



SHRACHI[®]

Agrimech

Khushali Hamesha

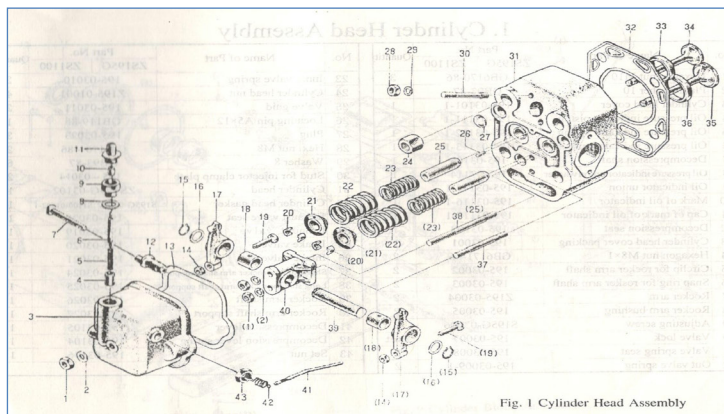
PARTS CATALOGUE



Shrachi Champion And SF-15 DI Power Tiller

Parts Catalog
Engine Catalog

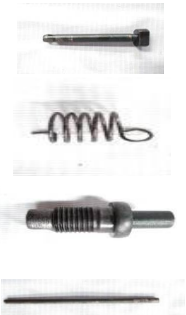
Cylinder Head Assembly (Fig. I)



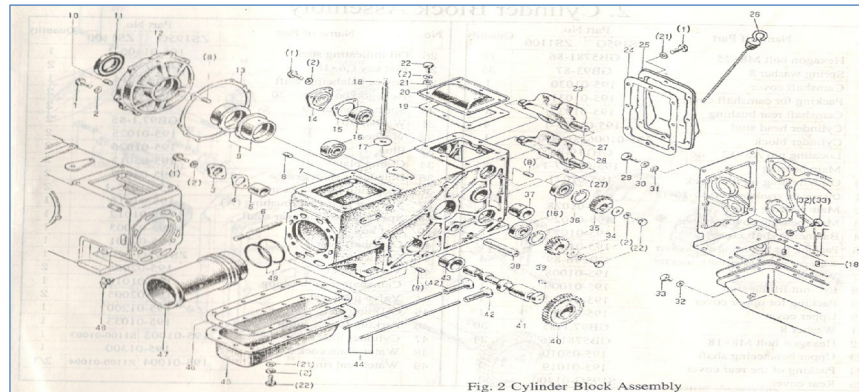
SI. NO.	PART IMAGE	DESCRIPTION	CHINESE CODE	ERP CODE	GRP	QTY PER MACHINE
1		Hexagon Nut M10	GB6170-86	SPPTSHEN010010	GB	3
2		Plain Washer	GB93-87	SPPTSHEN010020	GB	3
3		Cylinder Head Cover	195-03101-1	SPPTSHEN010030	SP	1
4		Oil pressure indicator piston	195-03111-1	SET CODE BELOW	SP	1
5		Oil pressure indicator spring	195-03112-1	SET CODE BELOW	SP	1
6		Oil pressure indicator spindle	195-03113-1	SET CODE BELOW	SP	1
7		Decompression shaft	195-03103	SPPTSHEN010070	SP	1
8		Oil pressure indicator union washer	195-03114	SET CODE BELOW	SP	1
9		Oil indicator union	195-03115-1	SET CODE BELOW	SP	1
10		Mark of oil indicator	195-03116-1	SET CODE BELOW	SP	1
11		Cap of mark of oil indicator	195-03117-1	SET CODE BELOW	SP	1
12		Decompression seat	195-03102	SPPTSHEN010120	SP	1
13		Cylinder head cover packing	195-03001	SPPTSHEN010130	SP	1

