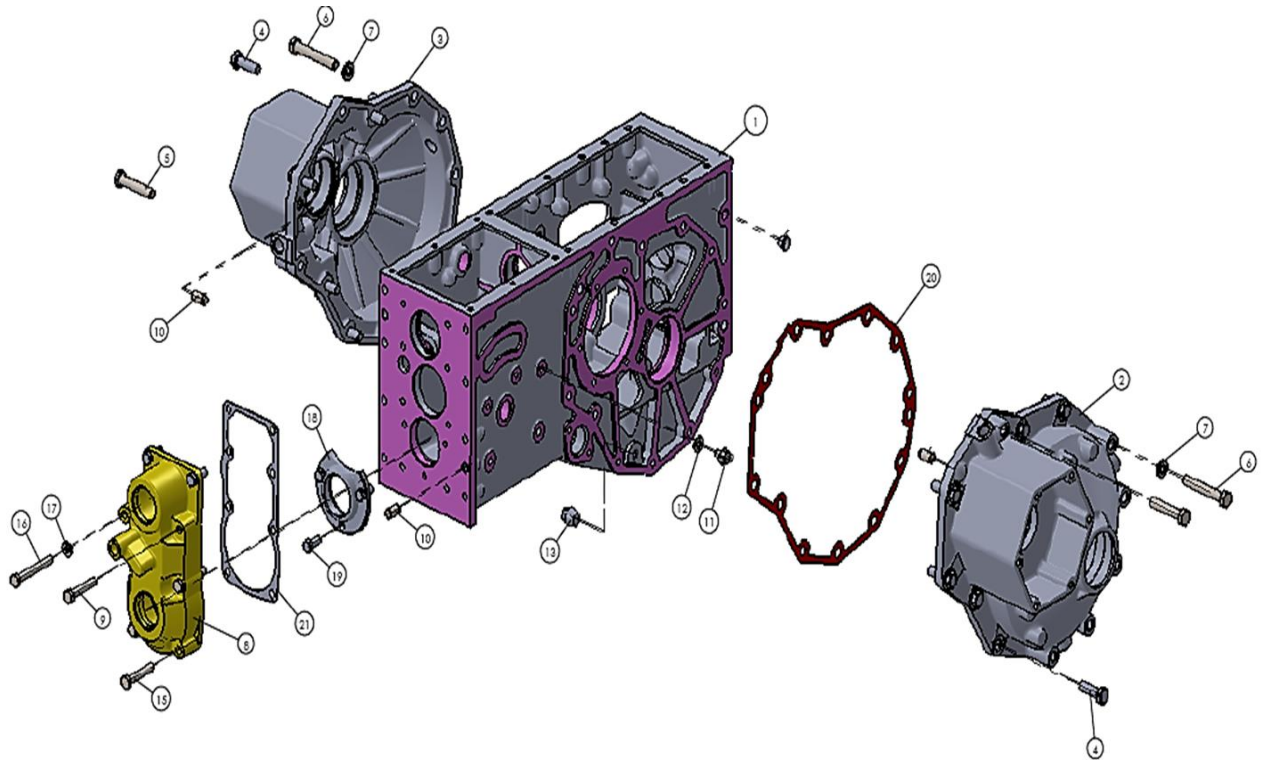
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
1	JDB27P00000A1	EC0405005X0	SEAT (EURO MODEL)	1	1	1	1		YES
2	JEB27C00020A0	EC0405001X1	Seat Bracket Painted Euro Tractor	1	1	1	1		YES
3	MBA1003502BA0	M10010035	BOLT, hex. Hd	4	4	4	4		YES
4	MWL1002503GA0	M30410	WASHER, SPRING	4	4	4	4		YES
5	MBA1003502BA0	M10010035	BOLT, hex. Hd	4	4	4	4		YES
6	MWL1002503GA0	M30410	WASHER, SPRING	4	4	4	4		YES
7	JDA34A00030A0	JDA34A00030B	BRAKE LIGHT SWITCH, HAND BRAKE	2	2	2	2		YES
8	JDA27C00000A0	JDA27C00000A	SWITCH SENSOR, & SEAT SENSOR SEAT SENSOR BRACKET	1	1	1	1		YES

FIG. 501 CLUTCH HOUSING



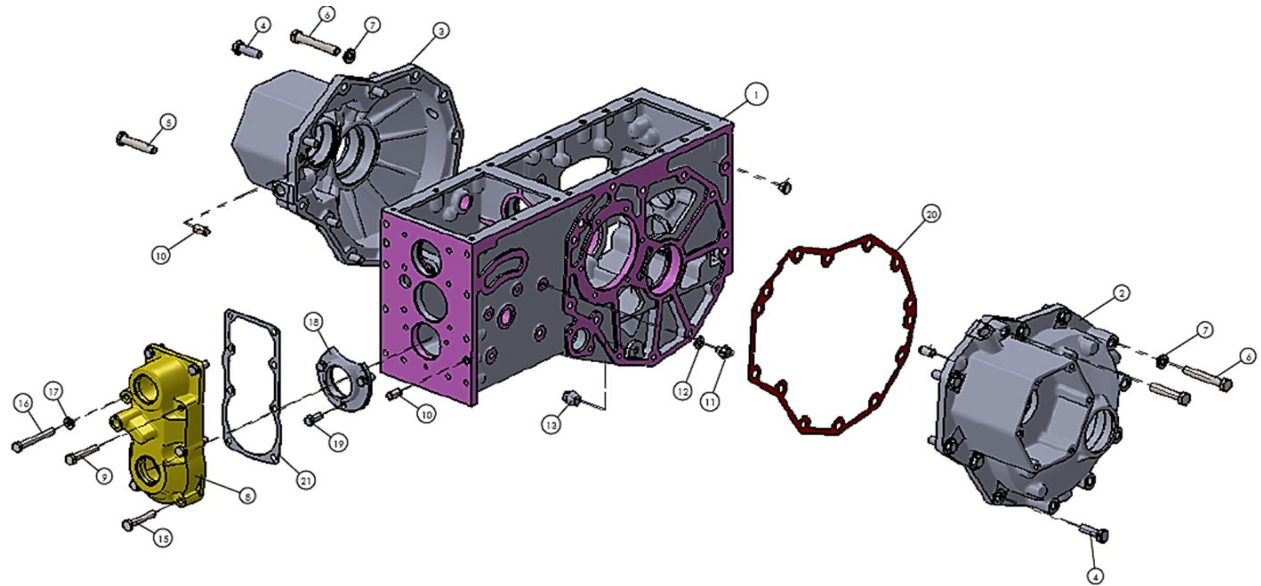
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
1	BCA11C00070A0	10071031006	Housing Clutch Painted Euro	1		1			YES
1	JDA10C00000A0	P0331801	CLUTCH HOUSING (Euro model)		1		1		
2	MBA1002502BA0	M10010025	BOLT, hex. hd	8	8	8	8	M10X25	YES
2a	MWL1002503GA0	M30410	WASHER, spring	8	8	8	8	M10	YES
3	MNA1008001BA0	M17010	NUT	1	1	1	1	M10	YES
4	MBA1203503BA0	M10012035	BOLT, hex. hd	1	1	1	1	M12X35	YES
4a	MWL1203002GA0	M30412	WASHER, spring	1	1	1	1	M12	YES
5	MBA1202002BA0	M10012020Z	BOLT, hex. hd	3	3	3	3	M12X20	YES
5a	MWL1203002GA0	M30412	WASHER, spring	3	3	3	3	M12	YES
6	MBA0802004BA0	M10008020	BOLT, hex. hd	3	3	3	3	M8X20	YES
6a	MWL0802003GA0	M30408	WASHER, spring	3	3	3	3	M8X20	YES
7	MBA1202002BA0	M10012020Z	BOLT, hex. hd	1	1	1	1	M12X20	YES
8	MWG1302000GA0	10071016001	WASHER, seal	1	1	1	1		YES
9	MGN0500800BA0	A6513100301	NIPPLE, grease	1	1	1	1	PT 1/8"	YES
10	BCA10C00080A0	27613733000	CAP, Clutch Housing	2	2	2	2		YES
11	MWL1002503GA0	M30410	WASHER, spring	1	1	1	1		YES
12	MBA1003002BA0	M10010030	BOLT, hex. hd	1	1	1	1	M10X30	YES
12a	MWL1002503GA0	M30410	WASHER, spring	1	1	1	1	M10	YES
12b	MWA1101600BA0	M30010	WASHER, plain	1	1	1	1	M10	YES
13	MBA1203002BA0	M10012030	BOLT, hex. hd	2	2	2	2	M12X30	YES
13a	MWL1203002GA0	M30412	WASHER, spring	2	2	2	2	M12	YES
13b	MWA1302300BA0	M30012	WASHER, plain	2	2	2	2	M12	YES
13c	BCA10C00100A0	180501012X0	HEAT SHIELD	1	1	1	1	Obsolute	YES
14	BCA12C00000A0	BCA12C00000A	PTO SENSOR BRACKET PAINTED	1	1	1	1		YES

FIG. 502 TRANSMISSION CASE PAGE-51



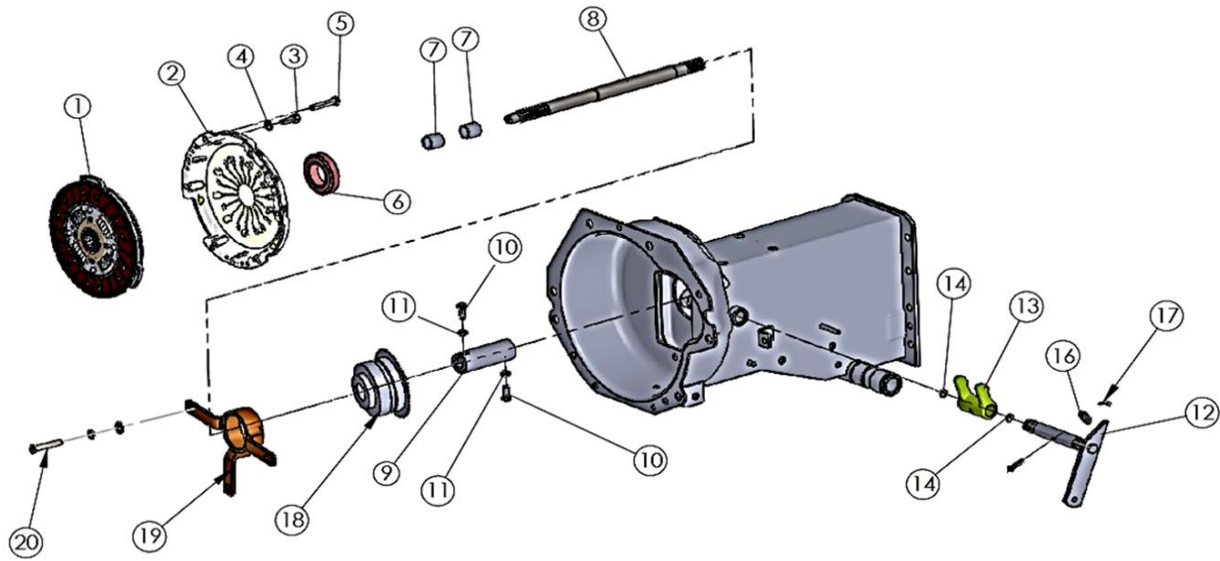
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
1	BCA11C00070A0	10071031006	CASE, transmission	1	1	1	1		YES
2	BCA11C00150A0		CASE LH., final	1	1	1	1		
3	BCA11C00140A0	19861215007	CASE RH., final	1	1	1	1		YES
4	MBA1003502BA0	M10010035	BOLT, hex. hd	12	12	12	12	M10X35	YES
5	MBA1005500BA0	M10010055	BOLT, hex. hd	2	2	2	2	M10X55	YES
5a	MWL1002503GA0	M30410	WASHER, spring	2	2	2	2	M10	YES
6	MBA1007000BA0	M10010070	BOLT, hex. hd	2	2	2	2	M10X70	YES
7	MWL1002503GA0	M30410	WASHER, spring	2	2	2	2	M10	YES
8	BCA11C00080A0	10071061000	HOLDER, bearing	1	1	1	1		YES
9	MBA0802504BA0	M10008025	BOLT, hex. hd	2	2	2	2	M8X25	YES
9a	MWL0802003GA0	M30408	WASHER, spring	2	2	2	2	M8	YES
9b	MBA0803002BA0	M10008030	BOLT, hex. hd	8	8	8	8		YES
9c	MWL0802003GA0	M30408	WASHER, spring	8	8	8	8		YES
11	MUG0800000GA0	18060400840	DRAIN PLUG M8 (MAGNETIC)	1	1	1	1		YES
13	MUG0170000GA0	A6000201000	PLUG, taper	2	2	2	2		YES
15	MBA0805002BA0	M10008050	BOLT, hex. hd	5	5	5	5	M8X50	YES
15a	MWL0802003GA0	M30408	WASHER, spring	5	5	5	5	M8	YES
16	MBA0807001BA0	M10008070	BOLT, hex. hd	1	1	1	1	M8X70	YES
17	MWL0802003GA0	M30408	WASHER, spring	1	1	1	1	M8	YES
18	BCA11C00090A0	10071062000	HOLDER, bearing	1	1	1	1		YES

FIG. 502 TRANSMISSION CASE PAGE-52



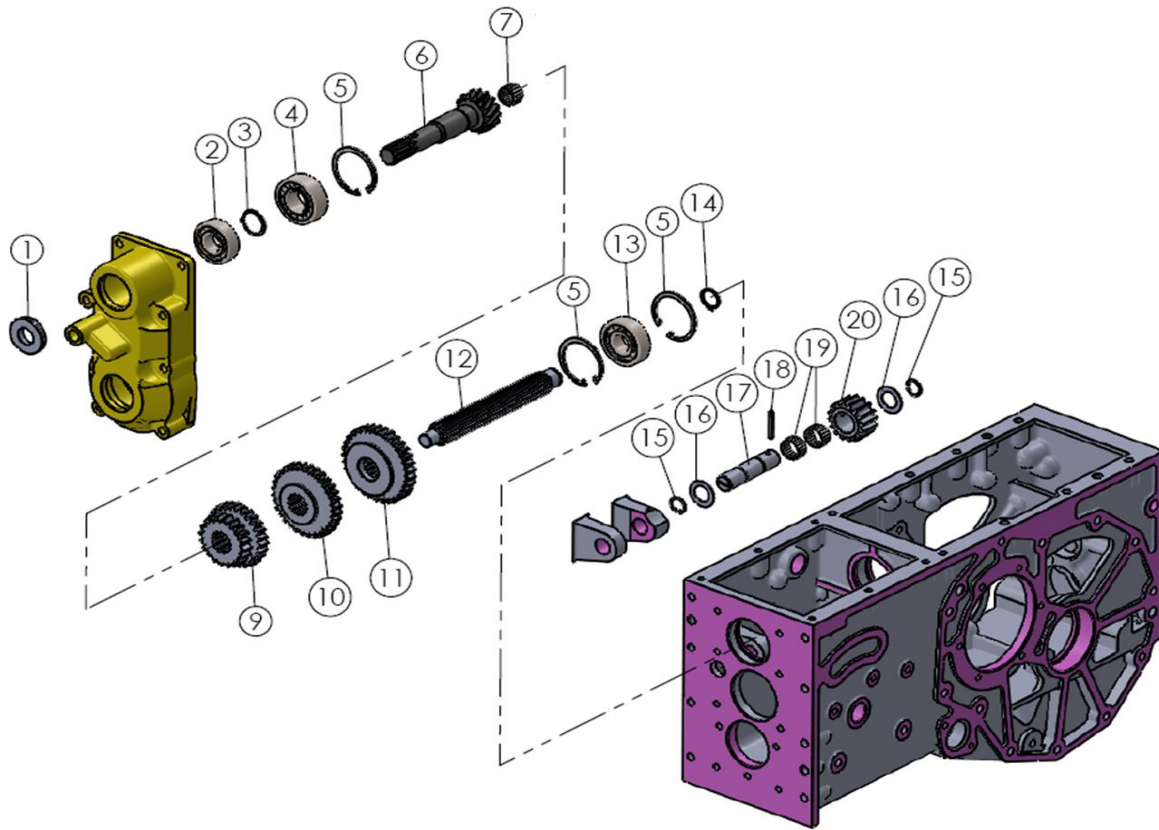
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
19	MBA0802004BA0	M10008020	BOLT, hex. hd	3	3	3	3	M8X20 M8	YES
19a	MWL0802003GA0	M30408	WASHER, spring	3	3	3	3		YES
20	BCA11C00110A0	18050200120	PACKING, Final Drive case	2	2	2	2		YES
21	MGG0000016GA0	18050200230	GASKET, Brg. Holder	1	1	1	1		YES

FIG. 503 CLUTCH



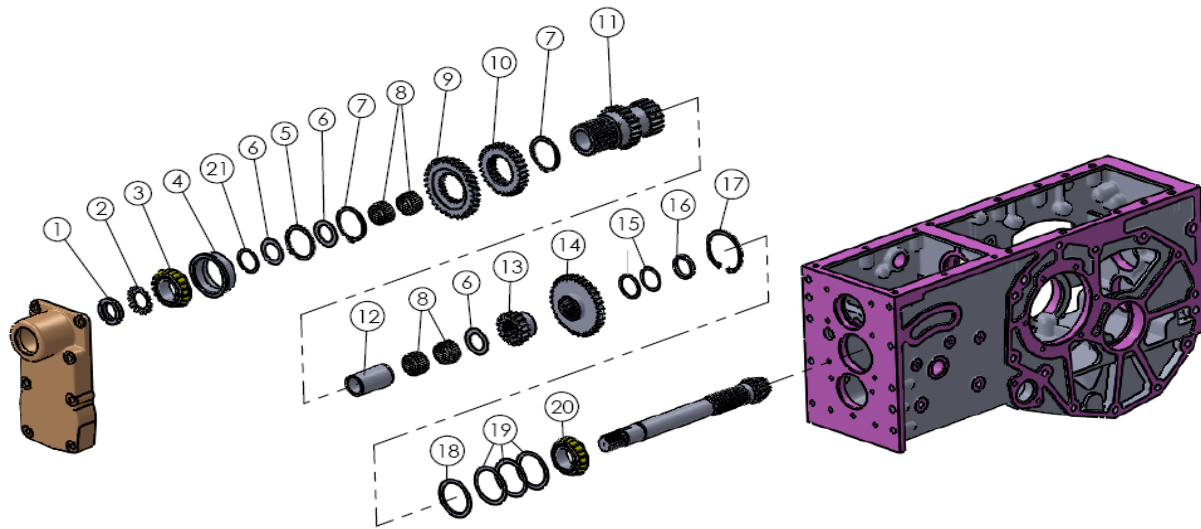
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
1	BCA10A00060A0	19821120000	CLUTCH DISK ASSY.	1	1	1	1	M8 M8X16 M8	YES
2	BCA10A00050A0	19821115000	CLUTCH COVER ASSY.	1	1	1	1		YES
3	MBA0802202DA0	11421106010	BOLT CK CLUTCH	3	3	3	3		YES
4	MWL0802003GA0	M30408	WASHER, spring	3	3	3	3		YES
5	MBA0801602BA0	M10008016	BOLT, hex. hd	6	6	6	6		YES
5a	MWL0802003GA0	M30408	WASHER, spring	6	6	6	6		YES
6	BCA10C00150A0	11761015000	BEARING, release	1	1	1	1		YES
7	BCA10C00210A0	560502015	BUSHING	2	2	2	2		YES
8	BCA10C00220A0	180503006X0	SHAFT, main painted	1	1	1	1		YES
9	BCA10C00140A0	11351102003	COUPLING	1	1	1	1		YES
10	MBA0802205GA0	19781122000	BOLT	2	2	2	2	YES	
11	MNA0806000BA0	M17008	NUT	2	2	2	2	YES	
12	BCA10C00230A0	180503007X0	SHAFT, release painted	1	1	1	1	YES	
13	BCA10C00180A0	19821123001	FORK, release	1	1	1	1	YES	
14	MRA0171900GA0	8300110170	O-RING	2	2	2	2	Ø17	YES
16	MWA0701000BA0	M30006	WASHER, plain	1	1	1	1	M6	YES
17	MTG0201500GA0	M39016X15	PIN, split	1	1	1	1	Ø1.6X12	YES
18	BCA10C00021A2		Hub,release	1	1	1	1		YES
19	BCA10C00011A1		GUIDE HUB RELEASE PAINTED	1	1	1	1		YES
19a	BCA10P00000A0		PLASTIC BUSH	1	1	1	1		YES
20	MBA0802504BA0	M10008025	BOLT, hex. hd	3	3	3	3	M8X25	YES
20a	MWA0801602GA0	M30008	WASHER, plain	3	3	3	3	M8	YES
20b	MWL0802003GA0	M30408	WASHER, spring	3	3	3	3	M8	YES

FIG. 504 SELECT & REVERSE SHAFT



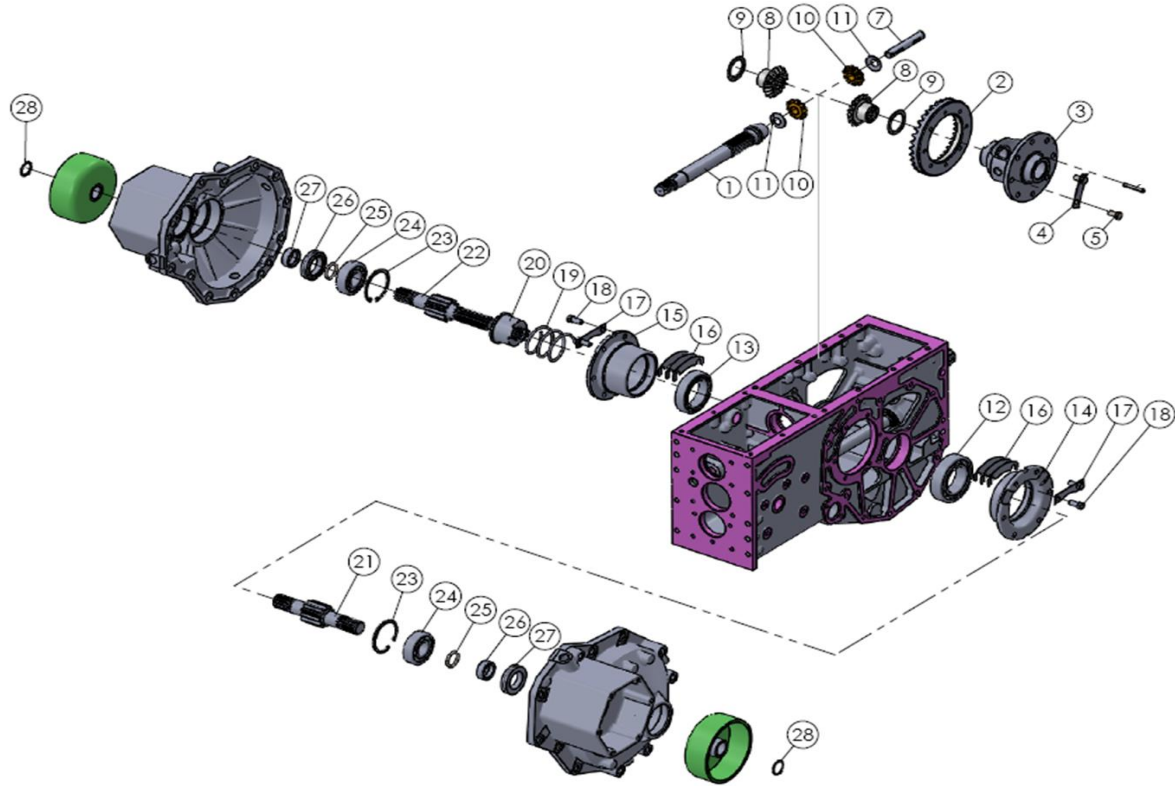
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
			SELECT SHAFT						
1	MGG2007000GA0	8401020407	SEAL, oil	1	1	1	1	TC20407	YES
2	MEG2014001GA0	A932503H	BALL BEARING 6204ZZ	1	1	1	1		YES
3	MLS0231200GA0	H42609	RING, snap	1	1	1	1	Ø25	YES
4	MEG2517000GA0	11351203100	BEARING, roller	1	1	1	1		YES
5	MLS5202000GA0	7410005200	RING, snap	3	3	3	3	Ø52	YES
6	BCA11C00180A0	10191201004	SHAFT, drive	1	1	1	1		YES
7	MEN1514800GA0	10071205000	BEARING, needle	1	1	1	1		YES
9	BCA11C00190A0		20-27 gear	1	1	1	1		YES
10	BCA11C00200A0	11351207024	GEAR 32T	1	1	1	1		YES
11	BCA11C00210A0	11351208008	GEAR 15-33T	1	1	1	1		YES
12	BCA11C00160A0	10071204000	SHAFT, select	1	1	1	1		YES
13	MEB2015000GA0	A932505C	BEARING	1	1	1	1	6304	YES
14	MLS0191200BA0	7400002001	RING, snap	1	1	1	1	Ø20	YES
			REVERSE SHAFT						
15	MLS1501500BA0	7420101500	E - RING	2	2	2	2	Ø18	YES
16	MGG0001003BA0	14561157000	LINER B, thrust	2	2	2	2	t=1.0	YES
17	BCA11C00220A0	11351351001	SHAFT	1	1	1	1		YES
18	MPB5003200GA0	5500005032	PIN, spring	1	1	1	1	Ø5X32	YES
19	MEN1812000GA0	7802182412	BEARING, needle	2	2	2	2		YES
20	BCA11C00230A0	11351352023	GEAR 16T	1	1	1	1		YES

FIG. 505 COUNTER GEAR



Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
1	MEU2507001BA0	A3270102500	NUT, lock	1	1	1	1	M25	YES
2	MEW2501201BA0	3280102501	WASHER, lock	1	1	1	1	M25	YES
3	MER0000000GA0	11351313000	TAPER ROLLER BEARING 30205	1	1	1	1		YES
4	BCA11C00260A0	11351302011	HOLDER	1	1	1	1		YES
5	MLS0000003GA0	18000600141	RING, snap	1	1	1	1	Ø25	YES
6	MGG0001001BA0	11351304011	LINER, thrust	2	2	2	2	t=1.0	YES
7	MLS0000004GA0	18000600240	RING, snap	2	2	2	2		
8	MEN0000002GA0	11351325000	BEARING, needle	4	4	4	4	Both are Interchangeable	YES
8	BDA98C00020A0		BEARING, needle	2	2	2	2		
9	BCA11C00250A0	10191306002	GEAR 31T	1	1	1	1		YES
10	BCA11C00270A0		GEAR 29T	1	1	1	1		YES
11	BCA11C00330A0		GEAR 18-23T	1	1	1	1		YES
11a	BFA97C00110A0	10071305005X0K0	Gear 18-23T Kit	1	1	1	1		YES
12	BCA11C00280A0	11351308023	COLLAR	1	1	1	1		YES
13	BCA11C00290A0	11351309013	GEAR 17T	1	1	1	1		
14	BCA11C00300A0	11351312013	GEAR 34T	1	1	1	1		YES
15	MGS0000200GA0	11351314011	SHIM	AR	AR	AR	AR	t=0.2	YES
15a	MGS0000401GA0	11351318000	SHIM	AR	AR	AR	AR	t=0.4	YES
16	BCA11C00310A0	11351321000	COLLAR	1	1	1	1		YES
17	MRG0612000GA0	11351322000	RING, snap	1	1	1	1		YES
18	MGS0000500GA0	11351317011	SHIM	AR	AR	AR	AR	t=0.5	YES
19	MGS0000101GA0	11351315011	SHIM	AR	AR	AR	AR	t=0.1	YES
19a	MGS0000201GA0	11351316011	SHIM	AR	AR	AR	AR	t=0.2	YES
20	MER2917000GA0	11351323000	BEARING, taper roller	1	1	1	1		YES
21	MGG2602000GA0	18050501240	SPACER	1	1	1	1		YES

FIG. 506 DIFFERENTIAL SHAFT

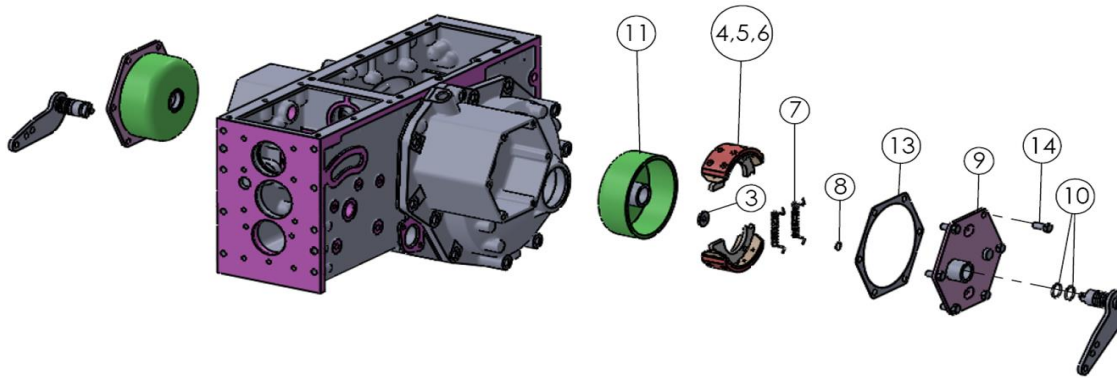


Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
1-2	BCA12C00100A0	10191423001	CROWN WHEEL PINION SET	1	1	1	1	M8X16	YES
3	BCA12C00030A0	10191411000	CASE, diff	1	1	1	1		YES
4	BCA12C00140A0	11351406000	WASHER LOCK	4	4	4	4		YES
5	MBA0801602BA0	M10008016	BOLT, hex. hd	8	8	8	8		YES
6	MPB6004000GA0	550006040	PIN, SPRING	1	1	1	1		YES
7	BCA12C00060A0	10191414000	SHAFT, pinion	1	1	1	1		YES
8	BCA12C00050A0	10191413000	GEAR, side 16T	2	2	2	2		YES
9	MWG1400005GA0	10191415000	WASHER, thrust	2	2	2	2		YES
10	BCA12C00040A0	10191412000	PINION, mate 10T	2	2	2	2		YES
11	MWG1400005GA0	10191415000	WASHER, thrust	2	2	2	2		YES
12	MEB5016000GA0	7500060100	BEARING	1	1	1	1	6010	YES
13	MEG5020000GA0	7500062100	Ball Bearing 6210	1	1	1	1	6210	YES
14	BCA12C00020A0	10071418000	HOLDER LH, bearing	1	1	1	1	t=0.2 t=0.3 t=0.5	YES
15	BCA12C00010A0	10071417000	HOLDER RH, bearing	1	1	1	1		YES
16	MGG0000202BA0	11351419000	LINER A	AR	AR	AR	AR		YES
16a	MGG0000300BA0	11351421000	LINER B	AR	AR	AR	AR		YES
16b	MGG0000501BA0	11351422000	LINER C	AR	AR	AR	AR	YES	YES
17	BCA12C00170A0	11351423000	PLATE	6	6	6	6	M8X20	YES
18	MBA0802004BA0	M10008020	BOLT, hex. hd	12	12	12	12		YES

This exploded view diagram illustrates the assembly of a mechanical component, likely a pump or motor housing. The parts are numbered 1 through 28. The main assembly consists of a central housing (1) with a green impeller (2) attached to the front. The impeller is secured by a nut (3) and a washer (4). The housing is mounted on a base (5) using a bolt (6) and a nut (7). The assembly is supported by a series of bearings (8, 9, 10, 11) and a shaft (12). The shaft is secured by a lock washer (13) and a lock nut (14). The assembly is completed by a cover (15) which is secured by a bolt (16) and a nut (17). The diagram also shows a separate sub-assembly (18) which is a small motor or pump unit, and a separate assembly (19) which is a small pump or motor unit. The exploded view shows the relative positions of the parts and the sequence of assembly.

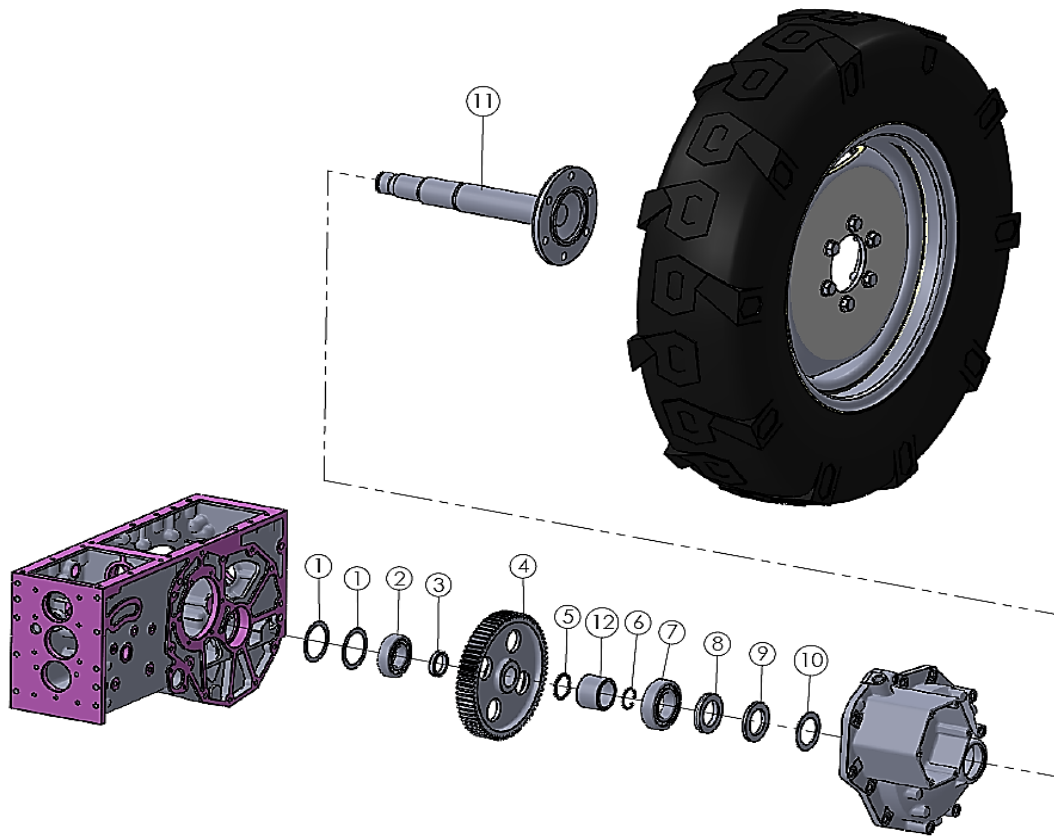
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FIG. 507 BRAKE



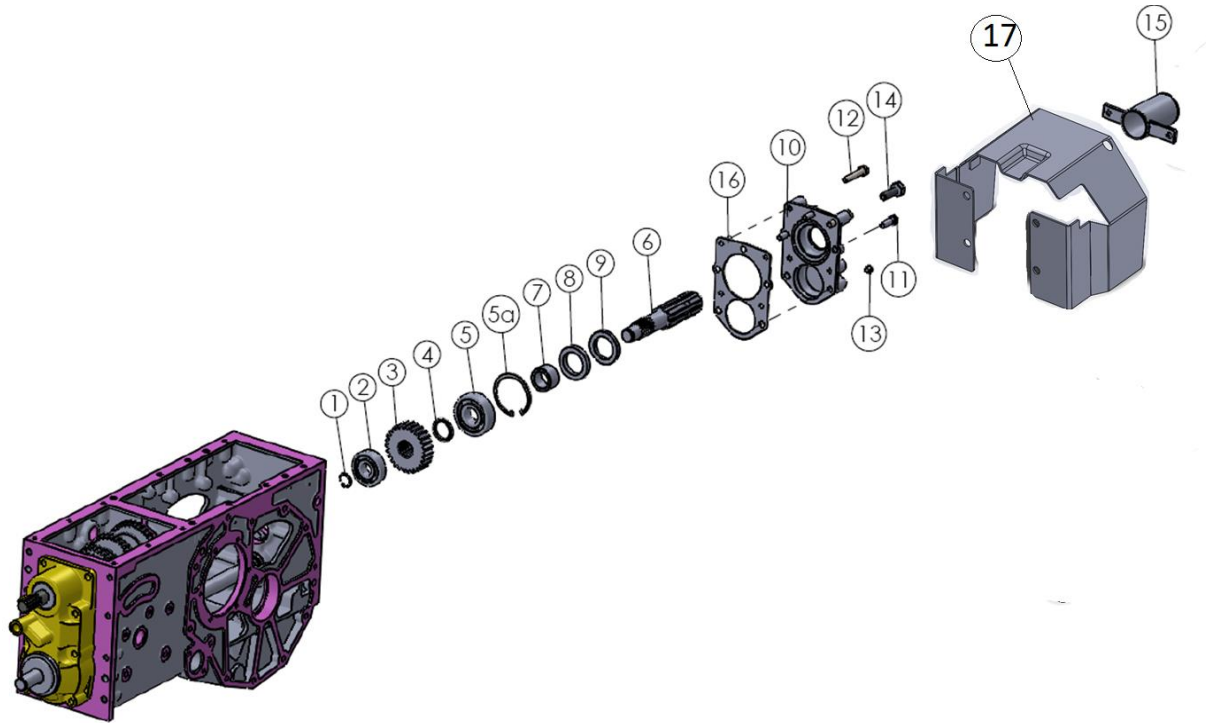
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
1	BCA20C00010A0	18050700131	CAM SHAFT, LH	1	1	1	1		YES
2	MLS0231200GA0	H42609	RETAINER	2	2	2	2		
3	BFA20C00090A0	18050700640	PLATE, stop	2	2	2	2		
4~6	BCA20A00030A0	18050701143	BRAKE SHOE ASSY.	4	4	4	4		
7	BCA20C00040A0	18050700442	RETURN SPRING BRAKE	4	4	4	4		
8	MLS2200000GA0	7400102200	RING, snap	2	2	2	2	Ø22	YES
9	BCA20C00070A0	180507003X0	PLATE, torque	2	2	2	2		YES
10	MRA0182400GA0	8300100180	O-RING	4	4	4	4	Ø18	YES
11	BCA20C00050A0	18050700743	BRAKE DRUM	2	2	2	2		YES
12	BCA20C00020A0	18050700231	CAMSHAFT, RH	1	1	1	1		YES
13	MGG1270600GA0	10071435000	GASKET	2	2	2	2		YES
14	MBA0802004BA0	M10008020	BOLT, hex. hd.	12	12	12	12	M8X20	YES
14a	MWL0802003GA0	M30408	WASHER, spring	12	12	12	12	M8	YES

FIG. 508 FINAL SHAFT



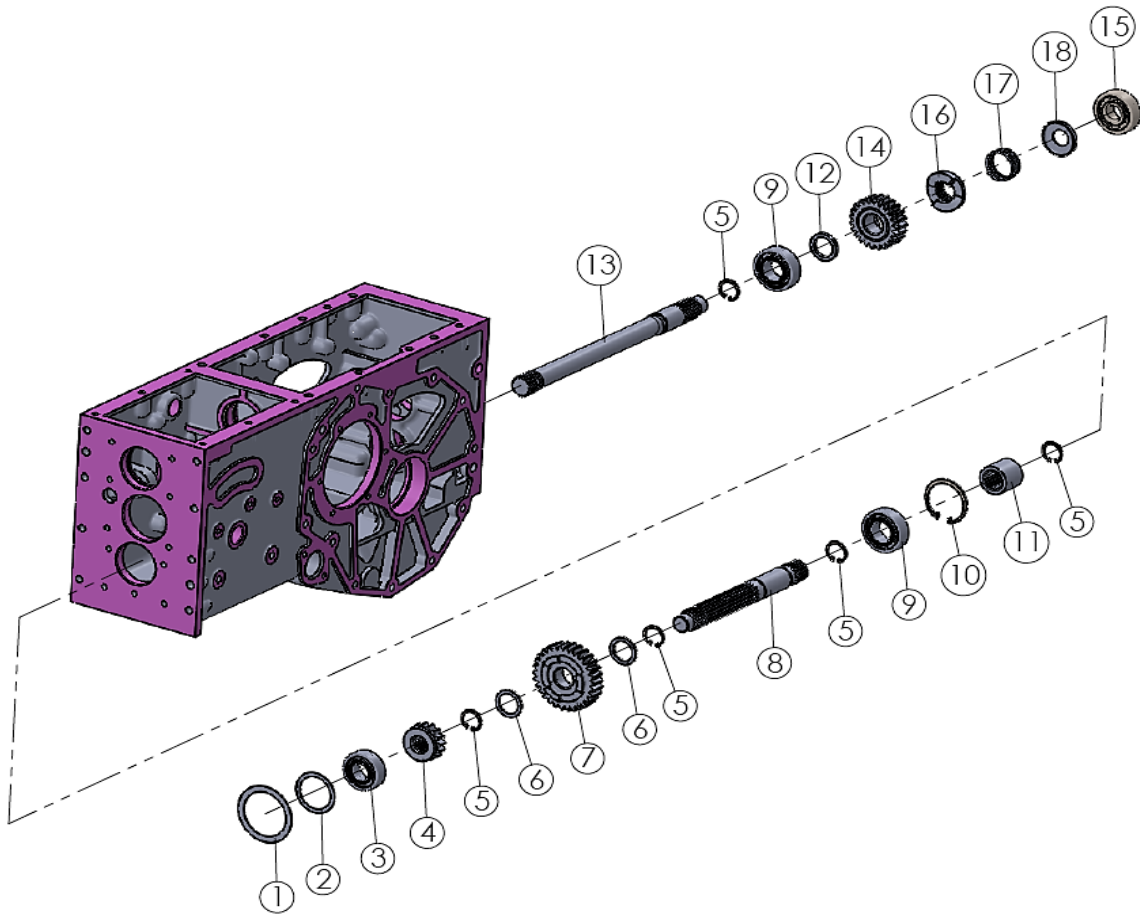
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
1	MGG5600400BA0	7300007204	LINER	AR	AR	AR	AR	t=0.4	YES
1a	MGG5600800BA0	7300007208	LINER	AR	AR	AR	AR	t=0.8	YES
2	MEB0000000GA0	M5706207	BEARING	2	2	2	2	6207	YES
3	BCA12C00200A0	19861218000	COLLAR 'A'	2	2	2	2		YES
4	BCB12C00010A0	10071502002	GEAR 70T	2	2	2	2		YES
5	MLS6202000GA0	7410006200	RING, snap	2	2	2	2	Ø40	NO
6	MLS0331500BA0	7400003500	RING, snap	2	2	2	2	Ø35	YES
7	MEB0000001GA0	M5706209	BEARING	2	2	2	2	6209	YES
8	MGG4509000GA0	8401045689	SEAL, oil	2	2	2	2	TC45689	YES
9	MGG4506000GA0	8400045686	SEAL, oil	2	2	2	2	VC45689	YES
10	MWG4701600GA0	11351506000	WASHER	2	2	2	2		YES
11	BCA12C00220A0	19981501001	SHAFT, final	2	2	2	2		YES
12	BCA12C00210A0	19861219000	COLLAR 'B'	2	2	2	2		YES

FIG. 509 P.T.O. SHAFT



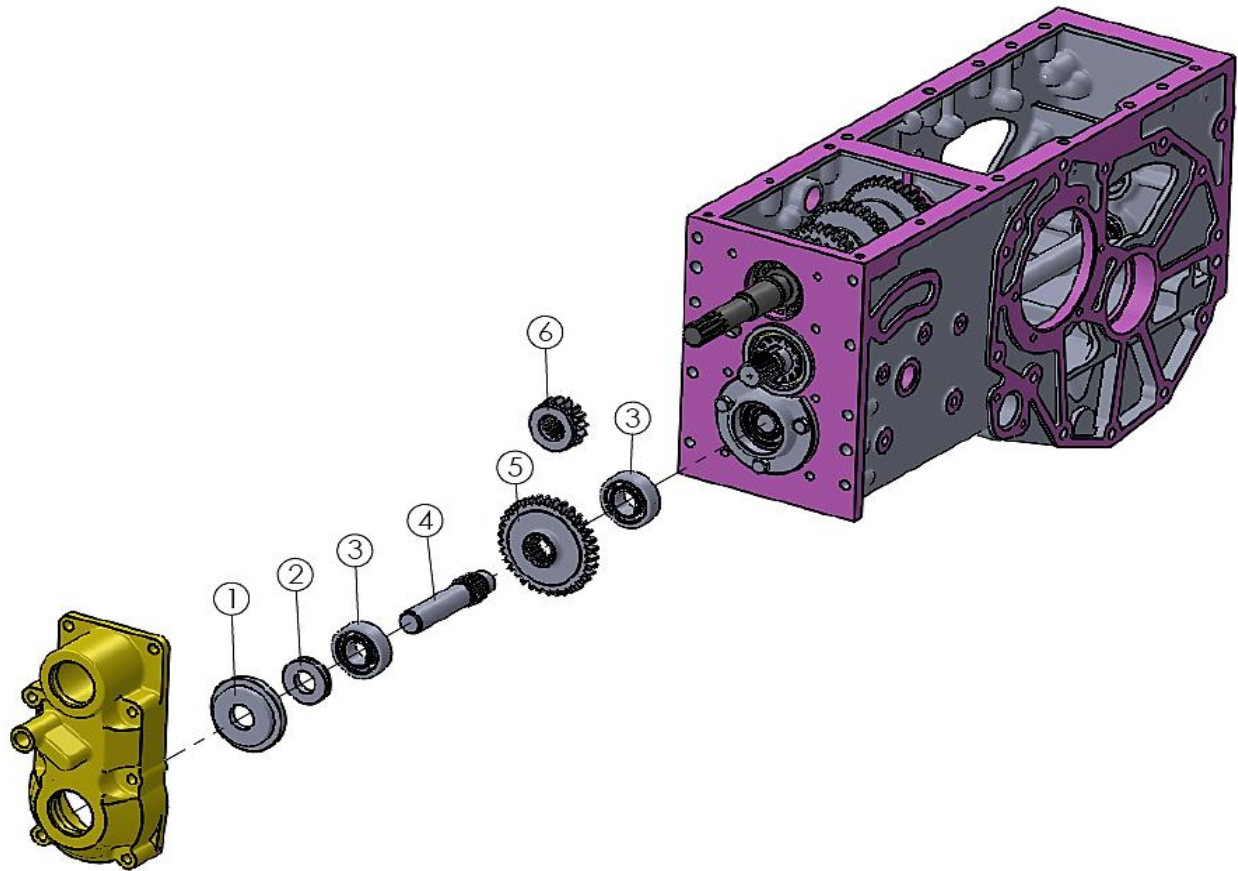
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
1	MLS0231200GA0	H42609	RING, snap	1	1	1	1	Ø20	YES
2	MEB2015000GA0	A932505C	BEARING	1	1	1	1	6304	YES
3	BCA12C00230A0	10071652001	GEAR 27T	1	1	1	1		YES
4	BCA12C00320A0	44463213000	COLLAR	1	1	1	1		YES
5	MEB2517000GA0	7500063055	BALL BEARING 6305N	1	1	1	1	6305NR	YES
5a	MRG0591600GA0	18050900240	SNAP RING	1	1	1	1		YES
6	BCA12C00260A0	19741651002	SHAFT, pto	1	1	1	1		YES
7	BCA12C00270A0	19741654000	BUSHING	1	1	1	1		YES
8	MGG3508000GA0	8401035508	SEAL, oil	1	1	1	1	TC35508	YES
9	MGG3506000GA0	8400035506	SEAL, oil	1	1	1	1	VC35506	YES
10	BCA12C00280A0	19741656001	COVER	1	1	1	1		YES
11	MBA0802504BA0	M10008025	BOLT, hex. hd.	3	3	3	3	M8X25	YES
11a	MWL0802003GA0	M30408	WASHER, spring	3	3	3	3	M8	YES
12	MBA0804504BA0	M10008045	BOLT, hex. hd.	2	2	2	2	M8X45	YES
12a	MWL0802003GA0	M30408	WASHER, spring	2	2	2	2	M8	YES
14	MBA1203503BA0	M10012035	BOLT, hex. hd.	4	4	4	4	M12X35	YES
14a	MWL1203002GA0	M30412	WASER, spring	4	4	4	4	M8	YES
15	BCA12C00250A0	18050900430	PTO SHAFT COVER	1	1	1	1		YES
16	MGG0000401GA0	18050900640	GASKET, Cover PTO	1	1	1	1		YES
17	JDA12C00000A0	JDA12C00000A	P.T.O COVER PAINTED	1	1	1	1		YES

FIG. 510 P.T.O. SUB SHAFT



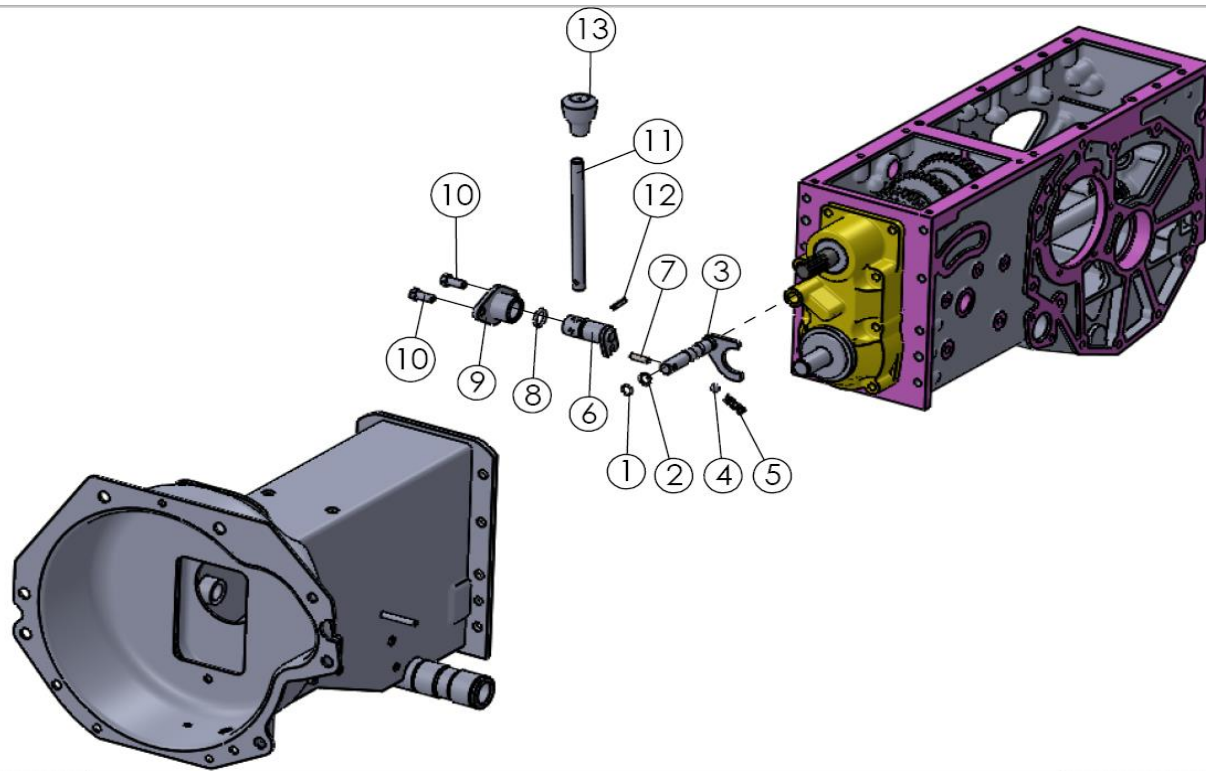
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
1	MGG4101000BA0	7300005210	LINER	1	1			t=1.0	YES
2	MGG4100400BA0	7300005204	LINER	AR	AR			t=0.4	YES
3	MEB2015000GA0	A932505C	BEARING	1	1			6205	YES
4	BCA12C00390A0	18051000230	GEAR 26T	1	1				YES
5	MLS0231200GA0	H42609	RING, snap	5	5			Ø25	YES
6	MGG0002000GA0	13521608000	LINER 'E', THRUST	2	2				YES
7	BCA12C00360A0	10071603001	GEAR 30T	1	1				YES
8	BCA12C00340A0	10071601002	SHAFT	1	1				YES
9	MEG2515001GA0	A932502D	BEARING	2	2			6205	YES
10	MLS5202000GA0	7410005200	RING, snap	3	3			Ø52	YES
11	BCA12C00370A0	11351604002	COLLAR	1	1				YES
12	BCA12C00410A0	19741612000	COLLAR	1	1				YES
13	BCA12C00400A0	19741611002	SHAFT	1	1				YES
14	BCA12C00450A0	19861602003	GEAR 23T	1	1				YES
15	MEB2015000GA0	A932505C	BEARING	1	1			6304	YES
16	BCA12C00420A0	19821613003	SLEEVE	1	1				YES
17	BCA12C00430A0	19821614001	SPRING	1	1				YES
18	BCA12C00440A0	19821615000	HOLDER, spring	1	1				YES