14		Hexagon nut M8x1	GB6171-86	SET CODE BELOW	GB	2
15		Circlip for rocker arm shaft	195-03002	SET CODE BELOW	SP	2
16		Snap ring for rocker arm shaft	195-03003	SET CODE BELOW	SP	2
17		Rocker arm	Z195-03004	SET CODE BELOW	SP	2
18		Rocker arm bushing	195-03005	SET CODE BELOW	SP	2
19		Adjusting screw	S195G-03006	SET CODE BELOW	SP	2
20		Valve lock	195-03007	SPPTSHEN010200	SP	2 Set
21		Valve spring seat	195-03008	SPPTSHEN010210	SP	2
22		Outer valve spring	195-03009-1	SET CODE BELOW	SP	2
23		Inner valve spring	195-03010	SET CODE BELOW	SP	2
24		Cylinder head nut	Z195-01001	SPPTSHEN010240	SP	4
25		Valve guide	195-03011	SPPTSHEN010250	SP	2
26		Locating pin A5x12	GB119-86	SPPTSHEN010260	GB	1
27		Plug	195-03023	SPPTSHEN010270	SP	3
28		Hex. Nut M8	GB6170-86	SPPTSHEN010280	GB	2
29		Washer 8	GB93-87	SPPTSHEN010290	GB	6
30		Stud for injector clamp plate	195-03014	SPPTSHEN010300	SP	2
31		Cylinder head	ZS195G-03102	SPPTSHEN010310	SP	1
32		Cylinder head gasket	S1100-01002-1	SPPTSHEN010320	SP	1
33		Exhaust valve seat	195-03028	SPPTSHEN010330	SP	1
34		Exhaust valve	195-03019	SET CODE BELOW	SP	1
35		Intake valve	195-03020	SET CODE BELOW	SP	1

36		Intake valve seat	195-03021	SPPTSHEN010360	SP	1
37		Short stud for rocker arm shaft support	195-03024	SPPTSHEN010370	SP	1
38		Long stud for rocker arm shaft support	195-03025	SPPTSHEN010380	SP	1
39		Rocker arm shaft	195-03026	SET CODE BELOW	SP	1
40		Rocker arm shaft support	195-03027	SET CODE BELOW	SP	1
41		Decompression lever	195-03105	SPPTSHEN010410	SP	1
42		Decompression lever spring	195-03104	SPPTSHEN010420	SP	1
43		Set nut	195-03106	SPPTSHEN010430	SP	1
SI. NO.	PART IMAGE	DESCRIPTION	INCLUDES PARTS	ERP CODE	GRP	QTY PER MACHINE
1		Rocker Arm Complete Set	2 ROCKER ARM, 1 ROCKER ARM SHAFT, 1 ROCKER ARM POST, 2 CIRCLIP2 SNAP RING, 2 BUSH, 2 ADJUSTING SCREW & 2 NUT	SPPTSHENST0010	SP - SET	1
2		Oil Indicator Complete Set	Oil Indicator Complete Set	SPPTSHENST0080	SP - SET	1
3		Valve Set	1- INTAKE VALVE & 1-EXHAUST VALVE	SPPTSHENST0120	SP - SET	1
4		Valve Seat Set	1- INTAKE VALVE SEAT & 1- EXHAUST VALVE SEAT	SPPTSHENST0140	SP - SET	1
5		Valve spring set	Outer valve spring & Inlet valve spring	SPPTSHENST0150	SP - SET	1

6		Decompression Lever Complete		SPPTSHENST0170	SP - SET	1
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Cylinder Block Assembly (Fig. II)



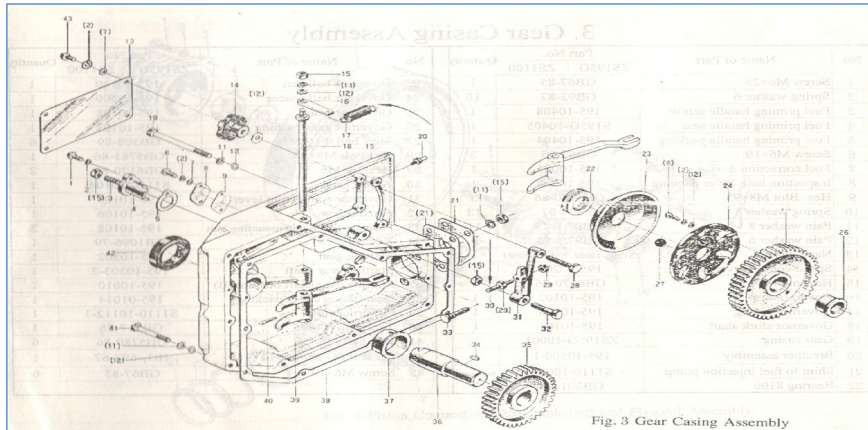
Sl. NO.	PART IMAGE	DESCRIPTION	CHINESE CODE	ERP CODE	GRP	QTY PER MACHINE
1		Hexagon Bolt M8x25	GB5781-86		GB	19
2		Spring washer 8	GB93-87		GB	35
3		Camshaft cover	195-01030	SPPTSHEN020030	SP	1
4		Packing for camshaft cover	195-01031	SPPTSHEN020040	SP	1
5		Camshaft rear bushing	195-01032	SPPTSHEN020050	SP	1
6		Cylinder head stud	195-01005-1	SPPTSHEN020060	SP	4
7		Cylinder block	S1100-01006	SPPTSHEN020070	SP	1
8		Locking pin A5x12	GB119-86	SPPTSHEN020080	GB	4
9		Main bearing	195-01027-1	SPPTSHEN020090	SP	2
10		Oil hole plug on the block	195-01021	SPPTSHEN020100	SP	3
11		Oil seal for crankshaft PD 50x80x12		SPPTSHEN020110	SP	1

12		Main bearing cover	195-01028	SPPTSHEN020120	SP	1
13		Main bearing cover washer	195-01029	SPPTSHEN020130	SP	AS REQD
14		Balancing shaft cover	195-01023	SPPTSHEN020140	SP	1
15		Packing for balancing shaft cover	195-01022	SPPTSHEN020150	SP	1
16		Single row self-centering ball bearing 205	GB276-89	SPPTSHEN020160	GB	4
17		Washer	195-01008	SPPTSHEN020170	SP	1
18		Eye-nut lifting stud	195-01009	SPPTSHEN020180	SP	1
19		Packing for upper cover	195-01012	SPPTSHEN020190	SP	1
20		Upper cover	195-01011	SPPTSHEN020200	SP	1
21		Washer 8	GB97.1-85	SPPTSHEN020210	GB	30
22		Hexagon bolt M8x18	GB5781-86	SPPTSHEN020220	GB	24
23		Upper balancing shaft	195-05010	SPPTSHEN020230	SP	1
24		Packing of the rear cover	195-01019	SPPTSHEN020240	SP	1
25		Rear cover	S195G-01400	SPPTSHEN020250	SP	1

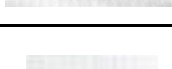
26		Oil indicating stick	195-01100-2	SPPTSHEN020260	SP	1
27		Flat key C6x18	GB1096-79	SPPTSHEN020270	GB	2
28		Lower balancing shaft	195-05014	SPPTSHEN020280	SP	1
29		Hexagon bolt M10x20	GB5781-86		GB	2
30		Spring washer 10	GB93-87		GB	2
31		Washer 10	GB97.1-85		GB	2
32		Washer	195-01025	SPPTSHEN020320	SP	2
33		Plug	195-01026	SPPTSHEN020330	SP	2
34		Clamp plate	195-05013	SPPTSHEN020340	SP	2
35		Balancing shaft gear	195-05012	SPPTSHEN020350	SP	2
36		Snap ring for ball bearing	195-01015-1	SPPTSHEN020360	SP	2
37		Starting gear shaft bushing (A)	195-01016	SPPTSHEN020370	SP	1
38		Speed governing gear shaft	195-01017	SPPTSHEN020380	SP	1
39		Flat key C6x18	195-02003	SPPTSHEN020390	SP	1
40		Camshaft gear	195-02001	SPPTSHEN020400	SP	1
41		Camshaft	ZS195G-02001	SPPTSHEN020410	SP	1