FIG~ 511 MID P.T.O (1/2)-14WDI



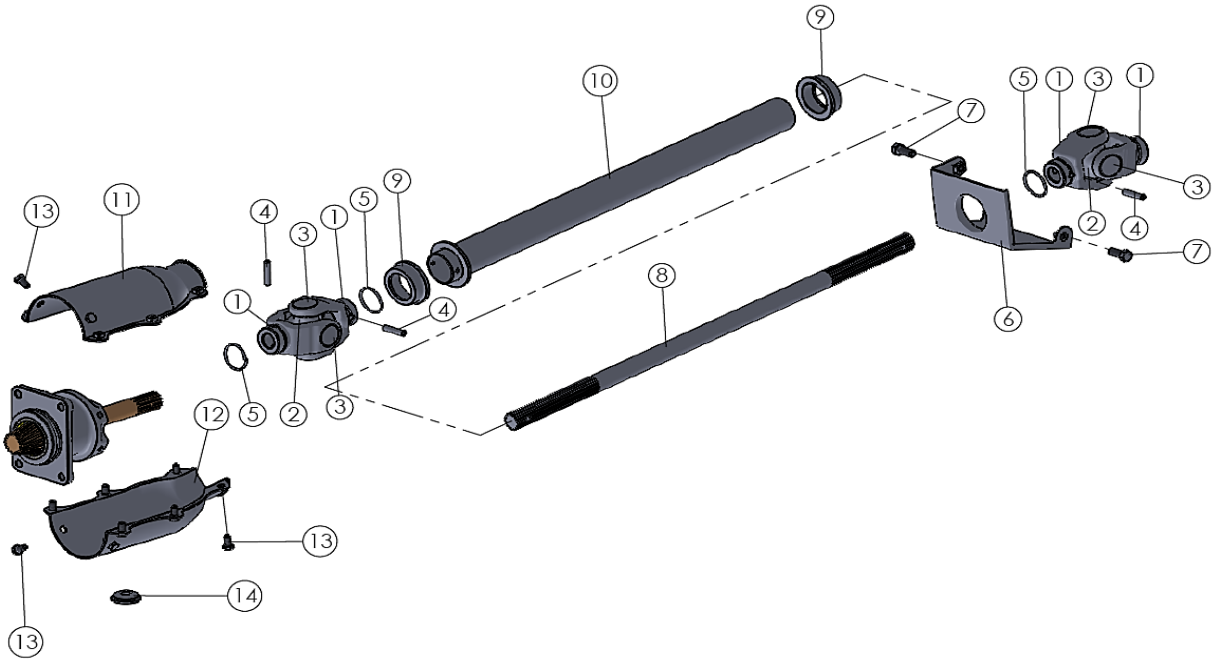
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
1	BCA12C00490A0	10070511000	PACKING	1	1	1	1	TC20407 6204	YES
2	MGG2007000GA0	8401020407	SEAL, oil	1	1	1	1		YES
3	MEG2014000GA0	A932502C	BALL BEARING 6204	2	2	2	2		YES
4	BCA12C00470A0	10070502000	SHAFT, mid PTO	1	1	1	1		YES
5	BED12P00010A0	10070503005	GEAR 32T	1	1	1	1		YES
6	BED12P00000A0	10070501001	GEAR 17T	1	1	1	1		YES

FIG.512 MID P.T.O (2/2) 4WD



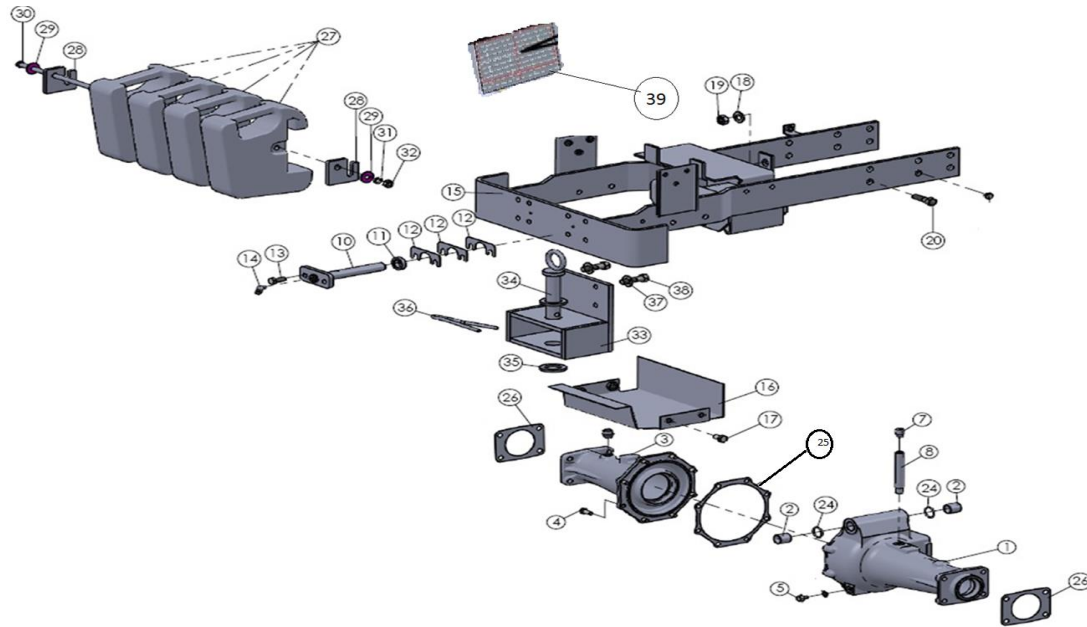
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
1	MRA0101901GA0	8300100101	O-RING	1	1	1	1	Ø10A	YES
2	MLS1400000GA0	7400101400	RING, snap	1	1	1	1	Ø14A	YES
3	BCA12A00170A0	10070506001	SHAFT, shift	1	1	1	1		YES
4	BCA12C00530A0	M420275	BALL, steel	1	1	1	1	11/32"	YES
5	BCA12C00540A0	MA922079000	SPRING	1	1	1	1		YES
6	BCA12C00510A0	10070514001	SHIFTER	1	1	1	1		
7	MPB6002200GA0	5500006022	PIN, spring	1	1	1	1	Ø6X22	YES
8	MRA0182400GA0	8300100180	O-RING	1	1	1	1	Ø18	YES
9	BCA12C00500A0	180512001X0	BRACKET	1	1	1	1		YES
10	MBA0802004BA0	M10008020	BOLT, hex. hd.	2	2	2	2	M8X20	YES
10a	MWL0802003GA0	M30408	WASHER, spring	2	2	2	2	M8	YES
11	BCA11C00010A0	BCA11C00010A	4WD-2WD LEVER	1	1	1	1		YES
12	MPB5002200GA0	5500005022	PIN, spring	1	1	1	1	Ø5X22	YES
13	BFA12C00120A0	27051200330	KNOB-2WD & 4WD	1	1	1	1		YES
13a	MNA1210000GA0	2707021240	HEXAGON NUT (M12X1.5P)	1	1	1	1	M12X1.5	YES

FIG. 513 PROPELLER SHAFT 4WD



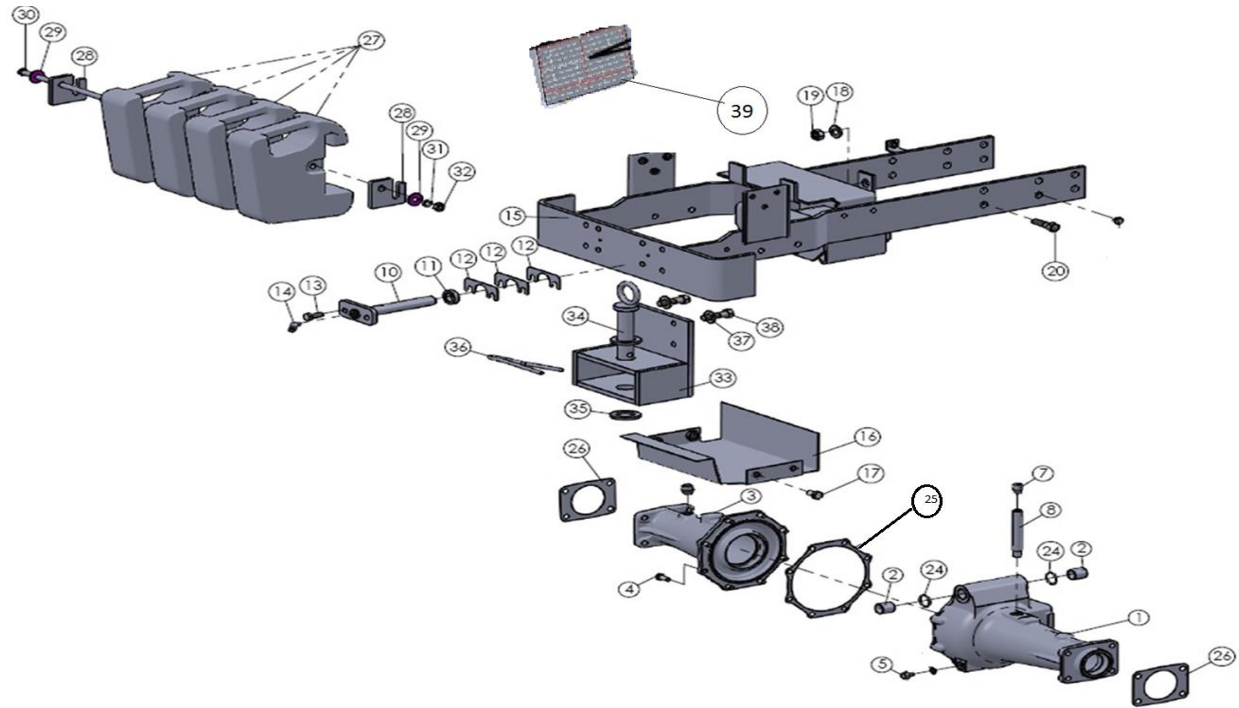
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
1~3	BFA12A00020A0	10070552000	JOINT ASSY.	2	2	2	2	Ø6X28	YES
4	MPA0602800GA0	5401006028	PIN,dowel	2	2	2	2		YES
5	MRG0292000GA0	10070553001	RING SNAP	3	3	3	3		YES
6	BCA12C00660A0	180513007X0	COVER	1	1	1	1		YES
7	MBA0802004BA0	M10008020	BOLT, hex.hd	3	3	3	3	M8X20	YES
7a	MWL0802003GA0	M30408	WASHER, spring	3	3	3	3	M8	YES
8	BCA12C00670A0	19820551000	PROPELLER SHAFT	1	1	1	1		YES
9	BCA12C00570A0	10070560000	CUSHION, rubber	2	2	2	2		
10	BCA12C00630A0	180513004X0	COVER PROPELLER SHAFT	1	1	1	1		YES
11	BCA12C00640A0	180513005X0	COVER, upper	1	1	1	1		YES
12	BCA12C00650A0	180513006X0	COVER, lower	1	1	1	1	M6X12	YES
13	MBA0601201BA0	M10006012	BOLT, hex. hd.	10	10	10	10		YES
13a	MWL0601502BA0	M30406	WASHER, spring	10	10	10	10		YES
13b	MWA0701000BA0	M30006	WASHER, plain	4	4	4	4		YES
14	BCA12C00590A0	18051300141	RUBBER, grommet	1	1	1	1	M6	YES

FIG. 601 AXLE HOUSING & CHASSIS (4WD)



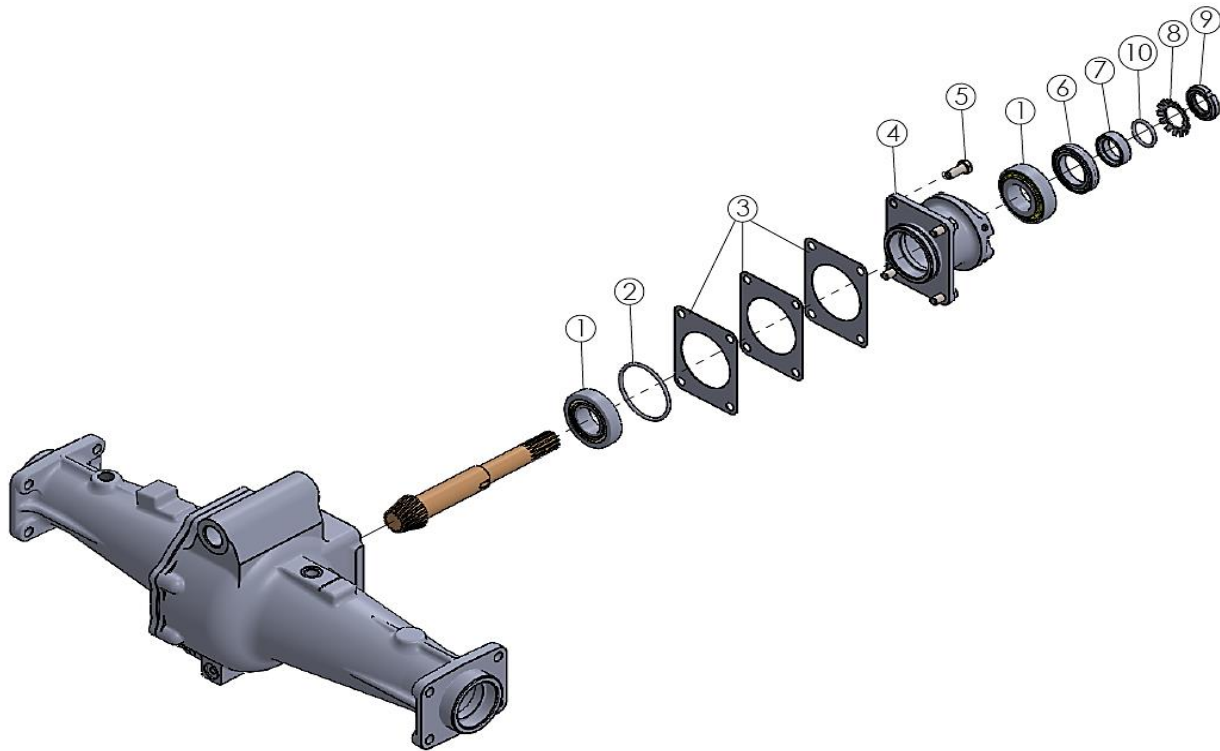
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable	
				180D		224D				
				MS	PS	MS	PS			
1	BCA18A00000A0	10070611003	HOUSING A, axle	1	1	1	1		YES	
2	BCA13C00150A0	5605002025	BUSHING	4	4	4	4		YES	
3	BCA18C00010A0	10070612001	HOUSING B, axle	1	1	1	1		YES	
4	MBA0802504BA0	M10008025	BOLT, hex. hd	8	8	8	8		YES	
4a	MWL0802003GA0	M30408	WASHER, spring	8	8	8	8		YES	
5	MUG0800001GA0	27403214200	PLUG	1	1	1	1		YES	
6	MGG0000008GA0	F420208000	GASKET	1	1	1	1			
7	MUG1200000GA0	11190621000	PLUG, vent	1	1	1	1			YES
8	BCA18C00020A0	10070656001	PIPE	1	1	1	1			YES
10	BCA18C00160A0	180601006X0	SHAFT, center	1	1	1	1		YES	
11	BCA18C00050A0	11190604001	COLLAR	1	1	1	1		YES	
12	MGS0000018GA0	11190605000	SHIM	AR	AR	AR	AR		t=0.2	YES
12a	MGS0000019GA0	11190605100	SHIM	AR	AR	AR	AR		t=0.6	YES
12b	MGS0000020GA0	11190605200	SHIM	AR	AR	AR	AR		t=1	YES
13	MBA1002502BA0	M10010025	BOLT, hex. Hd	2	2	2	2		M10X25	YES
13a	MWL1002503GA0	M30410	WASHER, spring	2	2	2	2		M10	YES
14	MGN0500800BA0	A6513100301	NIPPLE, grease	1	1	1	1		PT 1/8"	YES
15	JDA02C00030A0	220601005X2	CHASSIS	1	1	1	1			YES
16	BCA18C00080A0	18060100420	BRACKET	1	1	1	1	M10X16		
17	MBA1001601BA0	M10010016	BOLT, hex. hd	4	4	4	4		YES	
17a	MWL1002503GA0	M30410	WASHER, spring	2	2	2	2		M10	YES
18	MWL1403502GA0	M30414	WASHER, spring	2	2	2	2	M14	YES	

FIG. 601 AXLE HOUSING & CHASSIS (4WD)



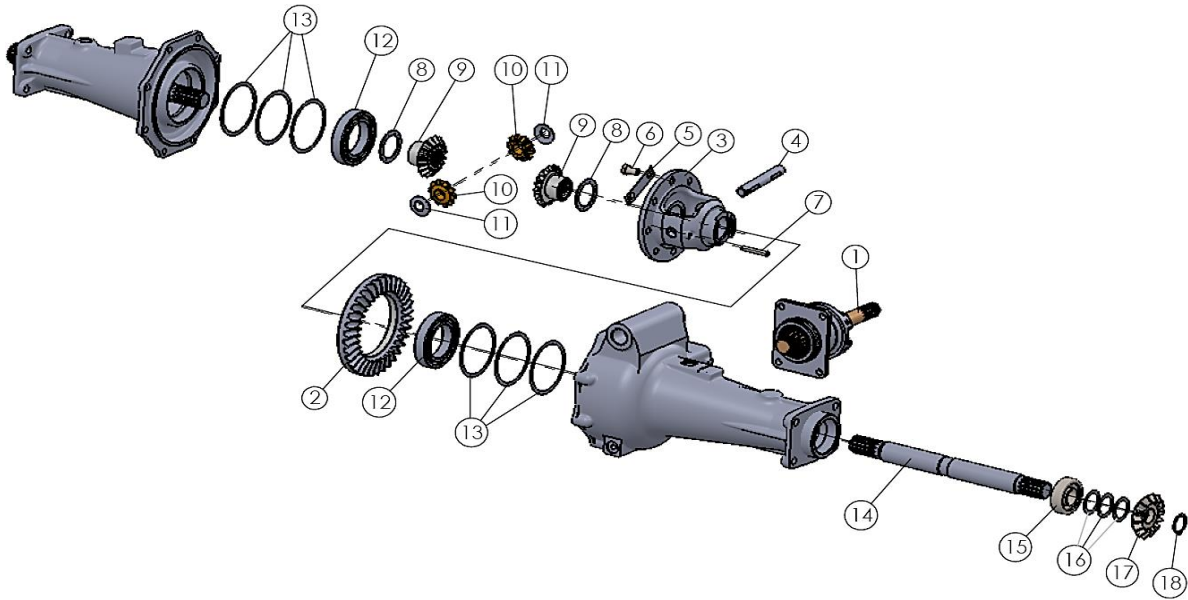
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
19	MNA1411000BA0	M17014	NUT	2	2	2	2	M14	YES
20	MBA1203002BA0	M10012030	BOLT HEX HEAD	12	12	12	12	M12X30	YES
20a	MWL1203002GA0	M30412	WASHER, spring	12	12	12	12	M12	YES
24	BCA18C00130A0	1806010024A	SPACER	1	1	1	1		YES
25	MGG1520400GA0	18060400430	GASKET, Centre Axle Housing A/B	1	1	1	1		YES
26	MGG0680400GA0	18060400540	GASKET, ends Axle housing A/B	2	2	2	2		YES
27	BFE45C00010A0	18130100611	BUMPER WEIGHT	4	4	4	4		YES
28	BCA18C00200A0	18130100840	HOLDER PLATE	1	1	1	1		YES
29	MWA1101600BA0	M30010	WASHER PLAIN	2	2	2	2		YES
30	BCA18C00190A0	P18130100741	BOLT, BUMPER WEIGHT	1	1	1	1		YES
31	MWL1002503GA0	M30410	WASHER SPRING	1	1	1	1		YES
32	MNA1008001BA0	M17010	NUT HEX, HD.	1	1	1	1		YES
33	JEB45C00001A0	EC130600130	HITCH BRACKET	1	1	1	1		YES
34	BEF44A00000A0	EC130600230	HITCH PIN ASSY	1	1	1	1		YES
36	MPS0000001GA0	521013000	PIN,SNAP	1	1	1	1		YES
37	MBA1003002BA0	M10010030	Bolt,Hex Head	4	4	4	4		YES
37a	MWA1101600BA0	M30010	Washer plain	4	4	4	4		YES
37b	MWL1002503GA0	M30410	Washer spring	4	4	4	4		YES
38	MNA1008001BA0	M17010	Nut	4	4	4	4		YES
39	JDB40C00000A0	JDB40C00000A	NAME PLATE (EXPORT TRACTOR-18.5H	1	1	1	1		YES
39A	AMA45C00780A0	220403006X0	RIVET BLIND DIA3.0	6	6	6	6		YES

FIG. 602 FRONT PINION CASE



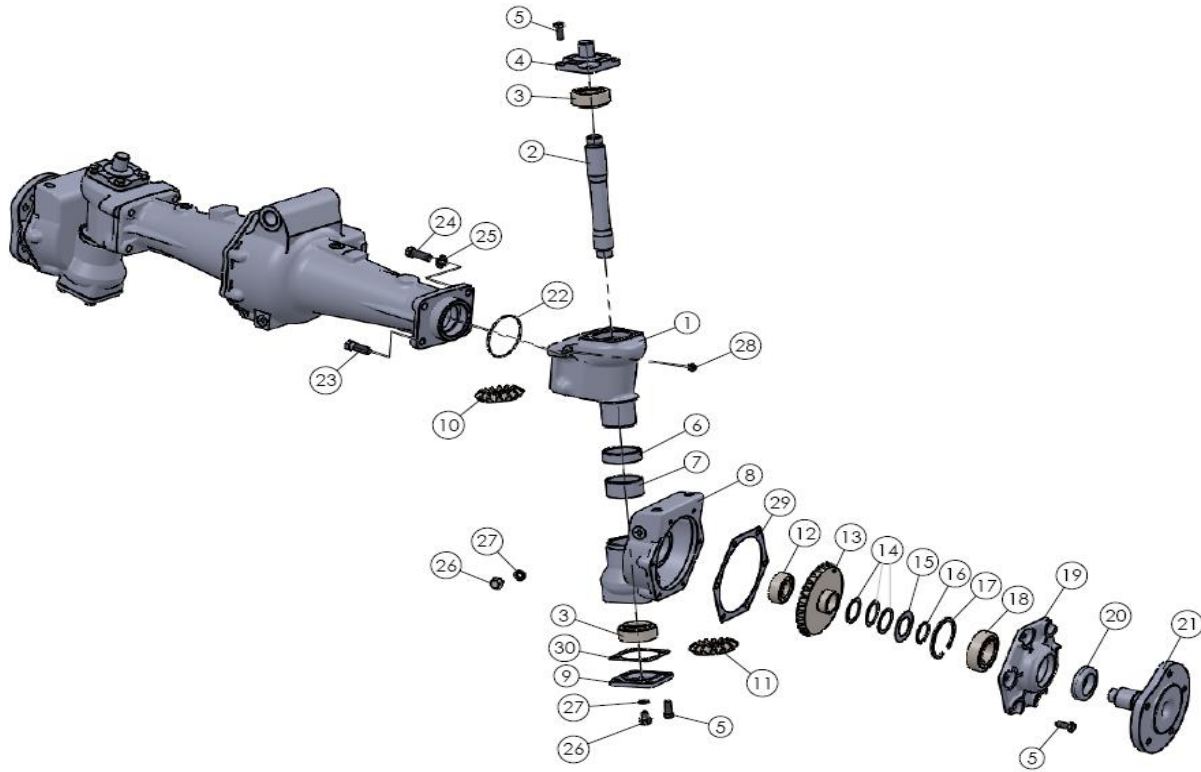
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
1	MER0000000GA0	11351313000	BEARING, taper rollar	2	2	2	2	Ø60 t=0.1 t=0.2 t=0.4	YES
2	MRA0602000GA0	8300500600	O-RING	1	1	1	1		YES
3	MGS0000014GA0	10070605000	SHIM	AR	AR	AR	AR		YES
3a	MGS0000015GA0	10070605100	SHIM	AR	AR	AR	AR		YES
3b	MGS0000016GA0	10070605200	SHIM	AR	AR	AR	AR	M8X25 M8	YES
4	BCA11C00350A0	10070602000	CASE, pinion	1	1	1	1		YES
5	MBA0802504BA0	M10008025	BOLT, hex. hd.	4	4	4	4		YES
5a	MWL0802003GA0	M30408	WASHER, spring	4	4	4	4		YES
6	MGG3509000GA0	8401035529	SEAL, oil	1	1	1	1	M25 M25 Ø25	YES
7	BCA11C00360A0	10212171000	BUSHING	1	1	1	1		YES
8	MEW2501201BA0	3280102501	WASHER, lock	1	1	1	1		YES
9	MEU2507001BA0	A3270102500	NUT	1	1	1	1		YES
10	MRA0253100GA0	8300200250	O-RING	1	1	1	1		YES