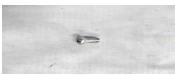
42		Valve tappet	195-02004	SPPTSHEN020420	SP	2
43		Camshaft front bushing	195-01018	SPPTSHEN020430	SP	1
44		Valve push rod	195-02005	SPPTSHEN020440	SP	2
45		Oil sump	195-01200	SPPTSHEN020450	SP	1
46		Packing for oil sump	195-01033	SPPTSHEN020460	SP	1
47		Cylinder liner	S1100-01003	SPPTSHEN020470	SP	1
48		Water drain cock ZG1/4"	195-01300	SPPTSHEN020480	SP	1
49		Water seal ring	Z1100-01004	SPPTSHEN020490	SP	3

Gear Casing Assembly (Fig. III)

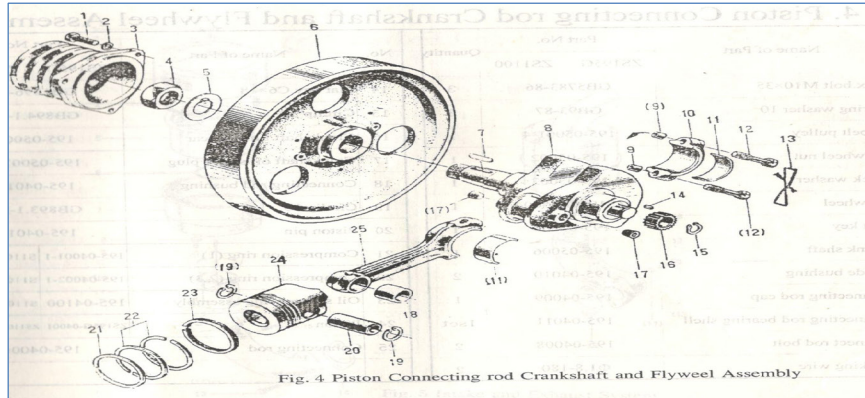


SI. NO.	PART IMAGE	DESCRIPTION	CHINESE CODE	ERP CODE	GRP	QTY PER MACHINE
1		Screw M6x25	GB67-85	NA	GB	1
2		Spring washer 6	GB93-87	NA	GB	10
3		Fuel priming handle screw	195-10408	SPPTSHEN030030	SP	1
4		Fuel priming handle seat	S195G-10405	SPPTSHEN030040	SP	1
5		Fuel priming handle packing	195-10404	SPPTSHEN030050	SP	1
6		Screw M6x16	GB67-85	SPPTSHEN030060	GB	3
10		Hex. Bolt M8x95	GB5780-86		GB	3
11		Spring washer 8	GB93-87		GB	13
12		Plain washer 8	GB97.1-85		GB	11
14		Speed-control lever knob	195-10200	SPPTSHEN030140	SP	1
15		Hex. Nut M8	GB6170-86	SPPTSHEN030150	GB	5
16		Governor arm	195-10102	SET CODE BELOW	SP	1
17		Governor spring	195-10103	SPPTSHEN030170	GB	1
18		Governor fork shaft	195-10101	SET CODE BELOW	SP	1
19		Gear casing	ZS195G-10001	SPPTSHEN030190	SP	1