FIG. 603 FRONT DIFFERENTIAL



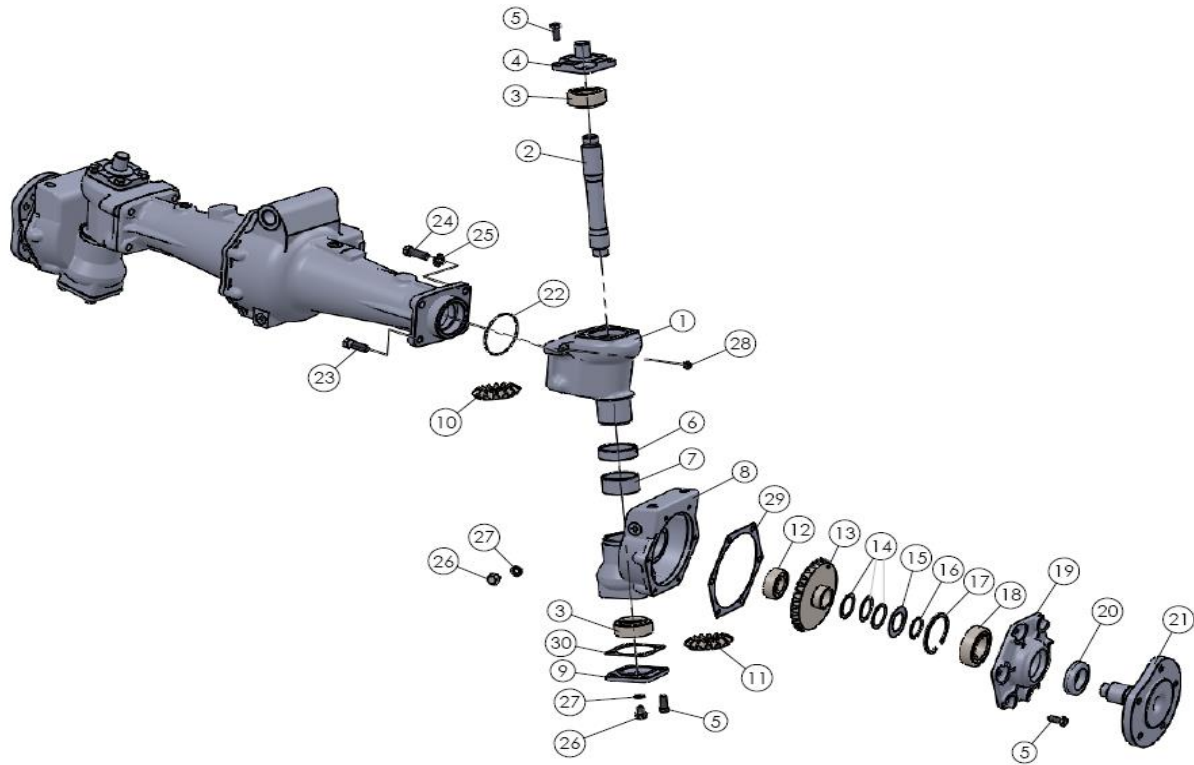
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
1~2	BCA17C00050A0	180603001X0	Crown Wheel Pinion Set FWD	1	1	1	1	M8X16 Ø6X40	YES
3	BCA17C00010A0	10190611000	CASE, diff.	1	1	1	1		YES
4	BCA12C00060A0	10191414000	SHAFT, pinion	1	1	1	1		YES
5	BCA12C00140A0	11351406000	WASHER, lock	4	4	4	4		YES
6	MBA0801602BA0	M10008016	BOLT, hex. hd.	8	8	8	8		YES
7	MPB6004000GA0	5500006040	PIN, spring	1	1	1	1		YES
8	MWZ0000000GA0	10191416000	WASHER, thrust	2	2	2	2		YES
9	BCA12C00050A0	10191413000	GEAR, side	2	2	2	2		YES
10	BCA12C00040A0	10191412000	Pinion Mate 10T	2	2	2	2		YES
11	MWG1400005GA0	10191415000	WASHER, thrust	2	2	2	2		YES
12	MEB5016000GA0	7500060100	BEARING	2	2	2	2	6010	YES
13	MGG0000100GA0	10070618000	LINER	AR	AR	AR	AR	t=0.1	YES
13a	MGG0000201GA0	10070618100	LINER	AR	AR	AR	AR	t=0.2	YES
13b	MGG0000400GA0	10070618200	LINER	AR	AR	AR	AR	t=0.4	YES
14	BCA17C00040A0	19820614000	SHAFT, diff	2	2	2	2	t=0.1 t=0.2 t=0.4	YES
15	MEG2515000GA0	10070626000	BEARING	2	2	2	2		YES
16	MGG0000102GA0	11353016000	LINIER	AR	AR	AR	AR		YES
16a	MGG2600200BA0	7310002502	LINIER	AR	AR	AR	AR		YES
16b	MGG2600400BA0	7310002504	LINIER	AR	AR	AR	AR	t=0.4	YES
17	BCA17C00030A0	19820612000	PINION 14T	4	4	4	4	Ø25	YES
18	MLS0231200GA0	H42609	RING, snap	2	2	2	2		YES

FIG. 604 KING PIN CASE



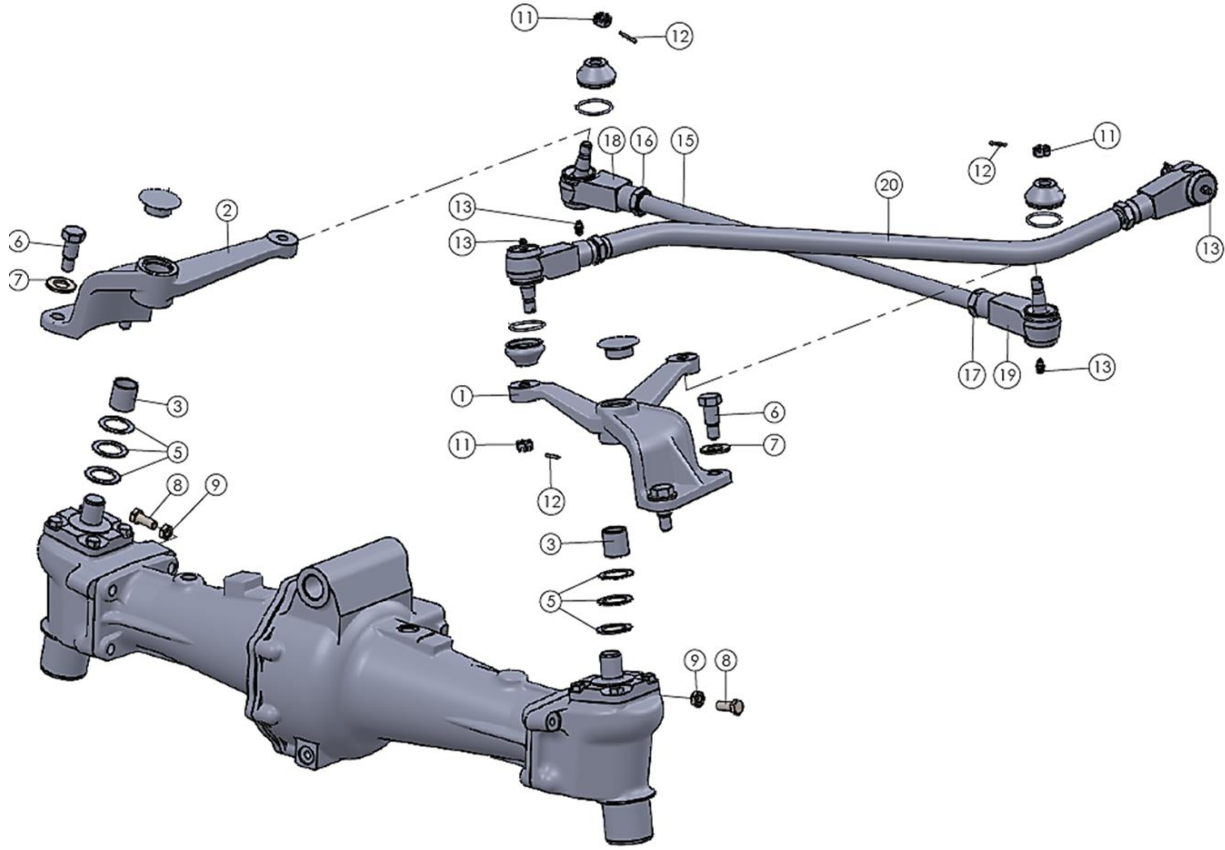
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
1	BCA17C00060A0	10070628001	CASE, king pin	2	2	2	2	30304	YES
2	BCA17C00080A0	10070635000	SHAFT	2	2	2	2		YES
3	MER0000002GA0	7701130304	BEARING, taper roller	4	4	4	4		YES
4	BCA14C01450A0	10070647010	HOLDER	2	2	2	2		YES
5	MBA0802004BA0	M10008020	BOLT, hex.hd.	28	28	28	28	M8X20	YES
5a	MWL0802003GA0	M30408	WASHER, spring	28	28	28	28	M8	YES
6	BCA17C00100A0	10070641001	SEAL, oil	2	2	2	2		YES
7	BCA17C00160A0	5605004525	BUSHING	2	2	2	2		YES
8	BCA17C00070A0	10070634001	CASE, final	2	2	2	2		YES
9	BFA17C00010A0	10070638001	COVER	2	2	2	2		YES
10	BCA17C00030A0	19820612000	PINION 14T	4	4	4	4		YES
11	BCA17C00090A0	10070636000	PINION 15T	2	2	2	2		YES
12	MEG0000011GA0	14401203000	BALL BEARING 6204 C3	2	2	2	2		YES
13	BCA17C00120A0	10070644001	GEAR, bevel 29T	2	2	2	2		YES
14	MGG3100200BA0	7310003001	LINIER	AR	AR	AR	AR	t=0.15	YES
14a	MGG3100201BA0	7310003002	LINIER	AR	AR	AR	AR	t=0.2	YES
14b	MGG3100400BA0	7310003004	LINIER	AR	AR	AR	AR	t=0.4	YES
15	MGG0001000GA0	10190643000	LINIER	2	2	2	2		YES
16	MGG0001000GA0	M18930	RING, snap	2	2	2	2	Ø30	YES
17	MLS6202000GA0	7410006200	RING, snap	2	2	2	2	Ø62	YES
18	MEB3016000GA0	A932502E	BEARING	2	2	2	2	6206	YES
19	BCA17C00110A0	10070642000	HOLDER, bearing	2	2	2	2		YES
20	MGG3512000GA0	8412355212	SEAL, oil	2	2	2	2		YES
21	BCA17C00150A0	19820611001	SHAFT, wheel	2	2	2	2		YES
22	MRA0652000GA0	8300500650	O-RING	2	2	2	2	Ø65	YES

FIG. 604 KING PIN CASE page 70



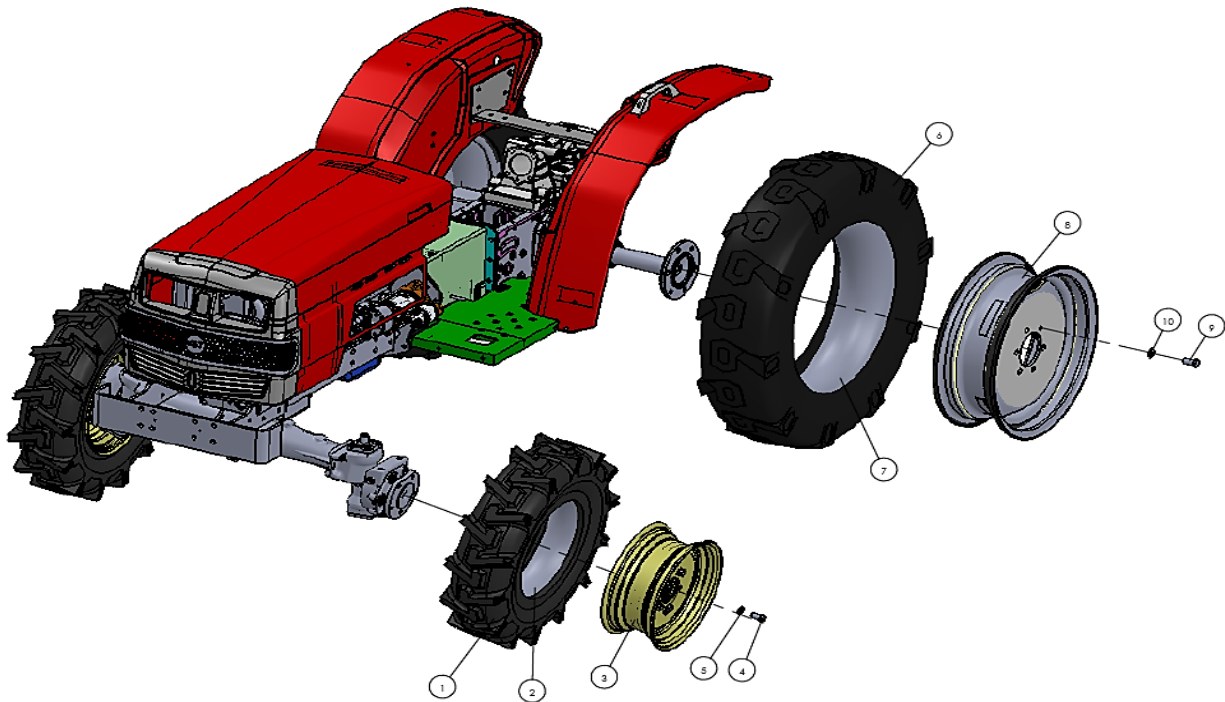
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
23	MBA1003001GA0	11190684000	BOLT, reamer	4	4	4	4	M10	YES
24	MBG0000013GA0	11190684100	10t Hexagonal Bolt	4	4	4	4		YES
25	MWL1002503GA0	M30410	WASHER, spring	4	4	4	4		YES
26	MUG0800001GA0	27403214200	PLUG	4	4	4	4		YES
27a	MWN0701600GA0	8330000801	WASHER, seal	4	4	4	4	∅8	YES
27	MGG0000008GA0		Gasket	4	4	4	4		YES
28	MUG0700000GA0		PLUG	2	2	2	2		YES
29	MGG0000005GA0		gasket - Holder Bearing	2	2	2	2		YES
29	BCA17C00170A0	18060400630	Gasket - Bearing Holder	2	2	2	2		YES
30	MGG0000005GA0	18060400740	Gasket - Holder	2	2	2	2		YES

FIG. 605 TIE ROD & DRAG LINK



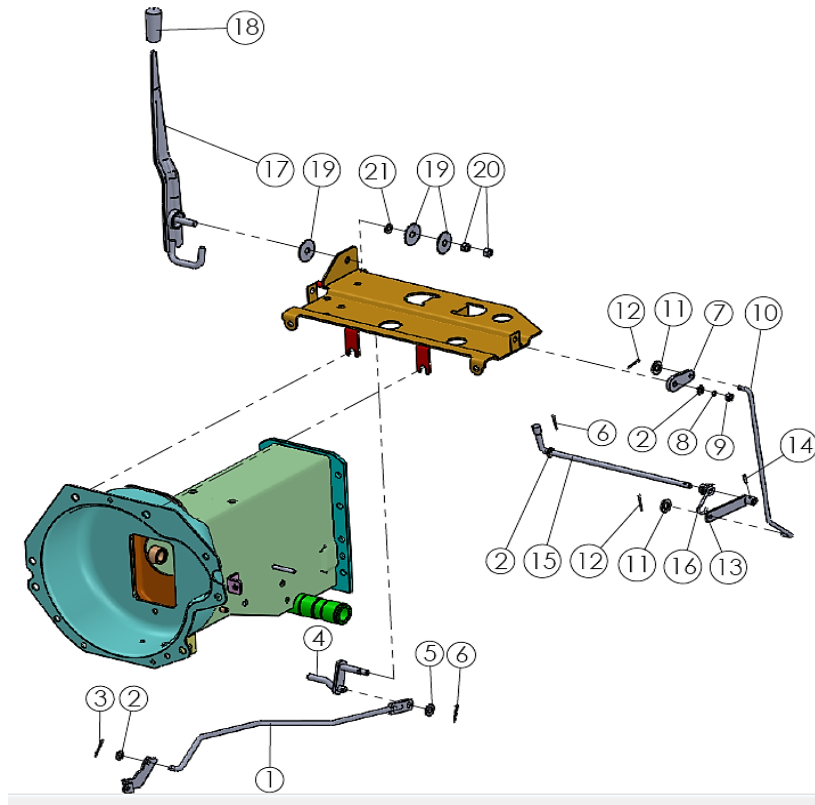
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
1	BCA13C00130A0	10070648000	ARM, knuckle	1	1	1	1	t=1.4 t=1.2 t=0.8 M12X35 M14 M10 Ø 2.0X25	YES
2	BCA13C00140A0	10070649000	ARM, tie rod	1	1	1	1		YES
3	MGG0000041GA0	560502025	BUSHING	2	2	2	2		YES
4	MUG0000019GA0		Plug	2	2	2	2		YES
5	MGG0001400BA0	14381304000	LINER-C, thrust	AR	AR	AR	AR		YES
5a	MGG0001200BA0	14381305000	LINER-D, thrust	AR	AR	AR	AR		YES
5b	MGG0000800BA0	14381305100	LINER-E, thrust	AR	AR	AR	AR		YES
6	MBA1203502BA0	A1620112035	BOLT, reamer	4	4	4	4		YES
7	MWL1403502GA0	M30414	WASHER, spring	4	4	4	4		YES
8	MBA0802504BA0	M10008025	Bolt Hex. Head	2	2	2	2		YES
9	MNA0806000BA0	M17008	NUT	2	2	2	2		YES
10	MLS0000001GA0	11190694000	RING, SNAP	1	1	1	1	M10 Ø 2.0X25	YES
11	MNA1210003GA0	M17512Z1	NUT, slotted	4	4	4	4		YES
12	MTG2502500BA0	5200125025	PIN, SPLIT	4	4	4	4		YES
13	MGN0600400BA0	A6500100600	NIPPLE, GREASE	4	4	4	4		YES
14	BFA13C00320A0	11190693000	COVER, dust	1	1	1	1		YES
15	BCA13A00030A0	18060500522	TIE ROD ASSY	1	1	1	1		YES
16	MNA1210002BA0	M17012	NUT	1	1	1	1		YES
17	MNA1210002BA0	M17012	NUT	1	1	1	1		YES
18-19	BCA97C00320A0	11190686687X0K0	TIE ROD END SET	set	set	set	set		YES
		DRAG LINK							
20	BCA13A00040A0	18060500612	DRAG LINK ASSY.	1		1			YES
20	BFA13A00110A0	27060500100	DRAG LINK ASSY.		1		1		

FIG. 606 FRONT & REAR WHEEL AG TIRE



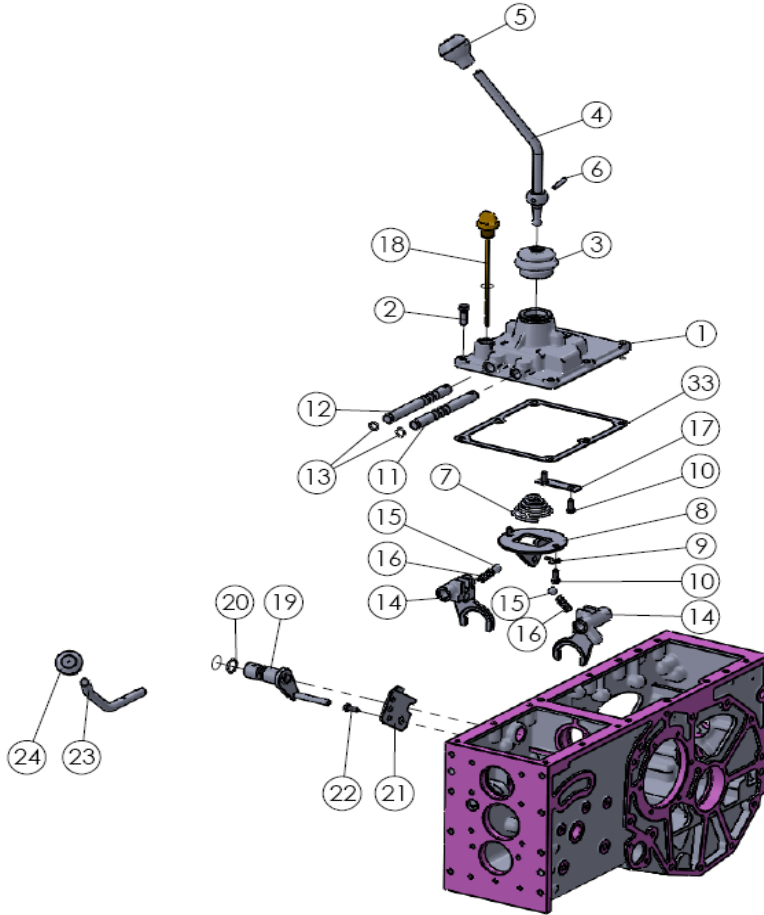
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
1	BCA19C00010A0	FRONT WHEEL BCA19C00010A	TYRE & TUBE ASSY 5X12	2	2	2	2	5-12 4PR	YES
2	JDA19P00000A0	JDA19P00000A	TUBE 500X12 SPARE	2	2	2	2	5-12 4PR	YES
3	BCA19C00080A0	180606001X0	WHEEL RIM FRONT PAINTED (5X12 SILV	2	2	2	2	5-12 4PR	YES
4	MBA1202501BA0	M10012025	BOLT. hex. hd.	12	12	12	12	M12x25	YES
5	MWL1203002GA0	M30412	WASHER, spring	12	12	12	12	M12	YES
6	BCA19C00000A0	REAR WHEEL BCA19C00000A	TYRE & TUBE ASSY 8X18	2	2	2	2	8-18 4PR	YES
7	JDA19P00020A0	JDA19P00020A	TUBE 800X18 (BKT) SPARE	2	2	2	2		YES
8	BCA19C00090A0	180606002X0	WHEEL RIM REAR PAINTED (8X18 SILV	2	2	2	2		YES
9	MBA1403004BA0	M10014030	BOLT, hex. hd.	12	12	12	12	M14x30	YES
10	MWL1403502GA0	M30414	WASHER, spring	12	12	12	12	M14	YES

FIG. 701 ENGINE CONTROL



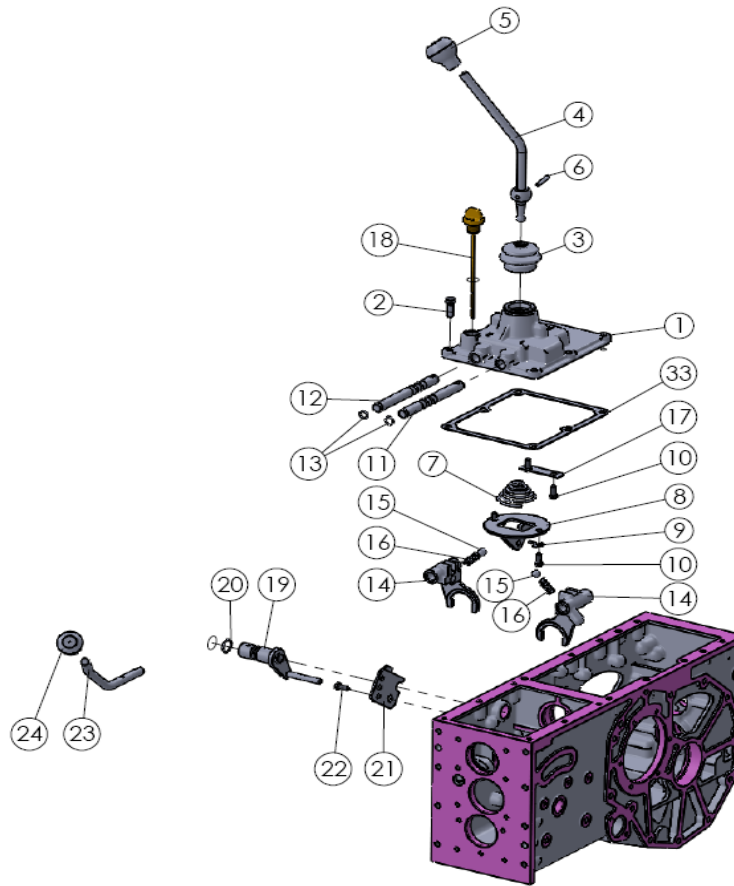
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
1	BCA02C00120A0	19820202005	ROD, control	1	1	1	1	Ø8	YES
2	MWA0801602GA0	M30008	WASHER, Plain	3	3	3	3		YES
3	MPS1627700BA0	5210108000	PIN, snap	1	1	1	1		YES
4	BCA02C00130A0	19830223002	LINK, control	1	1	1	1		YES
5	MWA1101600BA0	M30010	WASHER, plain	1	1	1	1	M10	YES
6	MTG2001500BA0	5200120015	PIN, split	2	2	2	2	Ø2.5x16	YES
7	BCA02C00070A0	10190219001	ARM	1	1	1	1	M8	YES
8	MWL0802003GA0	M30408	WASHER, spring	1	1	1	1		YES
9	MNA0806000BA0	M17008	NUT	1	1	1	1		YES
10	BCA02C00100A0	10190229001	ROD	1	1	1	1		YES
11	MWA0701000BA0	M30006	WASHER, plain	2	2	2	2	M6	YES
12	MTG2001500BA0	5200120015	PIN, split	2	2	2	2	Ø2.0x16	YES
13	BCA02C00110A0		ARM	1	1	1	1	Ø3.0x16	
14	MPB3001600GA0	5500003016	PIN, spring	1	1	1	1		YES
15	JDA31C00000A0	JDA31C00000A	ACCEL PEDAL	1	1	1	1		YES
16	BCA02C00090A0	10190228001	SPRING	1	1	1	1		YES
17	BCA02C00140A0	180701002X0	Lever Engine Control Painted	1	1	1	1		YES
18	BCA02C00060A0	27724043000	GRIP	1	1	1	1		YES
19	BCA02C00050A0	19820204000	SPRING	3	3	3	3		YES
20	MNA1008001BA0	M17010	NUT	2	2	2	2	M10	YES
21	MWA1101600BA0	M30010	WASHER, plain	1	1	1	1	M10	YES