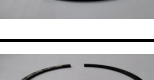
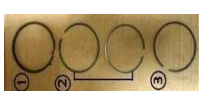
20		Breather assembly	195-10500-1	SPPTSHEN030200	SP	1
21		Shim for fuel injection pump	S1110-10002	SPPTSHEN030210	SP	AS REQD
22		Bearing 8106	GB301-84	SPPTSHEN030220	GB	1
23		Governor ball fact	195-10110	SPPTSHEN030230	SP	1
24		Governor ball spacer	195-10109	SPPTSHEN030240	SP	1
25		Governor gear	195-10108	SPPTSHEN030250	SP	1
26		Governor gear bushing	195-10107	SPPTSHEN030260	GB	1
27		Steel ball Ø16	GB308-89	SPPTSHEN030270	GB	6
28		Hex. Bolt M8x40	GB5781-86	SPPTSHEN030280	GB	1
29		Hex. Nut M6	GB6170-86	SPPTSHEN030290	GB	2
30		Adjust screw	S1110-10104	SPPTSHEN030300	SP	1
31		Governor connecting lever	195-10105	SPPTSHEN030310	GB	1
32		Fixed screw	195-10106	SPPTSHEN030320	SP	1
33		Fuel injection pump mounting bolt	195-10108	SPPTSHEN030330	SP	3
34		Key A8x18	GB1096-79	SPPTSHEN030340	GB	1
35		Starting gear	195-10302	SPPTSHEN030350	SP	1
36		Starting gear shaft	195-10303-2	SPPTSHEN030360	SP	1
37		Starting gear shaft bushing (B)	195-10010	SPPTSHEN030370	SP	1
38		Gear casing cover packing	195-01014	SPPTSHEN030380	SP	1
39		Governor fork	S1110-10112-1	SPPTSHEN030390	SP	1

40		Taper pin B4x25	GB117-86	SPPTSHEN030400	GB	1
41		Hex. Bolt M8x55	GB5780-86	SPPTSHEN030410	GB	6
42		Oil seal PG 35x60x12	HG-692-67	SPPTSHEN030420	SP	1
43		Screw M6x14	GB67-85	SPPTSHEN030430	GB	6
SI. NO.	PART IMAGE	DESCRIPTION	INCLUDES PARTS	ERP CODE	GRP	QTY PER MACHINE
1		Governor Set	195-10101, 195-10102	SPPTSHENST0130	SP - SET	1

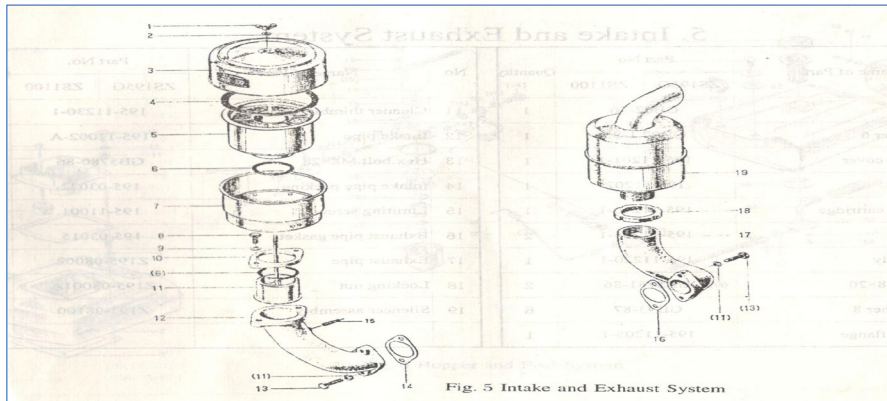
Piston Connecting Rod Crankshaft And Flywheel Assembly (Fig. IV)