FIG. 702 TRANSMISSION SHIFTER



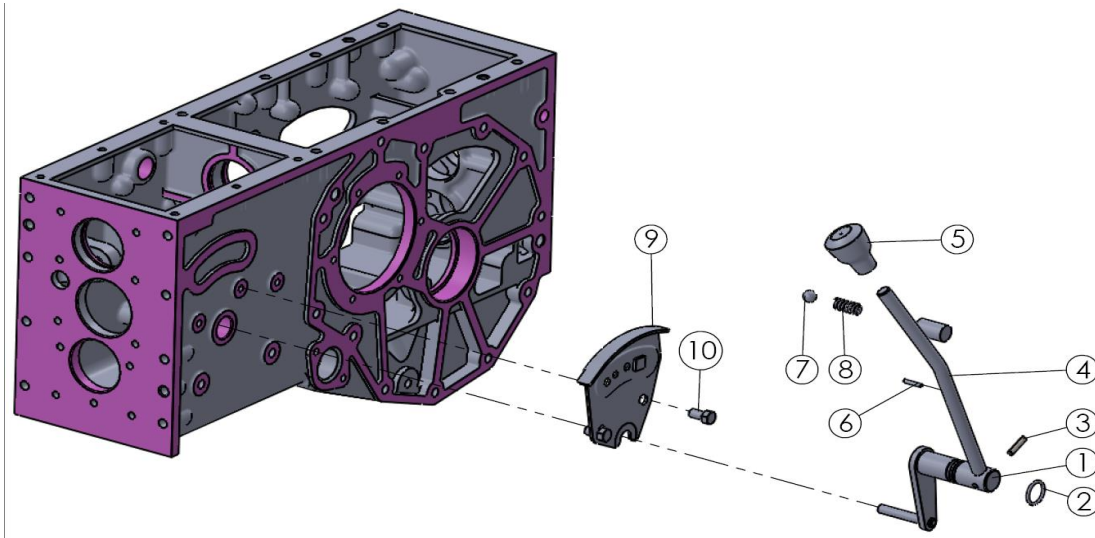
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
1	BCA11C00430A0	11351709011	COVER, shifter	1	1	1	1	M8x25 M8	YES
2	MBA0802504BA0	M10008025	BOLT, hex.hd.	2	2	2	2		YES
2a	MWL0802003GA0	M30408	WASHER, spring	2	2	2	2		YES
3	BCA11C00440A0	11351715001	CAP, rubber	1	1	1	1		YES
4	BCA11C00030A0	BCA11C00030A	LEVER (MAIN GEAR)	1	1	1	1	YES	
5	BCA11C00050A0	BCA11C00050A	GEAR LEVER KNOB	1	1	1	1	YES	
5a	MNA1210000GA0	27070201240	HEXAGON NUT (M12X1.5P)	1	1	1	1	M12X1.5	YES
6	MPB5003600GA0	5500005036	PIN, spring	1	1	1	1	Ø5x36	YES
7	BCA11C00500A0	36101361000	SPRING SPIRAL	1	1	1	1	YES	
8	BCA11C00420A0	11351706000	BRACKET	1	1	1	1	YES	
9	MWG0900500GA0	11351718000	WASHER	2	2	2	2	YES	
10	MBA0801602BA0	M10008016	BOLT, hex. hd.	4	4	4	4	M8x16	YES
11	BCA11C00400A0	11351702000	SHIFT SHAFT LH	1	1	1	1	YES	
12	BCA11C00390A0	11351701000	SHIFT SHAFT RH	1	1	1	1	YES	
13	MRA0101901GA0	8300100101	O-RING	2	2	2	2	Ø10	YES
14	BCA11C00410A0	11351703011	FORK, shift	2	2	2	2	YES	
15	BCA12C00530A0	M420275	BALL, steel	3	3	3	3	11/32"	YES
16	BCA12C00540A0	MA922079000	SPRING	4	4	4	4	YES	
17	BCA12C00140A0	11351406000	STOPPER-B	1	1	1	1	YES	

FIG. 702 TRANSMISSION SHIFTER page 76



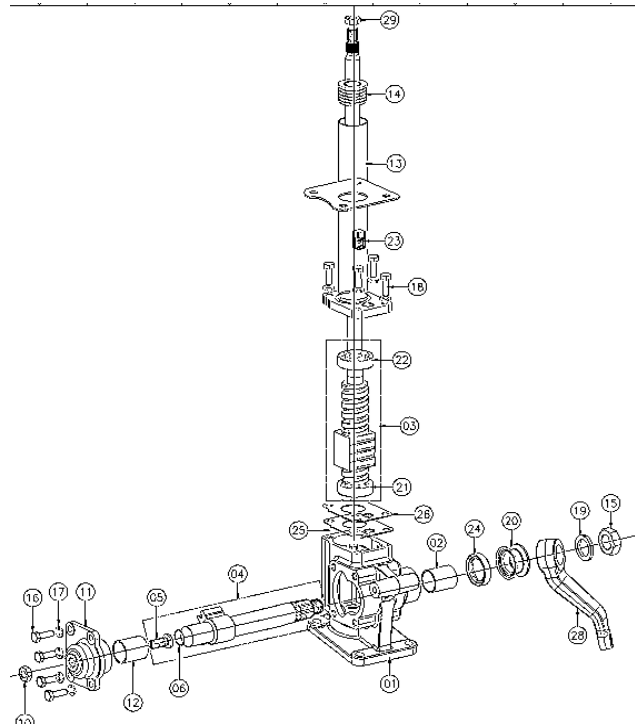
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
18	BCA11C00520A0	27070204920P0	DIP STICK	1	1			Ø18	YES
19	BFC11C00030A0	19821711002	SHIFTER SUB CHANGE	1	1				YES
20	MRA0182400GA0	8300100180	O-RING	1	1				YES
21	BCA11C00460A0	19821713001	PLATE	1	1				YES
22	MBA0801602BA0	M10008016	BOLT, hex. hd.	1	1			M8x16	YES
22a	MWL0802003GA0	M30408	WASHER, spring	1	1			M8	YES
22b	MWA0801602GA0	M30008	WASHER, plain	1	1			M8	YES
23	BCA11C00020A0	BCA11C00020A	HIGH LOW LEVER	1	1				YES
24	BEF11C00050A0	27070201930	HIGH/LOW LEVER KNOB	1	1				YES
24a	MNA1210000GA0	27070201240	HEXAGON NUT (M12X1.5P)	1	1			M12X1.5P	YES
25	MGG0000402GA0	18070200330	GASKET, Shift Cover	1	1				YES

FIG. 703 P.T.O SHIFTER page 77



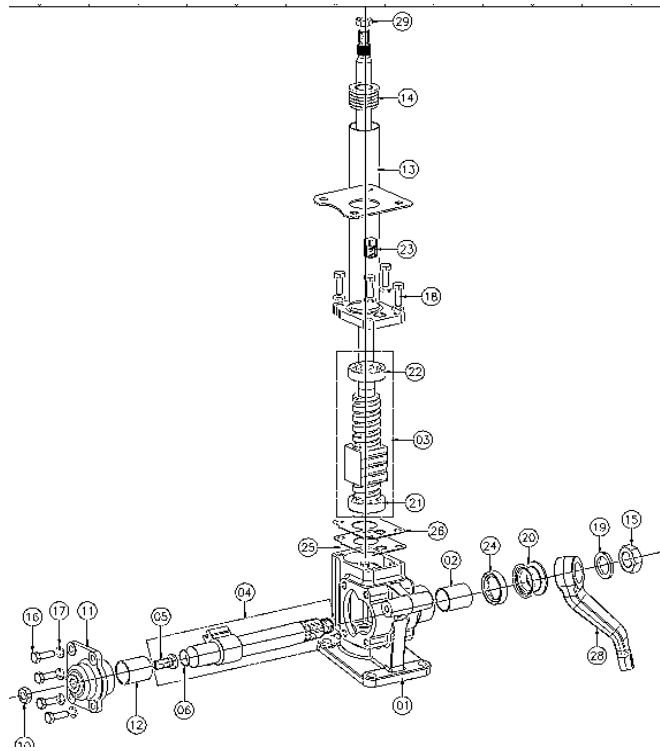
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
1	JDA11C00000A0	JDA11C00000A	SHIFTER	1	1	1	1	Ø18 Ø5X22	yes
2	MRA0182400GA0	8300100180	O-RING	1	1	1	1		yes
3	MPB5002200GA0	5500005022	PIN, spring	1	1	1	1		yes
4	BCA11C00040A0	BCA11C00040A	PTO LEVER	1	1	1	1		yes
5	BFA12C00060A0	27070300430	PTO LEVER KNOB	1	1	1	1	yes	yes
5a	MNA1210000GA0	2707021240	HEXAGON NUT (M12X1.5P)	1	1	1	1	M12X1.5P	yes
6	MPB3001600GA0	5500003016	PIN, spring	1	1	1	1	Ø3X18	yes
7	MGG1100000GA0	8000001100	BALL,steel	1	1	1	1		yes
8	BCA12C00540A0	MA922079000	SPRING	1	1	1	1		yes
9	BCA12C00710A0	18070300120	PLATE	1	1	1	1		yes
10	MBA0801602BA0	M10008016	BOLT,hex, hd	2	2	2	2	M8x16	yes
10a	MWL0802003GA0	M30408	WASHER, spring	2	2	2	2	M8	yes
10b	MWA0801602GA0	M30008	WASHER, plain	2	2	2	2	M8	yes
11	MDG0805300GA0	MDG0805300GA	STUD PTO SENSOR M8X1.25XL53	1	1	1	1		yes

FIG. 704 STEERING SYSTEM (RANE)



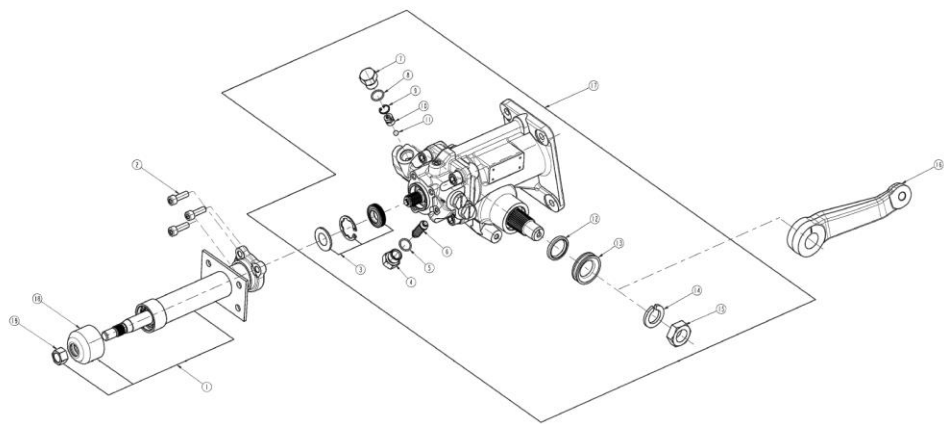
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
1~21	BCA13A00010A0	10192110004	GEAR BOX ASSY.	1		1			YES
1	BFC13A00000A0	180704R01X0	BOX SUB ASSEMBLY (BOX, BUSH)	1		1			YES
2	BFC13C00010A0	180704R02X0	BUSH (BOX)	1		1			YES
3		180704R03X0	INNER COLUMN	1		1			YES
4		180704R04X0	ROCKER SHAFT SUB ASSY	1		1		M8X22	YES
5	BFC13C00020A0	180704R05X0	ADJUSTER SCREW	1		1		M8	YES
6	BFC13C00030A0	180704R06X0	SHIM (0.008")	1		1			YES
7	BFC13C00040A0	180704R07X0	SHIM (0.003")	1		1			YES
8	BFC13C00050A0	180704R08X0	INT. CIRCLIP	1		1			YES
9	BFC13C00060A0	180704R09X0	SPACER	1		1			YES
10	BFC13C00070A0	180704R10X0	LOCKNUT (ADJUSTER)	1		1			YES
11	BFC13A00030A0	180704R11X0	COVERPLATE SUB ASSEMBLY (COVER P	1		1			YES
12	BFC13C00080A0	180704R12X0	BUSH (C/P)	1		1			YES
13		180704R13X0	OUTER COLUMN SUB ASSY	1		1			YES
14	BFC13C00090A0	180704R14X0	RUBBER BUSH-OUTER COLUMN	1		1			YES
15	BFC13C00100A0	180704R15X0	LOCK NUT (R/S)	1		1		M10	YES
16		180704R16X0	M8 BOLT (C/P)	4		4			YES
17	BFC13C00120A0	180704R17X0	M8 SPRING WASHER	8		8			YES
18		180704R18X0	M8 BOLT (E/P)	4		4		M20	YES
19	BFC13C00140A0	180704R19X0	SPRING WASHER (R/S)	1		1		M20	YES
20	BFC13C00150A0	180704R20X0	DUST SEAL (R/S)	1		1			YES
21	BFC13A00050A0	180704R21X0	BEARING SUB ASSY	1		1		PT 1/4"	YES

FIG. 704 STEERING SYSTEM (RANE)



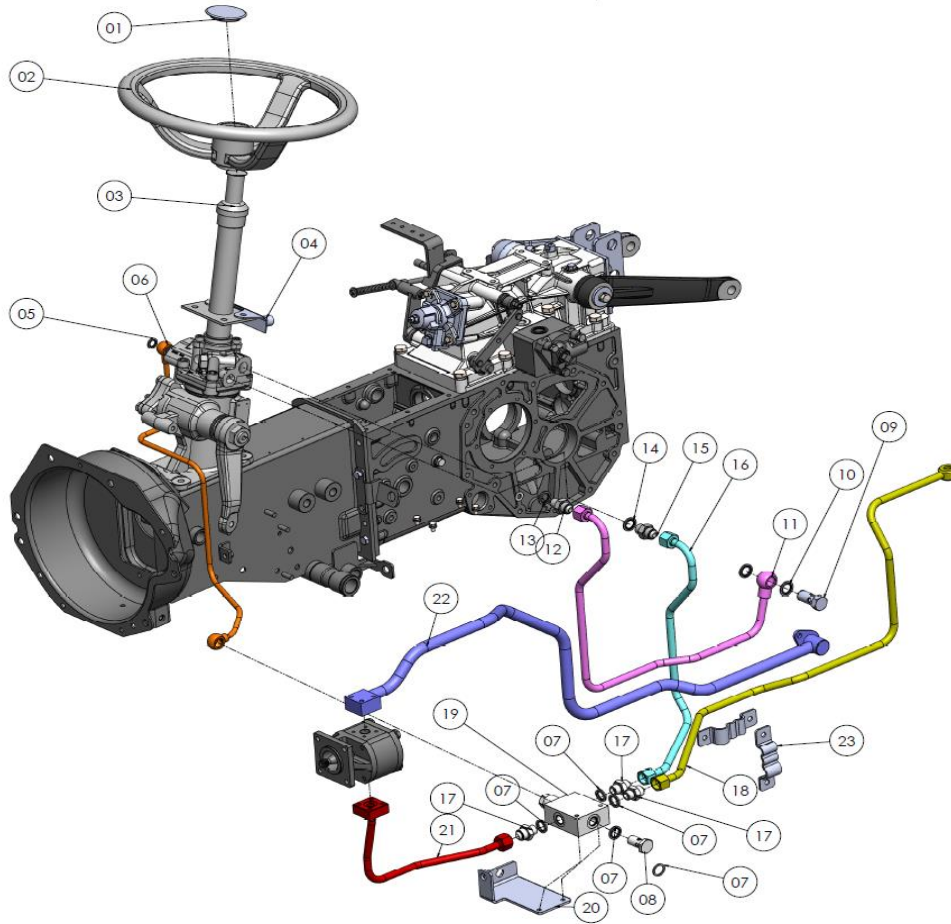
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
22	BFC13A00060A0	180704R22X0	BEARING SUB ASSY	1		1		M14	YES
23	BFC13C00160A0	180704R23X0	OIL PLUG	1		1			YES
24	BFC13C00170A0	180704R24X0	OIL SEAL (R/S)	1		1			YES
25	BFC13C00180A0	180704R25X0	SHIM	1		1		M14	YES
26	BFC13C00190A0	180704R26X0	SHIM	1		1		M14	YES
27	BFC13C00200A0	180704R27X0	SHIM	1		1			YES
28		180704R28X0	DROPARM	1		1			YES
29	BFC13C00220A0	180704R29X0	LOCKNUT	1		1		M10X30	YES
30	BCA13C00110A0	18070400531	CAP STEERING WHEEL	1		1			YES
31	MWL1403502GA0	M30414	SPRING WASHER	1		1			YES
32	BCA97C00390A0	18070400221X0K0	Wheel, Steering	1		1			YES

FIG. 704 STEERING SYSTEM (RANE)



Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
1~21	JDA13P00000A0	JDA13P00000A	Power steering Assy		1		1	BFA13C00260A0	Yes

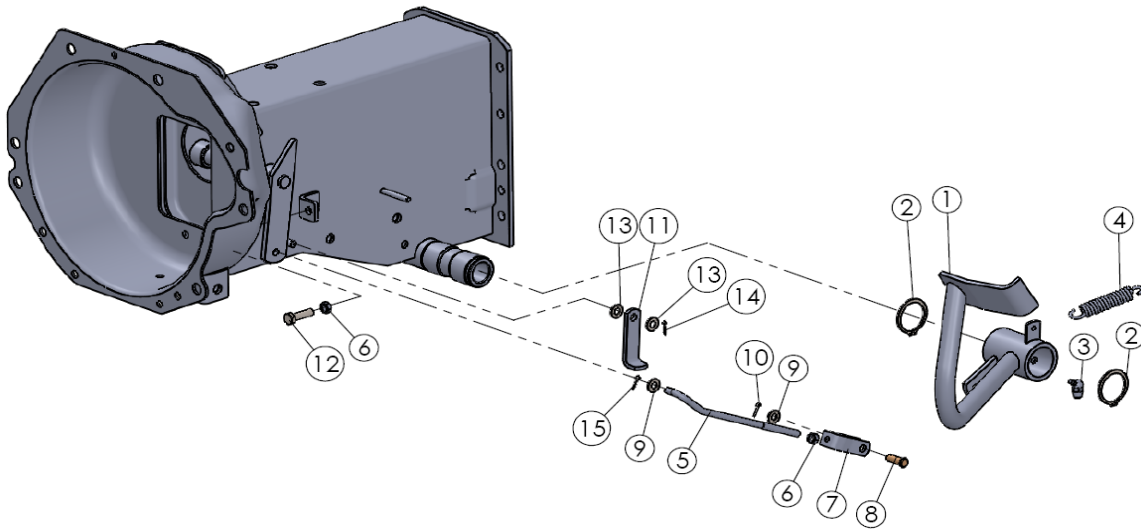
FIG. 704 STEERING SYSTEM (RANE) PAGE 02



Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
1	BCA13C00110A0	18070400531	CAP STEERING WHEEL		1		1		Yes
01a	MWL1403502GA0	M30414	SPRING WASHER		1		1		Yes
2	BFA13C00260A0	270704006X0	Wheel, Steering	1	1	1	1		Yes
2a	BFA13C00140A0	27070402540	Washer steering wheel(power steering)		1		1		Yes
3	JDA13P000000A0	JDA13P000000A	Power steering Assy		1		1		Yes
4	BFA32C00020A0	27040202030	HOLDER (Painted)		1		1		Yes
5	MWN1602000GA0	8330001801	Seal washer		2		2		Yes
6	JDA13C00021A0	JDA13C00020A0	Delivery Pipe Priority Valve (COATED)		1		1		Yes
7	MWN0000009GA0	EC080901240	Seal washer		5		5		Yes
8	JDC98C00000A0	EC080900840	BANJ BOLT (SPOOL VALVE)		2		2		Yes
9	MBG1803800BA0	MBG1803800BB	Banjo bolt		1		1		Yes
10	MWN1602000GA0	8330001801	Seal washer		2		2		Yes
11	JDA13C00071A0	JDA13C00071B	Steering, outlet pipe (COATED)		1		1		Yes
12	JDA13C00060A0	JDA13C00060A	Adaptor steering inlet		1		1		Yes
13	MWN1502000GA0	8330001600	Seal washer (M16)		1		1		Yes
14	MWN1602000GA0	8330001801	Seal washer		2		2		Yes
15	JDA13C00110A0	JDA13C00110A	Adaptor steering outlet		1		1		Yes
16	JDA13C00051A0	JDA13C00051B	Steering, inlet pipe (COATED)		1		1		Yes
17	JDA13C00100A0	JDA13C00100A	Adaptor Priority valve		3		3		Yes
18	JDA13C00030A0	JDA13C00030B	Delivery Pipe excess flow (EF) (COATED)		1		1		Yes
19	BCA13P000000A0	BCA13P000000A	Priority valve		1		1		Yes

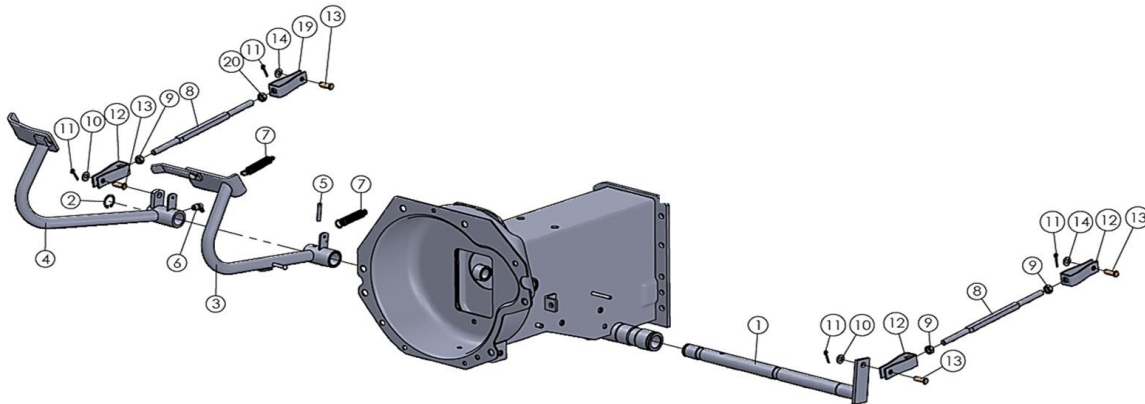
19a	MBA0605501BA0	M10006055	Hex bolt (M6)		2		2		Yes
19b	MNA0605501BA0	M17006	Nut M6		2		2		Yes
19c	MWL0601502BA0	M30406	Spring washer		2		2		Yes
19d	MWA0701000BA0	M30006	Plain washer		2		2		Yes
20	JDA13C00000A0	JDA13C00000A	Bracket Priority valve painted		1		1		Yes
21	JDA13C00010A0	JDA13C00010A	SUCTION PIPE PAINTED		1		1		Yes
22	BCA14C00970A0	180807001X1	PIPE, suction		1		1		Yes
23	JDA13C00090A0	JDA13C00090A	clamp a		2		2		Yes
24	JDA13C00120A0	JDA13C00120A	RUBBER A CLAMP		2		2		Yes
25	BFA13A00100A0		BRACKET STEERING PAINTED		1		1		Yes
26	JDA13C00081A0		Steering, outlet pipe (loading sensor)		1		1		Yes
27	JDA44C00080A0		PIPE DELIVERY		1		1		Yes

FIG. 705 CLUTCH PEDAL



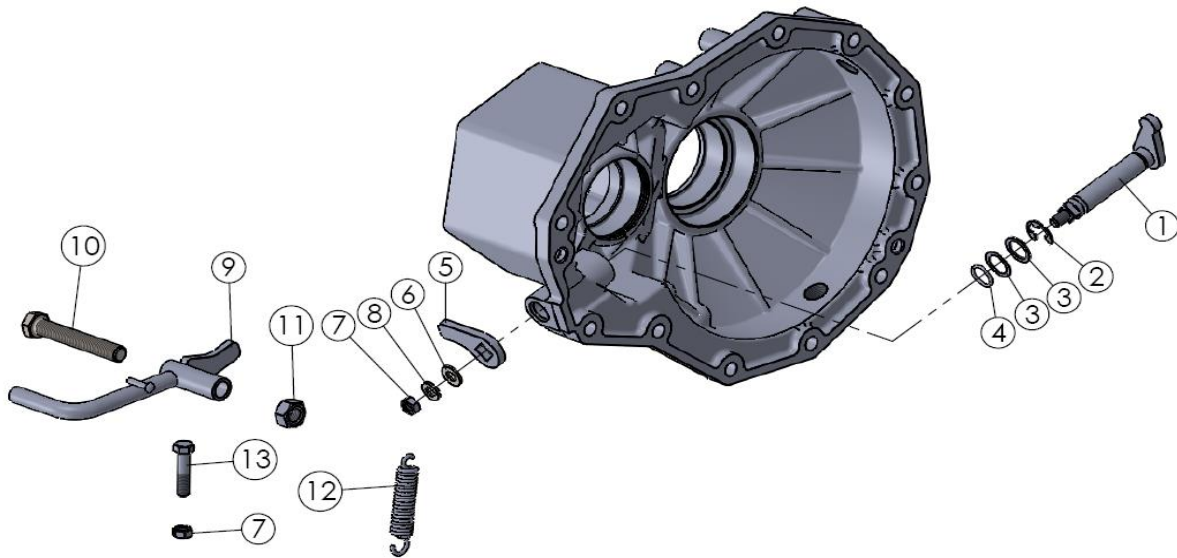
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
1	JDA10C00010A0	JDA10C00010A	CLUTCH PEDAL PAINTED	1	1	1	1	Ø38	YES
2	MLS0361800BA0	7400003800	RING, snap	2	2	2	2		YES
3	MGN0500800BA0	A6513100301	NIPPLE, grease	1	1	1	1		YES
4	BCA10C00280A0	18070500140	SPRING - CLUTCH PEDAL	1	1	1	1		YES
5	BCA10C00260A0	10072157004	ROD CLUTCH	1	1	1	1		YES
6	MNA0806000BA0	M17008	NUT	2	2	2	2	M8	YES
7	BCA10C00250A0	10211821000	FORK, joint	1	1	1	1		YES
8	MPC0802600BA0	M3948X26	PIN, clevis	1	1	1	1	Ø8x25	YES
9	MWA0801602GA0	M30008	WASHER, plain	2	2	2	2	M8	YES
10	MTG2502500BA0	5200125025	PIN, split	2	2	2	2	Ø2x25	YES
11	BCA10C00270A0	10192158003	HOOK	1	1	1	1		YES
12	MBA0803002BA0	M10008030	BOLT, hex.hd.	1	1	1	1	M8x30	YES
13	MWA0801602GA0	M30008	WASHER, plain	1	1	1	1	M8	YES
14	MTG2001500BA0	5200120015	PIN, split	1	1	1	1	Ø2x16	YES
15	MTG2502500BA0	5200125025	PIN, split	1	1	1	1	Ø2x25	YES
									YES

FIG. 706 BRAKE PEDAL



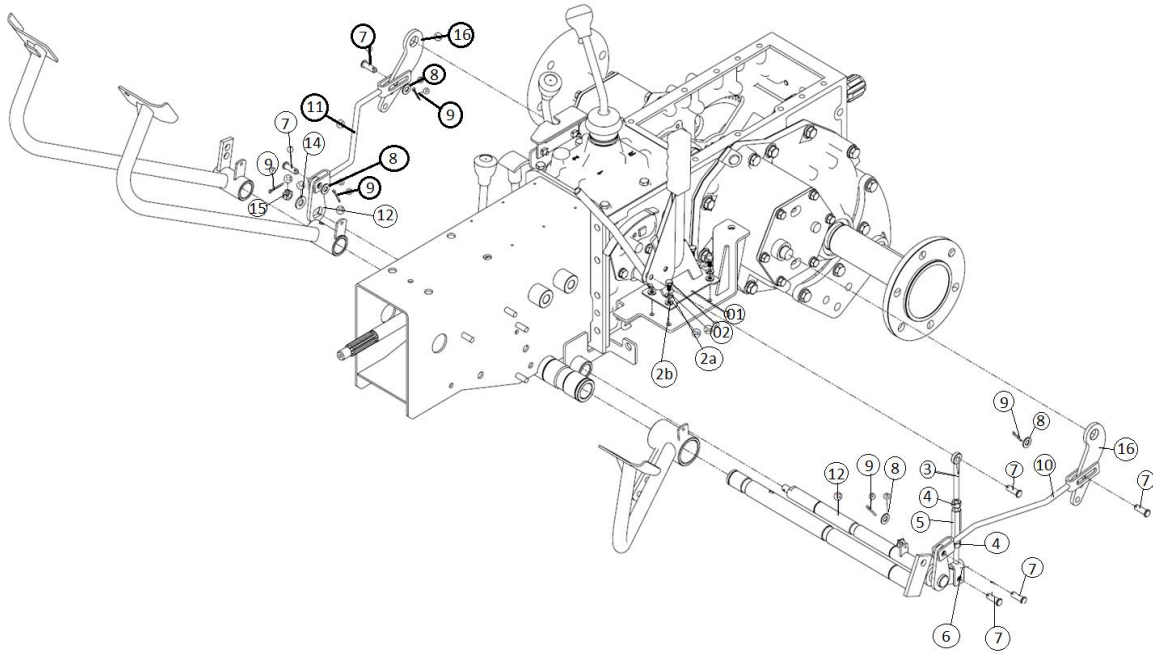
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
1	JDA20C00020A0	JDA20C00020E	SHAFT, BRAKE (EXPORT TRACTOR) PAIR	1	1	1	1	Ø25	YES
2	MLS0231200GA0	H42609	RING, snap	2	2	2	2		YES
3	JDA20C00030A0	JDA20C00030A	BRAKE PEDAL LH PAINTED	1	1	1	1		YES
4	JDA20C00040A0	JDA20C00040A	BRAKE PEDAL RH PAINTED	1	1	1	1	Ø8x36	YES
5	MPB8003600GA0	5500008036	PIN, spring	2	2	2	2		YES
6	MGN0500800BA0	A6513100301	NIPPLE, grease	2	2	2	2		YES
7	BCA20C00160A0	18070600440	SPRING BRAKE PEDAL	2	2	2	2	M10	YES
8	BCA20C00150A0	18070600341	ROD BRAKE	2	2	2	2		YES
9	MNA1008001BA0	M17010	NUT HEXAGONAL	1	1	1	1		YES
10	MWA0801602GA0	M30008	WASHER, plain	2	2	2	2	M8	YES
11	MTG2502500BA0	5200125025	PIN, split	4	4	4	4	Ø2x25	YES
12	BCA20C00120A0	11352222000	JOINT, RH	4	4	4	4		YES
13	MPC0802600BA0	M3948X26	PIN, clevis	4	4	4	4		YES
14	MWA0801602GA0	M30008	WASHER, plain	4	4	4	4	M8	YES
19	BCA20C00140A0	18070600240	JOINT (L) , LH	2	2	2	2		YES
20	MNA1008000BA0	18000200141	NUT, hex. (LH thread)	2	2	2	2		YES

FIG. 707 DIFF. LOCK PEDAL



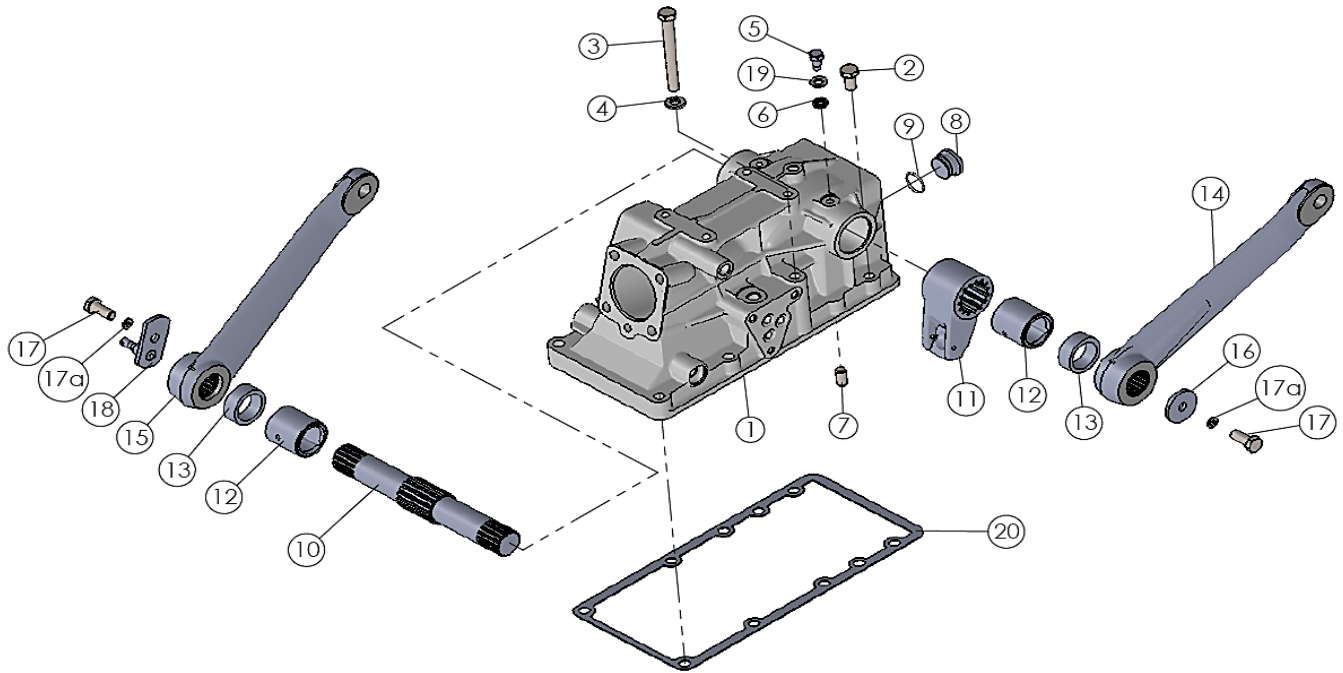
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
1	BCB12C00070A0	11351801001	SHIFTER	1	1	1	1	Ø12	YES
2	MLB0000001GA0	7420101200	E-RING	1	1	1	1		YES
3	MGG1600400BA0	7310001504	LINER	AR	AR	AR	AR		t0.4
3a	MGG1601200BA0	7310001512	LINER	AR	AR	AR	AR	t1.2	YES
4	MRA0112400GA0	8300100110	O-RING	1	1	1	1	Ø11	YES
5	BCA12C00730A0	11351804000	ARM	1	1	1	1		YES
6	MWA0801602GA0	M30008	WASHER, plain	1	1	1	1	M8	YES
7	MNA0806000BA0	M17008	NUT	2	2	2	2	M8	YES
8	MWL0802003GA0	M30408	WASHER, spring	1	1	1	1	M8	YES
9	JDA12C00010A0	JDA12C00010A	PEDAL PAINTED	1	1	1	1		YES
10	MBA1208000BA0	M10012080	BOLT, hex. head	1	1	1	1	M12X20	YES
11	MNA1210002BA0	M17012	NUT	1	1	1	1	M12	YES
12	BCA12C00750A0	14683379000	SPRING	1	1	1	1		YES
13	MBA0803502BA0	M10008035	BOLT, hex.head	1	1	1	1	M8X35	YES

FIG. 708 HAND BRAKE



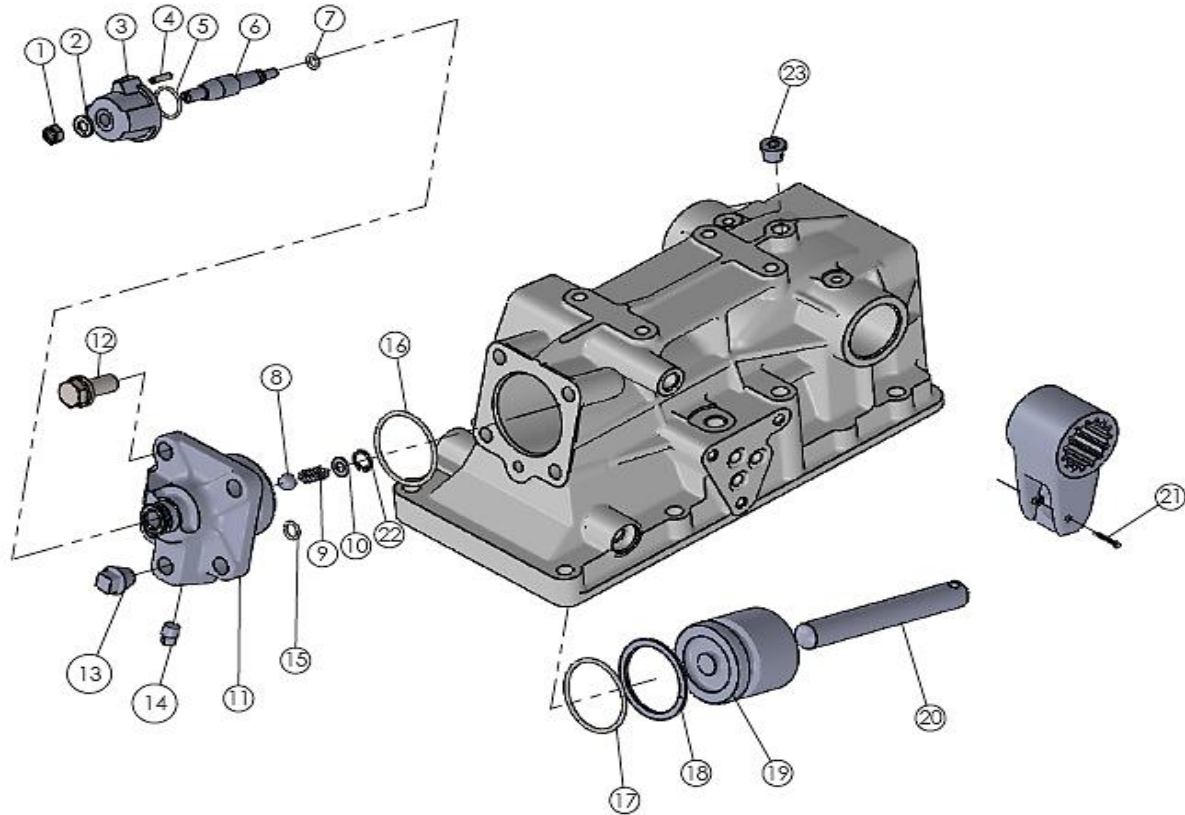
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				DESCRIPTION	Servicable
				180D		224D			
				MS	PS	MS	PS		
1	BHA11A00120A0	EC0708014X0	HAND BRAKE ASSY	1	1	1	1	M6	YES
2	MBA0601601BA0	M10006016	Bolt hex head	4	4	4	4		YES
2a	MWA0701000BA0	M30006	PLAIN WASHER	4	4	4	4		YES
2b	MWL0601502BA0	M30406	SPRING WASHER	4	4	4	4		YES
3	JDA20C00070A0	JDA20C00070A	Hand brake link A	1	1	1	1		YES
4	MNA0806000BA0	M17008	NUT	2	2	2	2		YES
5	BFA02C00030A0	27070101140	ADJUSTER, ACCELE. ROD (27HP)	1	1	1	1		YES
6	JDA20C00080A0	JDA20C00080A	Hand brake link B	1	1	1	1		YES
7	MPC0802600BA0	Sf285508025	Pin, clevis	6	6	6	6		YES
8	MWA0801602GA0	M30008	Washer M8	6	6	6	6		YES
9	MTG2002500GA0	5200120025	Pin, split	6	6	6	6		YES
10	JDA20C00110A0	JDA20C00110A	Hand brake link LH	1	1	1	1		YES
11	JDA20C00100A0	JDA20C00100A	Hand brake link RH	1	1	1	1		YES
12	JDA20C00050A0	JDA20C00050B	SHAFT, hand brake	1	1	1	1		YES
13	JDA20C00090A0	JDA20C00090A	Actuator, hand brake shaft	1	1	1	1		YES
14	MWA1302300BA0	M30012	Washer (M12)	1	1	1	1		YES
15		A3130101001	Nut, soltted (M10)	1	1	1	1		YES
16	JDA20C00000A0	JDA20C00000A	Brake actuator rod, RH	1	1	1	1		YES
17	JDA20C00010A0	JDA20C00010A	Brake actuator rod, LH	1	1	1	1		YES
19	JDA20C00120A0	JDA20C00120A	JOINT	2	2	2	2	YES	
20	JDA34A00040A0	JDA34A00040A	PTO & NEUTRAL SWITCH SENSOR	2	2	2	2	YES	
21	JDA98C00010A0	MNA0800600DA	NUT, HAND BRAKE LINK	1	1	1	1	YES	
22	BCA34C00330A0	18070600840	TENSION SPRING (BRAKE LIGHT SWITCH)	1	1	1	1	YES	
23	MNG0800600BA	MNG0800600BA	NUT (M8x1.25P-LH THREAD)	1	1	1	1	YES	
24	JDA34A00030A0	JDA34A00030B	BRAKE LIGHT SWITCH, HAND BRAKE SWITCH SENSOR, & SEAT SENSOR	1	1	1	1	YES	

FIG. 801 HYDRAULIC LIFT



Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
1	BCA14C00390A0	18080200301	CASE, Hydraulic ADDC	1	1	1	1		YES
2	MBA1004500BA0	M10010045	BOLT, hex. hd.	7	7	7	7	M10X45	YES
2a	MWL1002503GA0	M30410	WASHER, spring	7	7	7	7	M10	YES
3	MBA1010000BA0	M10010100	BOLT, hex. hd.	1	1	1	1	M10X100	YES
4	MWL1002503GA0	M30410	WASHER, spring	1	1	1	1	M10	YES
5	MBA0801601GA0	11352412000	BOLT	2	2	2	2		YES
6	MWN0701600GA0	8330000801	WASHER, seal	2	2	2	2		YES
7	MPA1001801GA0	5401010018	PIN, dowel	2	2	2	2	Ø10X18	YES
8	MUG2100000GA0	10072441000	PLUG	1	1	1	1		YES
9	MRA0212400GA0	8300100210	O-RING	1	1	1	1	Ø21	YES
10	BCA14C00330A0	10072409001	SHAFT HYDRAULIC	1	1	1	1		YES
11	BCA14C00340A0	11352407001	FORK, lift	1	1	1	1		YES
12	BCA14C00350A0	11352411001	(O) Bushing Lift Arm	2	2	2	2		YES
13	MGG3007000GA0	8401030427	SEAL, oil	2	2	2	2	TC30427	YES
14	BCA14C00370A0	11352414011	Arm Lift LH	1	1	1	1		YES
15	BCA14C00360A0	11352413011	Arm Lift RH	1	1	1	1		YES
16	MWG1105000BA0	36100104002	WASHER	1	1	1	1		YES
17	MBA1002502BA0	M10010025	BOLT, hex. hd.	1	1	1	1	M10x25	YES
17a	MWL1002503GA0	M30410	WASHER, spring	2	2	2	2	M10	YES
18	BCA14C00320A0	10032406001	PLATE (REGULAR)	1	1	1	1	(ADDC) (P01814)	YES
19	MWA0801602GA0	M30008	WASHR, Plain	2	2	2	2	M8	YES
20	MGG0000403GA0	18080101620	GASKET, Hyd.Case	1	1	1	1		YES

FIG. 802 HYDRAULIC CYLINDER



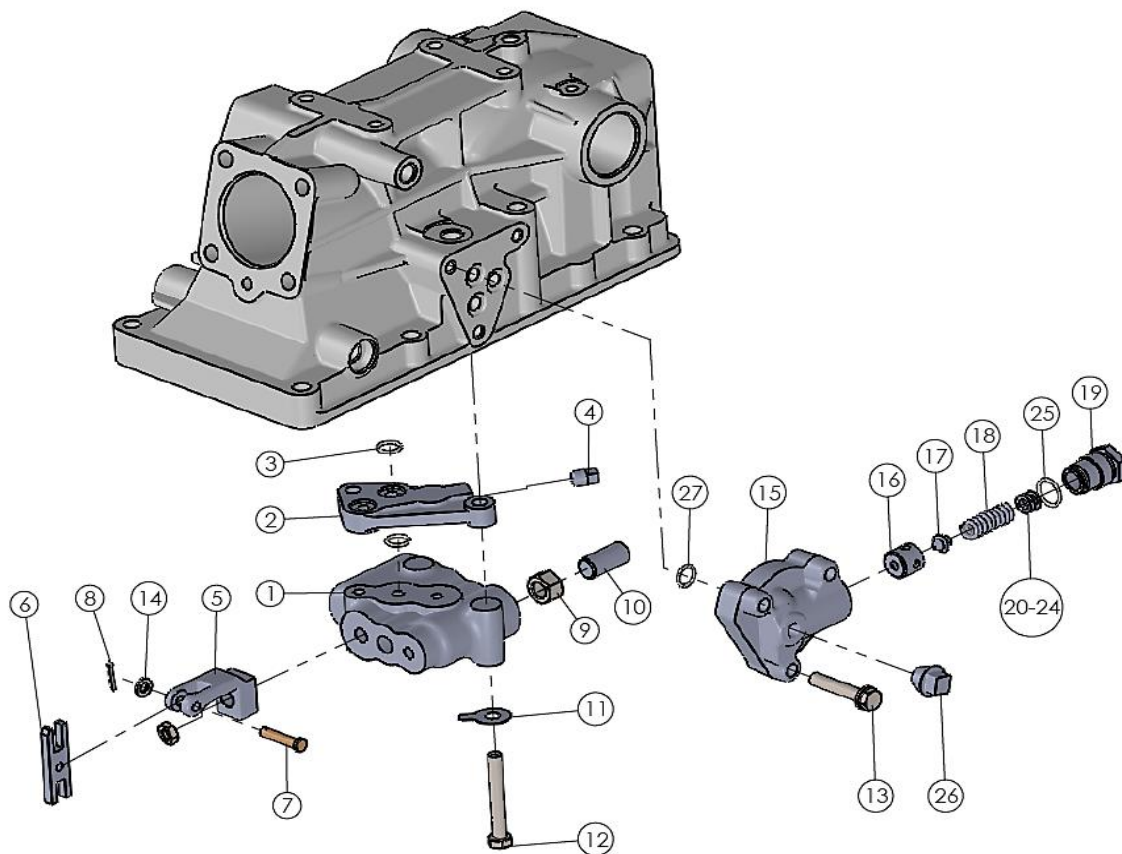
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
1	MNA0806000BA0	M17008	NUT	1	1	1	1	M8	YES
2	MWL0802003GA0	M30408	WASHER, spring	1	1	1	1	M8	YES
3	BCA14C00420A0	10072439000	GRIP	1	1	1	1		YES
4	MPB4001600GA0	5500004016	PIN, spring	1	1	1	1	Ø4X16	YES
5	MRA0202400GA0	8300100200	O-RING	1	1	1	1	Ø20	YES
6	BCA14C00410A0	10072437000	ADJUSTER	1	1	1	1		YES
7	MRA0071900GA0	8300100070	O-RING	1	1	1	1	Ø7	YES
8	MGG1100000GA0	8000001100	BALL, steel	1	1	1	1	7/16"	YES
9	BCA14C00440A0	11501707000	SPRING	1	1	1	1		YES
10	MWG0701000GA0	19822413000	WASHER	1	1	1	1		YES
11	BCA14C00460A0	19822412001	HEAD, cylinder	1	1	1	1		YES
12	MBA1204500BA0	M10012045	BOLT, hex. hd.	4	4	4	4	M12X45	YES
12a	MWL1203002GA0	M30412	WASHER, spring	5	5	5	5	M12	YES
13	MUG0170000GA0	A6000201000	PLUG, taper	1	1	1	1	PT3/8"	YES
14	MUG0100002GA0	A6000000300	PLUG, taper	1	1	1	1	PT3/8"	YES
15	MRA0000048GA0	11352406100	O-RING	1	1	1	1	Ø10	YES
16	MRA0000049GA0	11352406200	O-RING	1	1	1	1	Ø50	YES
17	MRA0505700GA0	8300100501	O-RING	1	1	1	1	Ø50	YES
18	MRG0501900GA0	11352405101	RING, back-up	1	1	1	1		YES
19	BCA14C00430A0	11352405011	PISTON	1	1	1	1		YES
20	BCA14C00400A0	10072408000	ROD, piston	1	1	1	1		YES
21	MTG5004501BA0	5200150045	PIN, split	1	1	1	1	Ø5X45	YES
22	MLS1501000BA0	7410101500	RING, snap	1	1	1	1	Ø15	YES
23	BCA14C00450A0	18080200241	BREATHER, PLUG HYDRAULIC CASE	1	1	1	1		YES

This exploded view diagram illustrates the assembly of a mechanical component, likely a pump or valve. The main housing is shown at the top. Below it, various sub-components are shown in their relative positions, indicated by dashed lines. The components are numbered as follows:

- 1: Main housing body
- 2: Flange or mounting plate
- 3: Small circular gasket or seal
- 4: Small cylindrical pin or plug
- 5: Small rectangular block or plug
- 7: Small cylindrical pin or plug
- 9: Small cylindrical pin or plug
- 10: Small cylindrical pin or plug
- 11: Small cylindrical pin or plug
- 12: Small cylindrical pin or plug
- 13: Small cylindrical pin or plug
- 14: Small cylindrical pin or plug
- 15: Main housing body (right side)
- 16: Small cylindrical pin or plug
- 17: Small cylindrical pin or plug
- 18: Small cylindrical pin or plug
- 19: Small cylindrical pin or plug
- 20-24: Small cylindrical pin or plug (grouped)
- 25: Small cylindrical pin or plug
- 26: Small cylindrical pin or plug
- 27: Small cylindrical pin or plug