Sl. NO.	PART IMAGE	DESCRIPTION	CHINESE CODE	ERP CODE	GRP	QTY PER MACHINE
1		Hexagon Bolt M10X35	GB5783-86	SPPTSHEN040010	SP	3
2		Spring Washer 10	GB93-87	SPPTSHEN040020	SP	3
3		V-belt pulley	195-05001-4	SPPTSHEN040030	SP	1
4		Flywheel nut	195-05002	SPPTSHEN040040	SP	1
5		Lock Washer	195-05003	SPPTSHEN040050	SP	1
6		Flywheel	ZS195G-05004	SPPTSHEN040060	SP	1
7		Flat key	195-05005	SPPTSHEN040070	SP	1
8		Crank shaft	195-05006	SPPTSHEN040080	SP	1
9		Guide bushing	195-04010	SPPTSHEN040090	SP	2
10		Connecting rod cap	195-04009	SET CODE BELOW	SP	1
11		Connecting rod bearing shell	195-04011	SPPTSHEN040110	SP	1 Set
12		Connecting rod bolt	195-04008	SPPTSHEN040120	SP	2
14		Flat key C6x18	GB1096-79	SPPTSHEN040140	SP	1
15		Circlip 30	GB894.1-86	SPPTSHEN040150	SP	1

16		Crankshaft timing gear	195-05009	SPPTSHEN040160	SP	1
17		Crankshaft oil screw plug	195-05007A	SPPTSHEN040170	SP	2
18		Connecting rod bushing	195-04012	SPPTSHEN040180	SP	1
19		Circlip 35	GB893.1-86	SPPTSHEN040190	SP	2
20		Piston Pin	195-04013	SPPTSHEN040200	SP	1
21		Compression ring (1)	S1100-04001	SET CODE BELOW	SP	1
22		Compression ring (2,3)	S1100-04002	SET CODE BELOW	SP	2
23		Oil scraper ring assembly	S1100-04100	SET CODE BELOW	SP	1
24		Piston 3 Groove			SP	1
24		Piston 4 Groove	ZS1100-04003-1	SPPTSHEN040240	SP	1
25		Connecting rod	195-04006	SET CODE BELOW	SP	1
SI. NO.	PART IMAGE	DESCRIPTION	INCLUDES PARTS	ERP CODE	GRP	QTY PER MACHINE
1		Piston Ring Comp. Set (15 HP DI)	1 + 2 COMPRESSION RING, 1 OIL SCRAPER RING	SPPTSHENST0020	SP - SET	1
2		Connecting Rod Set Complete	1 CONNECTING ROD AND 1 CONNECTING ROD CAP	SPPTSHENST0050	SP - SET	1

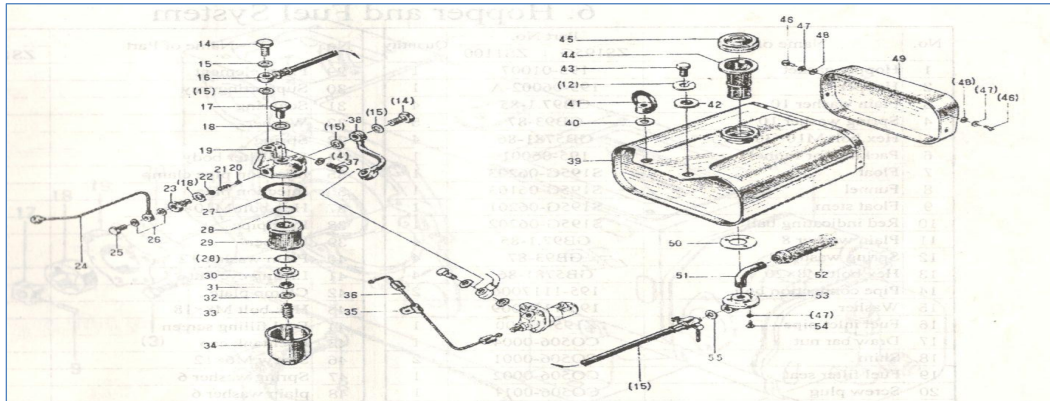
Intake and Exhaust System (Fig. V)