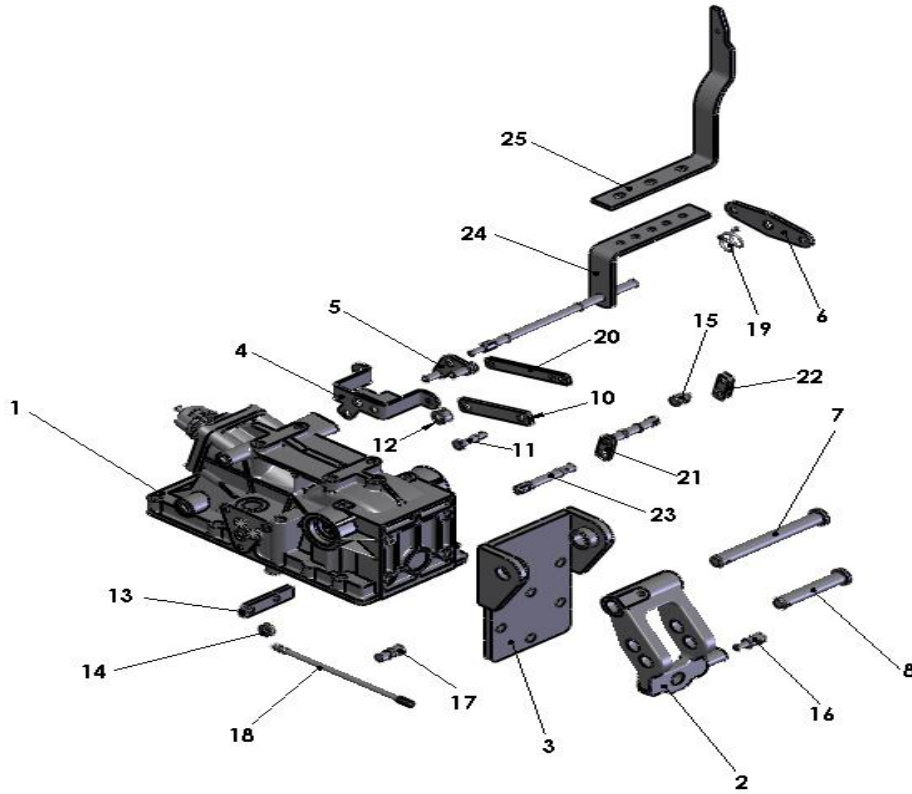
75

FIG. 803 HYDRAULIC CONTROL VALVE



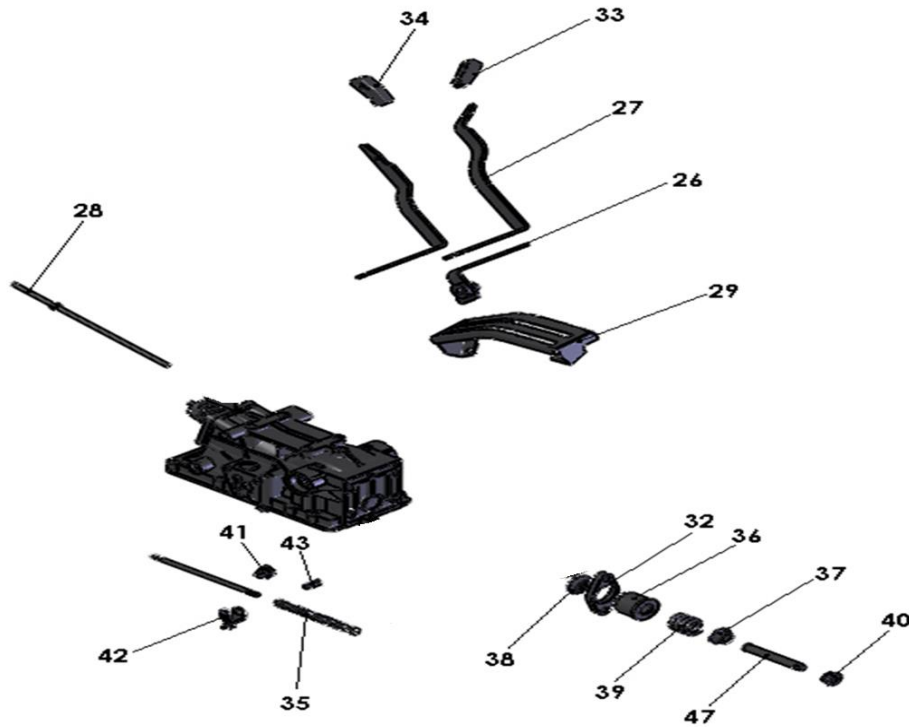
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
24	MGS0000013GA0	6957316021	SHIM	AR	AR	AR	AR	t3.0	YES
25	MRA0161500GA0	8300500160	O-RING	1	1	1	1	Ø16	YES
26	MUT0100001GA0	MS661120	PLUG, taper	1	1	1	1		YES
27	MRA0122401GA0	8300100120	O-RING	3	3	3	3	Ø12	YES

FIG. 805 HYDRAULIC CONTROL (ADDC)



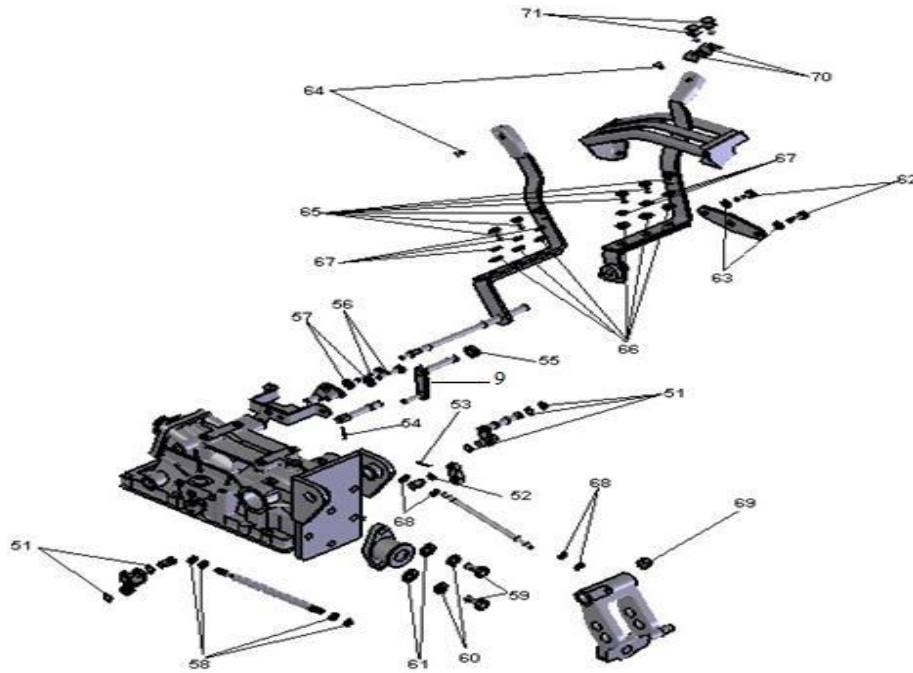
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
1	BCA14C00390A0	18080200301	CASE HYDRAULIC ADDC (MACHINED)	1	1	1	1	18090100521P1	YES
2	BCA45A00010A0	18090100420	HITCH HYDRAULIC ASSY	1	1	1	1		YES
3	BCA45C00050A0	18090100521P1	HITCH BRACKET	1	1	1	1		YES
3A	MBA1206500BA0	MBA1206500BA	BOLT	2	2	2	2		YES
4	BCA14C00670A0	18080400530	BRACKET,LEVER ADDC	1	1	1	1		YES
5	BCA14C00750A0	18080400630	BRACKET,SPACER	1	1	1	1		YES
6	BCA14C00720A0	18080400740	FLANGE PLATE	1	1	1	1		YES
7	MPG1815500BA0	18090101240	PIN-A (ADDC)	1	1	1	1		YES
8	MPG1809300BA0	18090101340	PIN-B (ADDC)	1	1	1	1		YES
9	BCA14A00180A0	18080400840	LINKAGE ASSY	1	1	1	1		YES
10	BCA14C00730A0	1808040A840	PLATE,LINKAGE	1	1	1	1		YES
11	MPG1003700BA0	1808040B840	PIN, ADDC	1	1	1	1		YES
12	MWG1320000BA0	18080401240	WASHER C (ADDC)	1	1	1	1		YES
13~14		18080300240	PLATE,CONTROL VALVE	1	1	1	1	YES	
15	MPG0000017GA0	18080401040	PIN A	1	1	1	1	YES	
16	MPG1002000BA0	18080501340	PIN HITCH	1	1	1	1	YES	
17	MPG0800801BA0	18080301240	PIN,FULCRUM ADDC	1	1	1	1	YES	
18	BCA14C00610A0	18080300530	ROD,LINK	1	1	1	1	YES	
19	BCA14C00680A0	18080401140	SPRING LEVER	1	1	1	1	YES	
20	BCA14C00860A0	18080501040	PLATE LINKAGE A	1	1	1	1	YES	
21	BCA14C00540A0	18080300740	FULCRUM ADDC	1	1	1	1	YES	
22	BCA14C00870A0	18080501140	PLATE,FULCRUM	1	1	1	1	YES	
23	BCA14C00550A0	18080300830	FULCRUM SHAFT	1	1	1	1	YES	
24	JDA44C00060A0	JDA44C00060A	BRACKET LEVER POSITION PAINTED	1	1	1	1	P03451	YES
25	JDA44C00070A0	JDA44C00070A	LEVER, CONTROL (POSITION) PAINTED	1	1	1	1	P03453	YES

FIG. 805 HYDRAULIC CONTROL (ADDC)



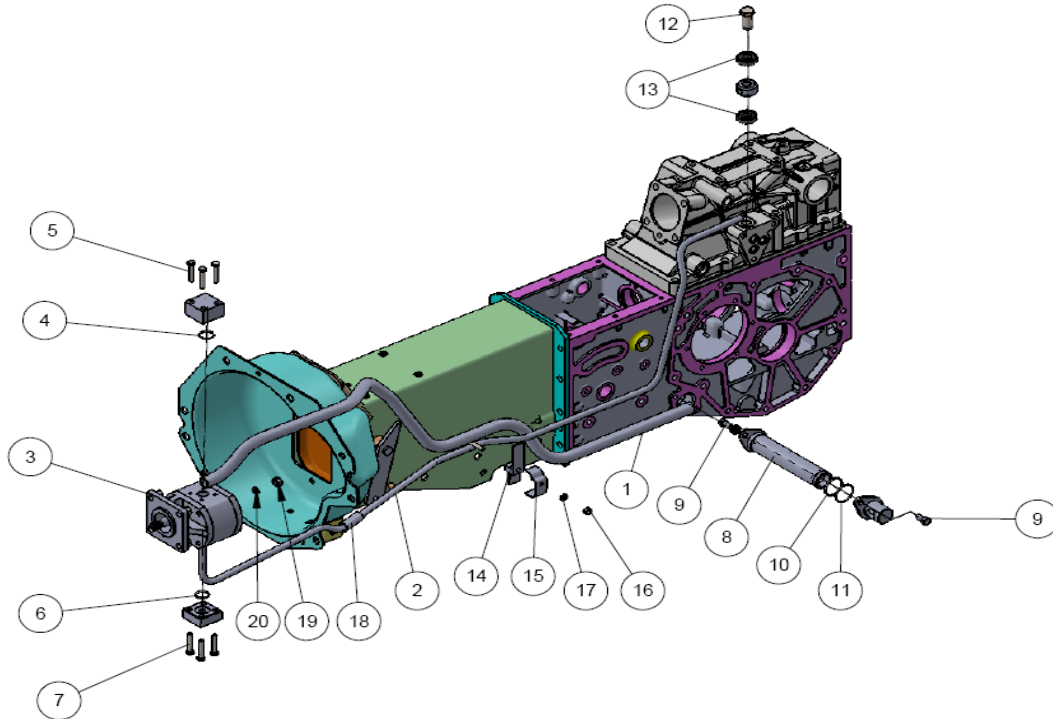
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
26	BCA14C00800A0	18080401030	BRACKET LEVER (DEPTH)	1	1	1	1		YES
27	BCA26C00180A0	180805008X0	LEVER, CONTROL (DEPTH) PAINTED	1	1	1	1		YES
28	BCA14C00810A0	18080501230	ROD	1	1	1	1		YES
29	BCA26C00190A0		GUIDE LEVER CONTROL PAINTED	1	1	1	1		YES
31	BCA14C00880A0	181411003X0	ROTARY BRACKET ADDC	1	1	1	1		YES
32	JDA14C00090A0	18090100630	FLANGE HOUSING	1	1	1	1		
33	BCA26C00210A0	2208050A941	GRIP-RED (LEVER CONTROL)	1	1	1	1		YES
34	BEF14C00060A0	27080500730	KNOB (LEVER POSITION CONTROL)	1	1	1	1		
34	BEF14C00070A0	27080500830	KNOB (LEVER DRAFT CONTROL)	1	1	1	1		
35	BCA14C00530A0	18080300630	SPRING, LINK ROD	1	1	1	1		YES
36	JDA14C00100A0	18090100730	HOUSING ADDC (FABRICATED)	1	1	1	1		
37	BCA45C00240A0	18090100840	LOCATOR FLANGE	1	1	1	1		YES
38	BCA45C00080A0	18090100940	LOCATOR FLANGE 'A'	1	1	1	1		YES
39	BCA45C00090A0	18090101040	SPRING,HITCH	1	1	1	1		YES
40	MNK1413500BA0	18090101140	FLANGE NUT	1	1	1	1		YES
41	BCA14C00600A0	18080300430	PLATE FULCRUM SMALL	1	1	1	1		YES
42	BCA14A00140A0	18080300340	PLATE FULCRUM ASSY	1	1	1	1		YES
43	MPG1202100BA0	18080301040	PIN, LINK ROD	1	1	1	1		YES
44	MWG2002000BA0	18080401340	WASHER A (ADDC)	1	1	1	1		YES
45	MWG1302001BA0	18080301340	WASHER B (ADDC)	4	4	4	4		YES
46	MWG1320000BA0	18080401240	WASHER C (ADDC)	1	1	1	1		YES
47	MBG1410800GA0	18090101541	DOME BOLT	1	1	1	1		YES
48	MNA1408000BA0	18090101440	THIN NUT	1	1	1	1		YES
49	MTG2001500BA0	5200120015	SPLIT PIN	4	4	4	4		YES
50	MLS1101000GA0	7400001200	RING SNAP	4	4	4	4		YES

FIG. 805 HYDRAULIC CONTROL (ADDC)



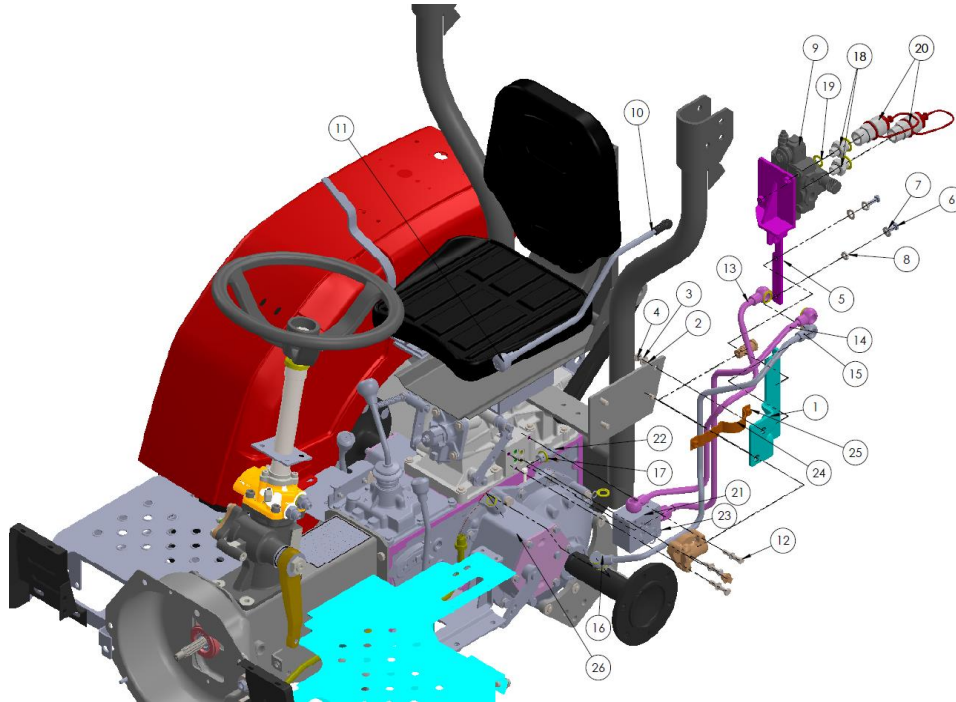
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
51	MLS1101000GA0	7400001200	RING SNAP	5	5	5	5		YES
52	MLS0800801GA0	7400000800	RING SNAP	1	1	1	1		YES
53	MPB3001600GA0	5500003016	SPRING PIN	1	1	1	1		YES
54	MPB3002500GA0	5500003025	SPRING PIN	1	1	1	1		YES
55	MGG1207000GA0	8401012227	SEAL OIL	2	2	2	2		YES
56	MBA0804003BA0	M10008040	BOLT HEX HEAD	2	2	2	2		YES
57	MWL0802003GA0	M30408	WASHER SPRING	2	2	2	2		YES
58	MNA0806000BA0	M17008	NUT HEX HEAD	4	4	4	4		YES
59	MBA1202501BA0	M10012025	BOLT HEX HEAD	2	2	2	2		YES
60	MWL1203002GA0	M30412	WASHER SPRING	2	2	2	2		YES
61	MWA1302300BA0	M30012	WASHER PLAIN	2	2	2	2		YES
62	MBA0803502BA0	M10008035	BOLT HEX HEAD	2	2	2	2		YES
63	MWL0802003GA0	M30408	WASHER SPRING	2	2	2	2		YES
64	MSG0500000GA0	M1360-5	SCREW COUNTER SINK LENGTH 8	2	2	2	2		YES
65	MBA0801602BA0	M10008016	BOLT HEX HEAD	6	6	6	6		YES
66	MWA0801602GA0	M30008	WASHER PLAIN	6	6	6	6		YES
67	MWL0802003GA0	M30408	WASHER SPRING	6	6	6	6		YES
68	MNG0000016GA0	A3010108003	NUT,JAM	4	4	4	4		YES
69	MGN0600400BA0	A6500100600	NIPPLE,GREASE	1	1	1	1		YES
70	BCA26C00160A0	18080500540	STOPPER - F&R	1	1	1	1		YES
71	MGG0825000BA0	10212438001	GRIP	1	1	1	1		YES
72	BCA26C00080A0	18080501530	SLEEVE(30mm WIDTH LEVER)	1	1	1	1		YES
73	BCA26C00090A0	18080501630	SLEEVE(20mm WIDTH LEVER)	1	1	1	1		YES
74	BCA14C00770A0	10032409001	Arm feed back	1	1	1	1		YES

FIG. 807 HYDRAULIC LINE



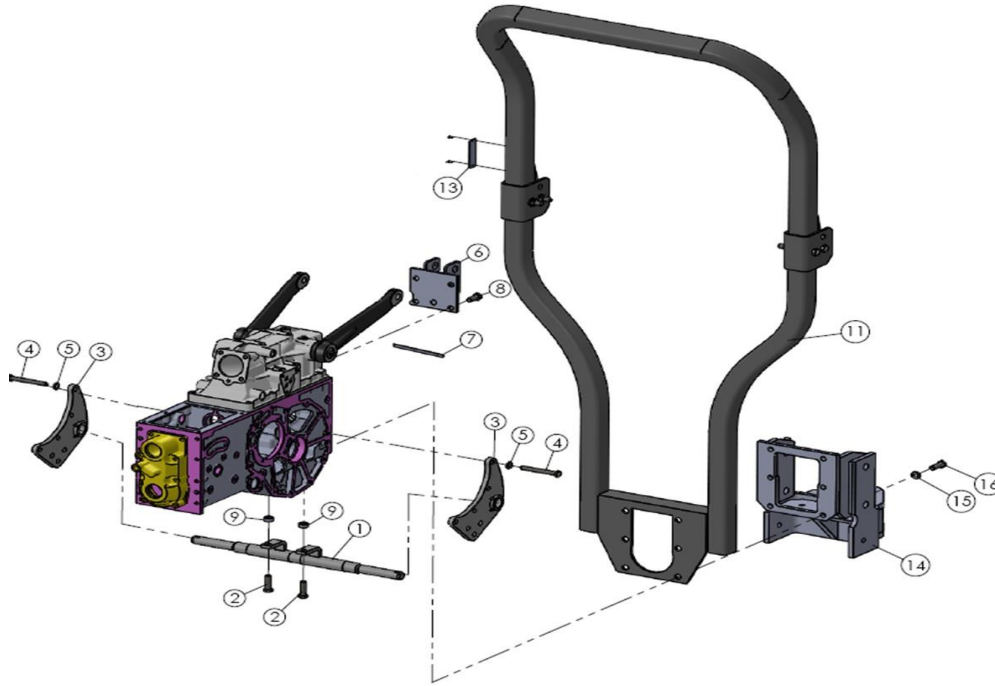
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
1	BCA14C00970A0	180807001X1	PIPE, suction	1	1	1	1		YES
1	JDA13C00010A0		Suctionpipe(PAINTED)		1		1		
2	BCA14C00980A0	180807003X0	PIPE, delivery	1	1	1	1		YES
2	JDA13C00021A0	JDA13C00021B	DELIVERY PIPE PRIORITY VALVE		1		1		
2	JDA13C00030A0	JDA13C00030B	DELIVERY PIPE EXCESS FLOW		1		1		
3	BCA14A00230A0	180808000X0	HYDRAULIC PUMP ASSY.	1	1	1	1		YES
4	MRA0202400GA0	8300100200	O-RING	1	1	1	1	Ø12	YES
5	MBA0603501BA0	M10006035	BOLT, hex.hd.	3	3	3	3	M6X35	YES
5a	MWL0601502BA0	M30406	WASHER, spring	3	3	3	3	M6	YES
6	MRA0182400GA0	8300100180	O-RING	1	1	1	1	Ø18	YES
7	MBA0603003BA0	M10006030	BOLT, hex.hd.	4	4	4	4	M6X30	YES
7a	MWL0601502BA0	M30406	WASHER, spring	4	4	4	4	M6	YES
8	BCA14C00910A0	11352452002	FILTER	1	1	1	1		YES
9	MBA0801602BA0	M10008016	BOLT, hex.hd.	4	4	4	4	M8X16	YES
9a	MWL0802003GA0	M30408	WASHER, spring	4	4	4	4	M8	YES
10	MRA0322400GA0	8300120310	O-RING	1	1	1	1	Ø31	YES
11	MRA0302400GA0	8300120300	O-RING	1	1	1	1	Ø30	YES
12	MBA1404200GA0	10072474001	BOLT	1	1	1	1		YES
13	MWN0000001GA0	10072475000	WASHER, seal	2	2	2	2		YES
14	BCA14C00930A0	11352475000	CUSHION, rubber	1	1	1	1		YES
15	BCA14C00960A0	11352476000	HOLDER	1	1	1	1		YES
16	MNA0605501BA0	M17006	NUT	1	1	1	1	M6	YES
17	MWL0601502BA0	M30406	WASHER, spring	8	8	8	8	M6	YES
18	BCA14C00920A0	11352474000	PIPE	3	3	3	3		YES
19	MNA0806000BA0	M17008	Nut Hexagonal	5	5	5	5	M8	YES
20	MWL0802003GA0	M30408	WASHER, spring	10	10	10	10	M8	YES

FIG. 809 DOUBLE ACTING SPOOL VALVE



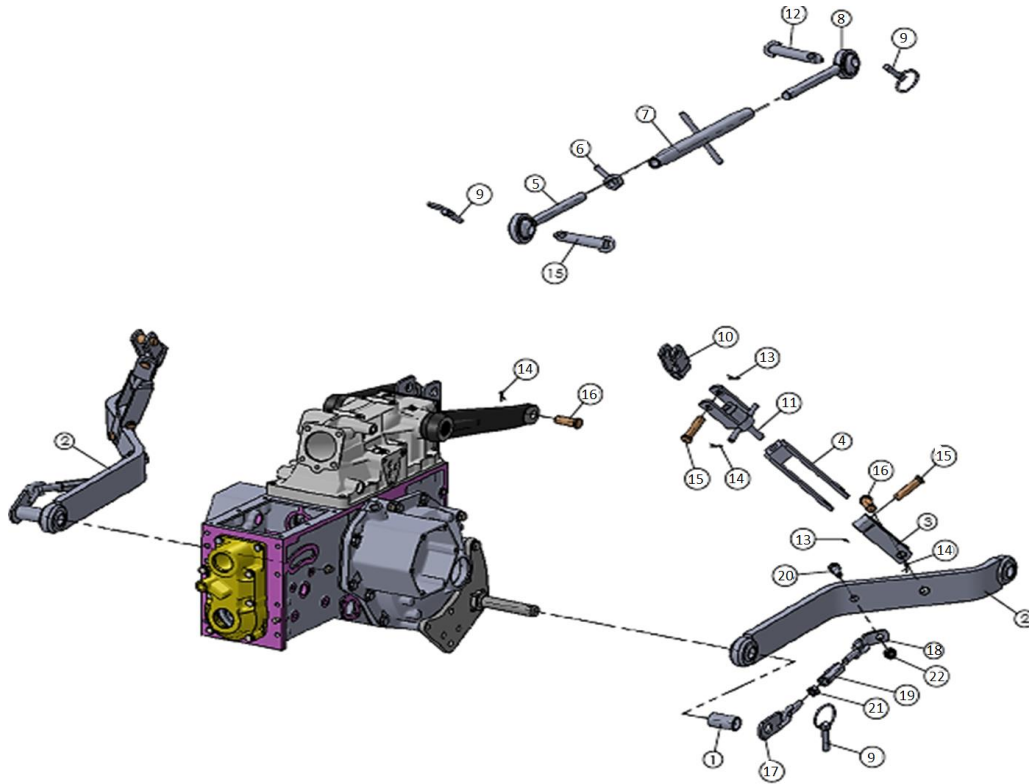
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				DESCRIPTION	Servicable
				180D		224D			
				MS	PS	MS	PS		
1	JEB26C00000A0	EC080900230	SPOOL VALVE BRACKET A	1	1	1	1		YES
2	MBA1003002BA0	M10010030	BOLT M10X30	3	3	3	3		YES
3	MWL1002503GA0	M30410	SPRING WASHER M10	3	3	3	3		YES
4	MWA1101600BA0	M30010	Washer plain (M10)	3	3	3	3		YES
5	JEB26C00010A0	EC080900321	SPOOL VALVE BRACKET B	1	1	1	1		YES
6	MBA0802504BA0	M10008025	Bolt, hex hd (M8x25)	4	4	4	4		YES
7	MWL0802003GA0	M30408	Washer spring (M8)	9	9	9	9		YES
8	MWA0801602GA0	M30008	Washer plain (M8)	9	9	9	9		YES
9	BDA14C00000A0	BDA14C00000A	SINGLE, DOUBLE ACTING SPOOL VALVE	1	1	1	1		YES
10	JDA44C00010A0	JDA44C00010B	LEVER SPOOL VALVE	1	1	1	1		YES
12	MBA0806500BA0	M10008065	Bolt, hex hd (M8x65)	2	2	2	2		YES
13	JDA44C00020A0	JDA44C00020A	PORT-P PIPE	1	1	1	1		YES
14	JDA44C00030A0	JDA44C00030A	PORT-C PIPE	1	1	1	1		YES
15	JDA44C00040A0	JDA44C00040A	PORT-T PIPE	1	1	1	1		YES
16	MBG1803800BA0	MBG1803800BB	BANJO BOLT HYD ADAPTOR	5	5	5	5		YES
17	MWN1602000GA0	8330001801	WASHER SEAL	13	13	13	13		YES
18	JDA44C00090A0	JDA44C00090A	PORT A-B ADAPTOR	2	2	2	2		YES
19	MWN1902000GA0	8330002200	Washer seal	2	2	2	2		YES
20	JEA14C00000A0	EC080901740	Quick Coupler	2	2	2	2		YES
21	JDA14C00060A0	EC080900931	Hydraulic adaptor	1	1	1	1		YES
22	JDA44C00100A0	JDA44C00100A	ADAPTOR M18X1.5P	1	1	1	1		YES
23	MRA0122401GA0	8300100120	ORING	3	3	3	3		YES
24	JDA44C00110A0	JDA44C00110A	CLAMP (SPOOL VALVE) 1	1	1	1	1		YES
24a	JDA44C00120A0	JDA44C00120A	CLAMP (SPOOL VALVE) 2	1	1	1	1		YES
24b	JDA44C00130A0	JDA44C00130A	RUBBER-CLAMP, SPOOL VALVE	2	2	2	2		YES
24c	BCA14C00920A0	11352474000	PIPE	4	4	4	4		YES
25	MNA0806000BA0	M17008	Nut Hexagonal	2	2	2	2		YES
26	JDA44C00050A0	JDA44C00050A	CASE FINAL LH	1	1	1	1		YES

FIG. 901 LOWER LINK BRACKET



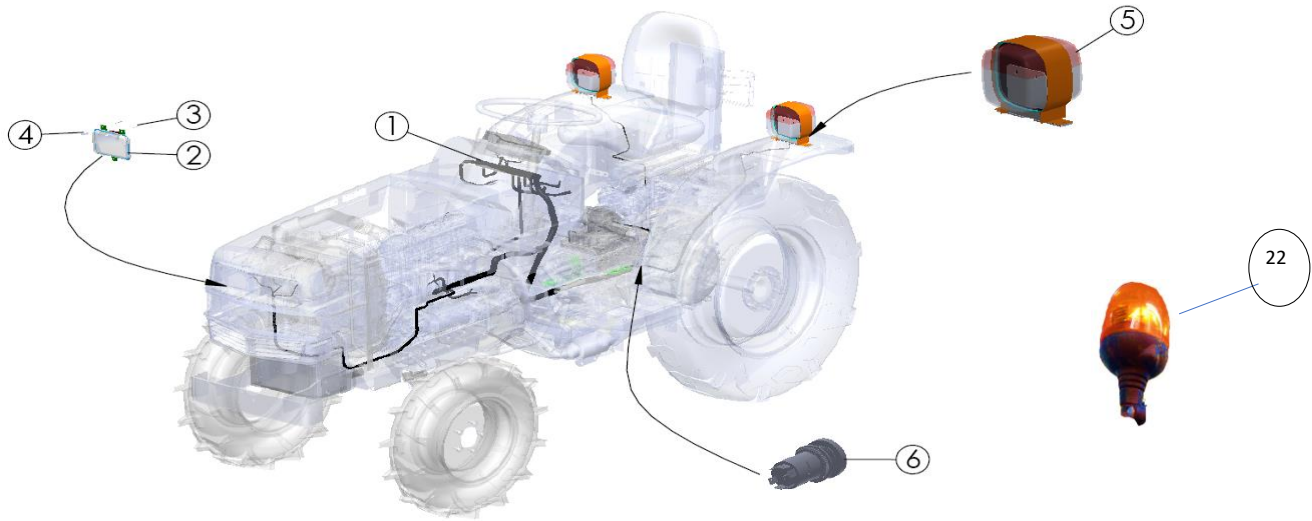
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
1	BCA45C00110A0	19741901006	BRACKET, lower link	1	1	1	1	M12X40	YES
2	MBA1204002BA0	M10012040	BOLT, hex. hd.	2	2	2	2		YES
3	BCA45C00250A0	180901003X0	Plate Lower Link Painted	2	2	2	2		YES
4	MBA1008500GA0	19741908000	BOLT, hex. hd.	8	8	8	8		YES
4a	MBA1003502BA0	M10010035	Bolt Hex Head	6	6	6	6	M10X85	YES
4b	MBA1005500BA0	M10010055	Bolt Hex Head	4	4	4	4		YES
4c	MBA1007000BA0	M10010070	Bolt Hexagonal head	1	1	1	1		YES
4e	MBA0802004BA0	M10008020	Bolt Hex Head	6	6	6	6		YES
5	MWL1002503GA0	M30410	WASHER, spring	12	12	12	12	M10	YES
6	BCA45C00030A0	10075158003	BRACKET	1	1	1	1		YES
7	BCA45C00140A0	10071913001	PLATE	AR	AR	AR	AR		YES
8	MBA1203002BA0	M10012030	BOLT, hex. hd.	4	4	4	4		M12X30
9	BCA45C00040A0	18090100140	SPACER	2	2	2	2	YES	
11	JDA24C00000A0	JDA24C00000D	ROPS ASSEMBLY (EURO MODEL)	1	1	1	1	YES	
11c	JDA24C00030A0	JDA24C00030A	ROPS STOPPER	2	2	2	2	YES	
11d	JDA24C00040A0	JDA24C00040A	Pin WITH WIRE	4	4	4	4	YES	
11e	MPS2036000BA0	5210112000	Pin,snap	4	4	4	4	YES	
11h	MDG1206500GA0	MDG1206500GA	Stud	2	2	2	2	YES	
11i	JDA23C00000A0	JDA23C00000A	REV. LIGHT BRACKET PAINTED	1	1	1	1	YES	
11j	JDA23C00010A0	JDA23C00010A	REV.LIGHT PLATE PAINTED	1	1	1	1	YES	
11k	JDA23C00030A0	JDA23C00030A	CUSHION REV. LIGHT	2	2	2	2	YES	
11l	JDA23C00040A0	JDA23C00040A	CUSHION B	1	1	1	1	YES	
11m	MBG0402000GA0	MBG0402000GA	REV. LIGHT BOLT	2	2	2	2	YES	
13	JDA40C00210A0	JDA40C00210A	NAME PLATE,ROPS	1	1	1	1	YES	
14	JDA40C00200A0	JDA40C00200A	Name plate hitch	1	1	1	1	YES	
14a	JEB45C00020A0	EC0805003X0	Hitch Bracket Painted Euro Tractor	1	1	1	1	YES	
14b	JEB45C00040A0	EC080500400	DRAWBAR BRACKET (EURO) painted	1	1	1	1	YES	
14c	JEB45C00010A0	EC131901030	PIN DRAWBAR (EURO MODEL)	1	1	1	1	YES	
14d	JDG45A00030A0	BRA16A00010A	FRONT HITCH (EURO MODEL)	1	1	1	1	YES	

FIG. 902 THREE POINT LINKAGE (VST)



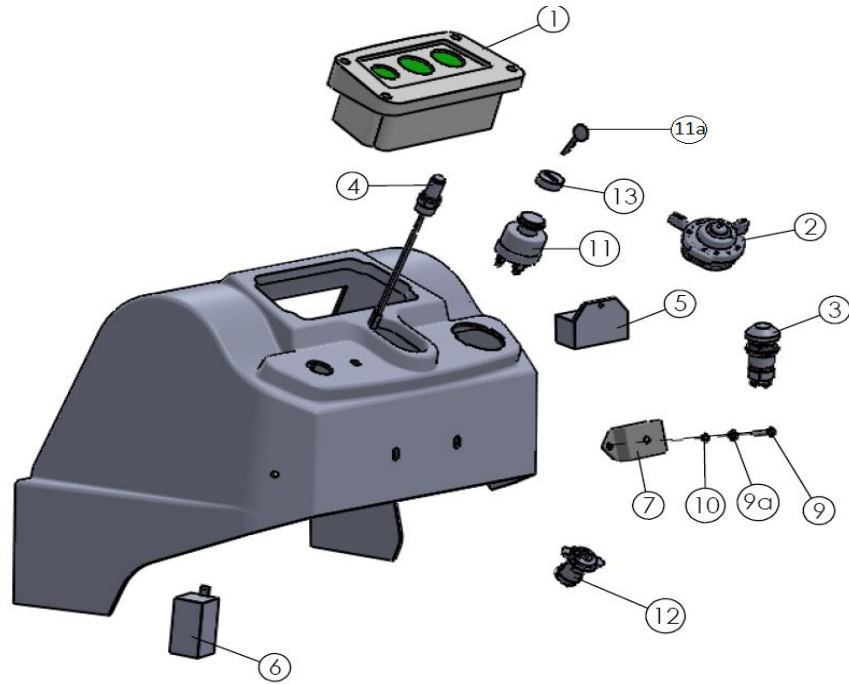
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
1~22	BCA45C00120A0	2709020V1X1	TPL ASSY	SET	SET	SET	SET		YES
1	BCA44C00170A0	19744600100	Collar	4	4	4	4		YES
2	BCA45C00150A0	19744601012	Lower Link	2	2	2	2		YES
	BCA45A00030A0	27090203321	Side Link	2	2	2	2		
5~8	BCA45A00020A0	27090203221	Top Link Assy	1	1	1	1		YES
	MPG1810900BA0	27090200640	PIN(TOP LINK) 18X109	1	1	1	1		
9	BDA98C00000A0		LINCH-CLIP DIA 10	6	6	6	6		YES
9	BDA98C00010A0		LINCH-CLIP DIA 8	6	6	6	6		
10	BCA45C00290A0	19703925000	Joint	2	2	2	2		YES
12	MPG1907600BA0	11355156000	Pin	2	2	2	2		YES
13	MPS2041600BA0	5210114000	Pin Snap	4	4	4	4		YES
14	MPS2654000BA0	5210116000	Pin Snap	6	6	6	6		YES
15		5610114055	Pin Clevis	4	4	4	4		YES
16	MPC1604500BA0	5610116045	Pin Clevis	4	4	4	4		YES
17~22	BCA45A00040A0	27090203431	Check chain assy	2	2	2	2		YES
20	MBA1203503BA0	M10012035	Bolt	2	2	2	2		YES
21	MWL1203002GA0	M30412	Spring washer	2	2	2	2		YES
22	MNA1210002BA0	M17012	Nut	2	2	2	2		YES

FIG. 1001 ELECTRICAL WIRING



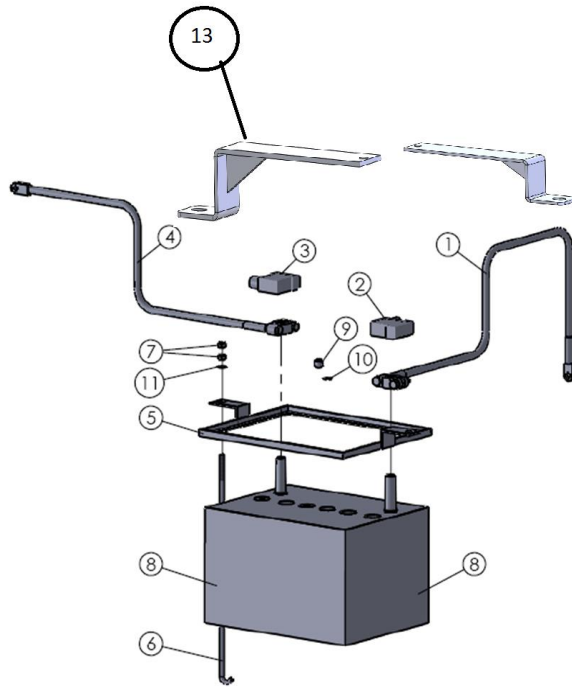
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
1	JEB34A00000A0	EC100100708	WIRING HARNESS	1	1	1	1	M5X20	YES
2	BCA34C00190A0	10192840003	HEAD LAMP ASSY (WITH BOOT)	2	2	2	2		YES
3	MSG0502000GA0	M13005020	SCREW, Round hd.	6	6	6	6		YES
4	BCA34C00200A0	10192849001	SPRING	6	6	6	6		YES
5	BCA34C00510A0	181002013X0	INDICATOR LAMP REAR	2	2	2	2	IP 63	YES
5	JDA34P00120A0		INDICATOR LAMP REAR	2	2	2	2	IP 67	
5a	BCA34C00500A0	181002012X0	INDICATOR LAMP FRONT	2	2	2	2	IP 63	YES
5a	JDA34P00110A0		INDICATOR LAMP FRONT	2	2	2	2	IP 63	
6~8	BCA34C00220A0	11422881003	SAFETY SWITCH	1	1	1	1		YES
7	MNA1605000BA0	11422881120	NUT	2	2	2	2		YES
8	MWE0000001GA0	3710116000	WASHER, TOOTH	1	1	1	1		YES
15	BCA34C00180A0	10072858000	BAND,WIRE	9	9	9	9		YES
16	MWA0701000BA0	M30006	WASHER, plain	2	2	2	2	M6	YES
18	MGC0908000BA0	502108083	CLAMP	1	1	1	1		YES
20	MWL0802003GA0	M30408	WASHER, spring	1	1	1	1	M8	YES
21	MNA0806000BA0	M17008	NUT	1	1	1	1	M8	YES
22	JDA34A00000A0	JDA34A00000A	BEACON LAMP	1	1	1	1		YES
22A	JDA34C00050A0	JDA34C00050A	REVOLVING LIGHT SWITCH	1	1	1	1		YES
22B	JDA34C00000A0	JDA34C00000A0	ADJUSTABLE TUBULAR GRAFT	1	1	1	1		YES
23	BCA34C00270A0	19812823000	CLAMP	2	2	2	2		YES
25	BCA34C00170A0	6740402102	HORN	1	1	1	1		YES
36	JEA40C00030A0		NUMBER PLATE	1	1	1	1		YES
36A	BCA34C00290A0	181002009X1	NUMBER PLATE LAMP	1	1	1	1		YES
37	BCB26C00011A0	181002010X1	TRAILER SOCKET	1	1	1	1		YES
43	BCA12C00310A0	22100100240	CLAMP (D TYPE)	1	1	1	1		YES
43	BCA26C00230A0	V0010101340	RUBBER GUIDE	4	4	4	4		YES
44	BFA26C00180A0	18100201441	RUBBER PAD (FENDER)	4	4	4	4		YES
45	BCA07A00060A0	MM40966901	Solenoid Assembly	1	1	1	1		YES
46a	BCA34C00390A0	181002011X0	Reflector	1	1	1	1		YES
46	JEB32C00000A0	EC100201640	Stop switch (EURO MODEL)	1	1	1	1		YES

FIG. 1003 METER PANEL (1/2)



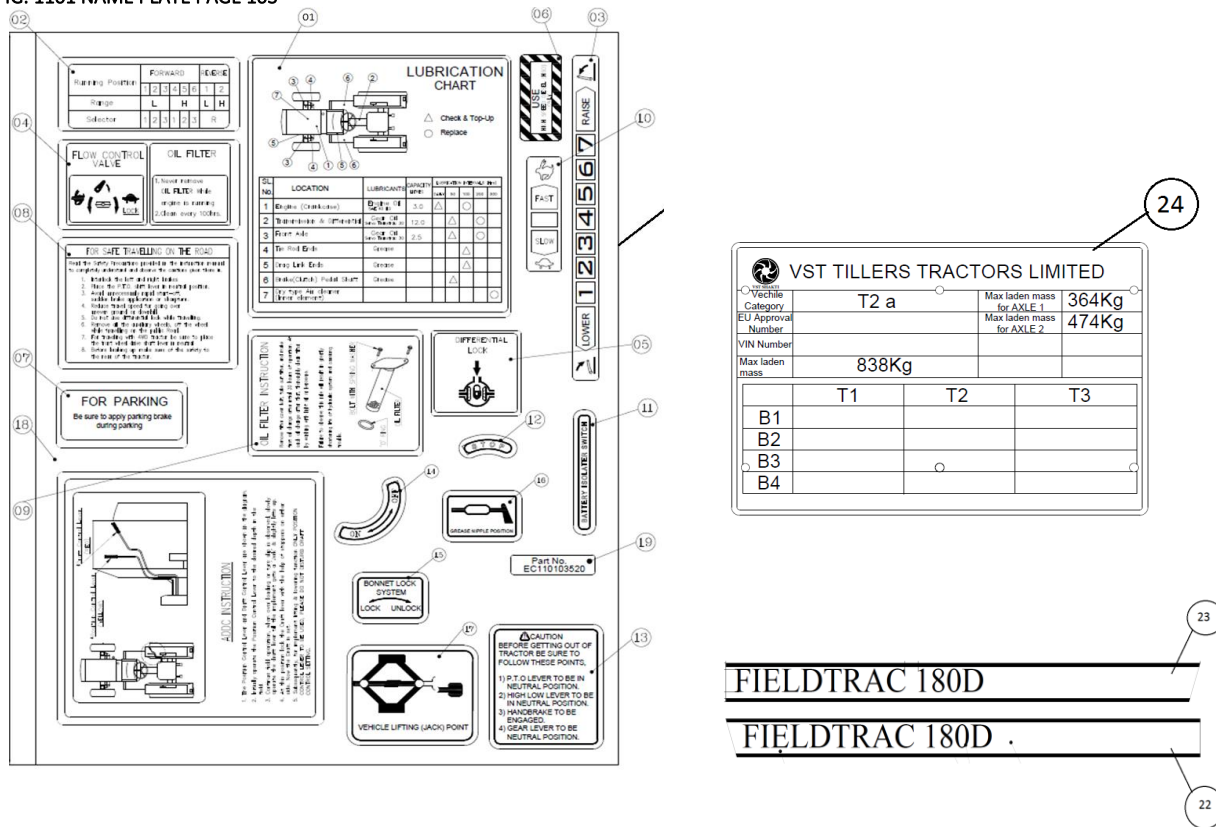
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
1	BCA32C00230A0	18100300712	INSTRUMENT CLUSTER IP 63	1	1			BFA32A00020A0	
1a	JDB34P00040A0		INSTRUMENT CLUSTER IP 67	1	1				
1b	BFA32A00020A0	221003001X0	INSTRUMENT CLUSTER IP 63			1	1	JEB34P00000A0	
1c	BEA32C00000A0		INSTRUMENT CLUSTER IP 67			1	1		
2	BFA32C00070A0	221003005x0	COMBINATION SWITCH	1	1	1	1		YES
3	BCB32C00000A0	22100300430	HAZARD SWITCH	1	1	1	1		YES
5	BCA32C00270A0	180114005X0	Glow Duration Unit	1	1	1	1		YES
6	BCA32A00050A0	18100401741	FLASHER UNIT ASSY	1	1	1	1		YES
7~8	BEF32C00020A0	181004023X0	FUSE BOX	1	1	1	1		YES
9	MSG0502000GA0	M13005020	Screw Round Head	2	2	2	2		YES
9a	MWL0601502BA0	M30406	WASHER, Spring	2	2	2	2		YES
10	MWA0701000BA0	M30006	WASHER, Plain	2	2	2	2		YES
11	BCA34C00420A0	221003003X0	STARTER SWITCH	1	1	1	1		YES
11	JDA34P00000A1		STARTER SWITCH	1	1	1	1	With eng shut down	
11a	BCA34C00540A0	221003007X0	STARTER KEY	1	1	1	1		YES
13	BCA34C00410A0	221003002X0	STARTER RELAY	1	1	1	1		YES
14	JDA34C00040A0	JDA34C00040A	BUZZER ASSY	1	1	1	1		YES
15	MSG0201200GA0	MSG0201200GA	BUZZER MOUNTING SCREW M2X0.4XL	2	2	2	2		YES
15A	MWA2000400GA0	MWA2000400GA	PLAIN WASHER M2x0.35	2	2	2	2	M2	YES
15B	MNG0201600GA0	MNG0201600GA	BUZZER MOUNTING NUT M2X0.4XT1.6	2	2	2	2		YES
16	JDA34C00050A0	JDA34C00050A	REVOLING LIGHT SWITCH	1	1	1	1		

FIG. 1005 BATTERY



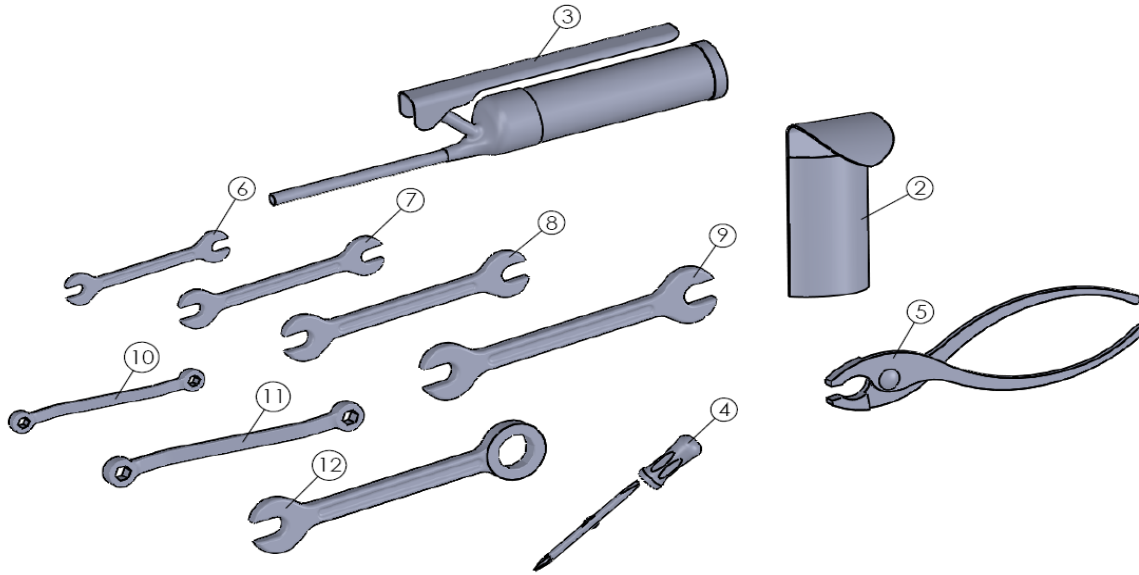
Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				Description	Servicable
				180D		224D			
				MS	PS	MS	PS		
1~2	JDA30C00010A0	JDA30C00010A	CODE ASSY	1	1	1	1	M6	YES
3~4	BCA29C00040A0	18100500232	MINUS, cable	1	1	1	1		YES
5	BCA29C00050A0	18100500822	CLAMP, battery	1	1	1	1		YES
7	MNA0605501BA0	M17006	NUT	4	4	4	4		YES
8-10	JDB29A00000A0	19822883000	BATTERY SET	1	1	1	1	M6	YES
11	MWA0701000BA0	M30006	WASHER, plain	2	2	2	2		YES
12	JDA30C00000A0	JDA30C00000A	Battery isolator cable	1	1	1	1		YES
13	BCA29C00000A0	BCA29C00000A	BATTERY SWITCH BRACKET PAINTED	2	2	2	2		YES
14	JDA40C00120A0	JDA40C00120A	BATTERY ISOLATOR SWITCH	1	1	1	1		YES
15	MBA0601601BA0	M10006016	BOLT HEX, HEAD	2	2	2	2		YES
16	MWA0701000BA0	M30006	PLAIN WASHER	2	2	2	2		YES
17	MWL0601502BA0	M30406	SPRING WASHER	2	2	2	2		YES

FIG. 1101 NAME PLATE PAGE 103



Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				DESCRIPTION	Servicable
				180D		224D			
				MS	PS	MS	PS		
1~21	JEA40C00060A0	EC110103525	STICKER, tractor English	set		set		English	YES
1~21	JDA40C00190A0	JDA40C00190B	STICKER, tractor English		set		set	English	YES
1~21	JDG40C00000A0	JDG40C00000B	STICKER TRACTOR FRANCE (M/S)	set		set		French	YES
1~21	JEH40C00000A0	JEH40C00000B	STICKER TRACTOR FRANCE (P/S)		set		set	French	YES
22-23	JEA40C00020A0		FIELDTRAC 224D RH&LH			1	1	Side bonnet sticker	YES
22-23	JEA40C00020A0		FIELDTRAC 180D RH&LH	1	1				YES
25	BDA40C00030A0	JDA40C00220A	ENGINE NAME PLATE (K3C)	1	1	1	1		YES
26	BCA40C00060A0		EMBLEM	1	1	1	1		YES
27	BCA40C00160A0	18110100234	LABEL, delivery caution	1	1	1	1		YES
28	BCA40C00030A0	18110101840	LABLE 'OK'	1	1	1	1		YES
29	JTA40C00070A0	EC110100231	NUMBER plate front	1	1	1	1		YES

FIG. 1201 TOOL KIT



Key no	New ERP Number	Old Parts Number	Parts Name	Quantity				DESCRIPTION	Servicable
				180D		224D			
				MS	PS	MS	PS		
1~12	BCA97C00060A0	181201001X0	TOOL KIT	SET	SET				YES
2	BCA97C00070A0	181201002X0	TOOL BAG	1	1				NO
3	BCA97C00080A0	181201003X0	PUMP, Grease	1	1				NO
4	BCA97C00090A0	181201004X0	DRIVER, screw	1	1				NO
5	BCA97C00100A0	181201005X0	PLIER, cutting	1	1				NO
6	BCA97C00110A0	181201006X0	D.E.SPANNER	1	1			10X11	NO
7	BCA97C00120A0	181201007X0	D.E.SPANNER	1	1			12X13	NO
8	BCA97C00130A0	181201008X0	D.E.SPANNER	1	1			16X17	NO
9	BCA97C00140A0	181201009X0	D.E.SPANNER	1	1			21X23	NO
10	BCA97C00150A0	181201010X0	RING, SPANNER	1	1			16X17	NO
11	BCA97C00160A0	181201011X0	RING, SPANNER	1	1			19X21	NO
12	BCA97C00170A0	181201012X0	RING & OPEN SPANNER	1	1			18X18	NO