Sl. NO.	PART IMAGE	DESCRIPTION	CHINESE CODE	ERP CODE	GRP	QTY PER MACHINE
1		Wing Nut	GB5783-86	SET CODE BELOW	GB	1
2		Plain washer 6	GB93-87	SET CODE BELOW	GB	1
3		Air cleaner cover	195-11201-1	SET CODE BELOW	SP	1
5		Air cleaner cartridge	195-11210-1	SET CODE BELOW	SP	1
7		Cleaner body	195-11220-1	SET CODE BELOW	SP	1
12		Intake pipe	195-11002-A	SPPTSHEN050120	SP	1
14		Intake pipe packing	195-03022	SPPTSHEN050140	SP	2
16		Exhaust pipe gasket	195-03015	SPPTSHEN050160	SP	1
17		Exhaust Pipe	Z195-08002	SPPTSHEN050170	SP	1
18		Lock Nut	Z195-08001A	SPPTSHEN050180	SP	1
19		Silencer	Z195-08100-1	SPPTSHEN050190	SP	1

SI. NO.	PART IMAGE	DESCRIPTION	INCLUDES PARTS	ERP CODE	GRP	QTY PER MACHINE
1		Air Cleaner Assy Oil Bath	COMPLETE AIR CLEANER ASSEMBLY	SPPTSHENST0030	SP - SET	1

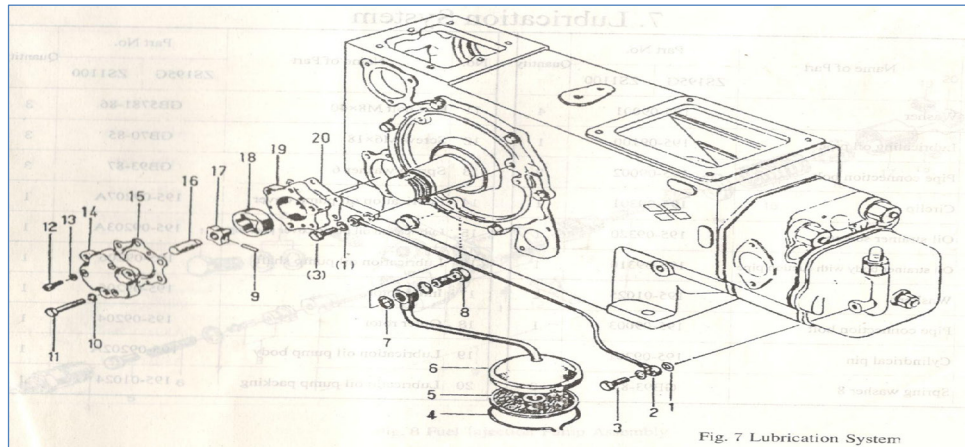
Fuel System (Fig. VI)

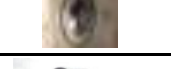


SI. NO.	PART IMAGE	DESCRIPTION	CHINESE CODE	ERP CODE	GRP	QTY PER MACHINE
14		Pipe connection bolt	195-1117006	SPPTSHEN060140	SP	2
15		Washer	195-1117009	SPPTSHEN060150	SP	2
16		Fuel inlet pipe	Z195-07100	SPPTSHEN060160	SP	1
17		Draw bar nut	CO506-0004	SET CODE BELOW	SP	1
18		Shim	CO506-0001	SET CODE BELOW	SP	2
19		Fuel filter seat	CO506-0002	SET CODE BELOW	SP	1
27		Seal ring	CO506-0003	SET CODE BELOW	SP	1
28		Seal ring	CO506-0005	SET CODE BELOW	SP	2
29		Filter element	CO506-1000	SET CODE BELOW	SP	1
30		Supporting tray	CO506-0006	SET CODE BELOW	SP	1
32		Washer	CO506-0015	SET CODE BELOW	SP	1

33		Spring	CO506-0016	SET CODE BELOW	SP	1
34		Fuel filter body	CO506-3000	SET CODE BELOW	SP	1
35		Injection pipe clamp	195-07205	SPPTSHEN060350	SP	1
36		Injection pipe	195-07200	SPPTSHEN060360	SP	1
38		Fuel pipe	195-07800	SPPTSHEN060380	SP	1
40		Plain washer 12	GB97.1-85	SPPTSHEN060400	SP	1
41		Lifting eye nut	195-01010	SPPTSHEN060410	SP	1
44		Fuel filling screen	195-07400	SPPTSHEN060440	SP	1
45		Fuel Tank cap	195-07300	SPPTSHEN060450	SP	1
SI. NO.	PART IMAGE	DESCRIPTION	INCLUDES PARTS	ERP CODE	GRP	QTY PER MACHINE
1		FUEL FILTER ASSY	COMPLETE FUEL FILTER	SPPTSHENST0090	SP	1

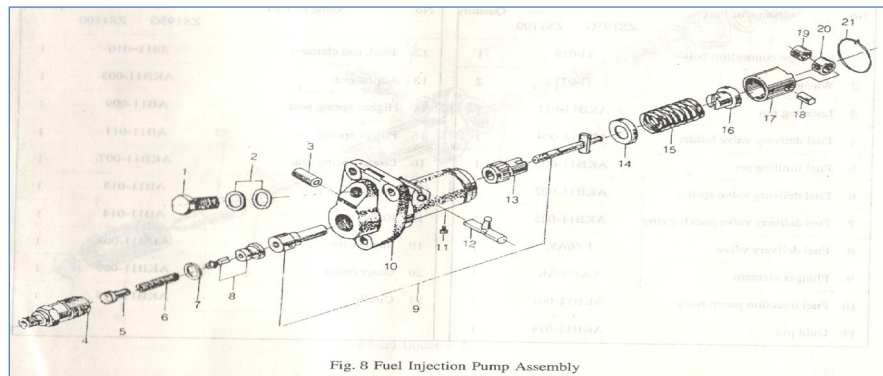
Lubrication System (Fig. VII)

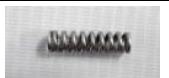


Sl. NO.	PART IMAGE	DESCRIPTION	CHINESE CODE	ERP CODE	GRP	QTY PER MACHINE
1		Washer	195-09001	SPPTSHEN070010	SP	1
2		Lubricating oil pipe	195-09100	SPPTSHEN070020	SP	4
3		Pipe connection bolt	195-09002	SPPTSHEN070030	SP	2
4		Circlip	195-09301	SPPTSHEN070040	SP	1
5		Oil strainer screen	195-09320	SPPTSHEN070050	SP	1
6		Oil strainer body with suction pipe	195-09310	SPPTSHEN070060	SP	1
7		Washer	195-01025	SPPTSHEN070070	SP	1
8		Pipe connection bolt	195-09003	SPPTSHEN070080	SP	1
9		Cylindrical pin	195-09201	SET CODE BELOW	SP	1
14		Lubrication oil pump cover	195-09207A	SET CODE BELOW	SP	1
15		Lubrication oil pump cover packing	195-09203A	SET CODE BELOW	SP	1
16		Lubrication oil pump shaft	195-09206	SET CODE BELOW	SP	1
17		Inner rotor	195-09205	SET CODE BELOW	SP	1
18		Outer rotor	195-09204	SET CODE BELOW	SP	1

19		Lubrication oil pump body	195-09202A	SET CODE BELOW	SP	1
20		Lubrication oil pump packing	195-01024	SPPTSHEN070200	SP	1
SI. NO.	PART IMAGE	DESCRIPTION	INCLUDES PARTS	ERP CODE	GRP	QTY PER MACHINE
1		Lub Oil Pump Comp Set	LUBRICATION PUMP COMPLETE SET	SPPTSHENST0040	SP - SET	1

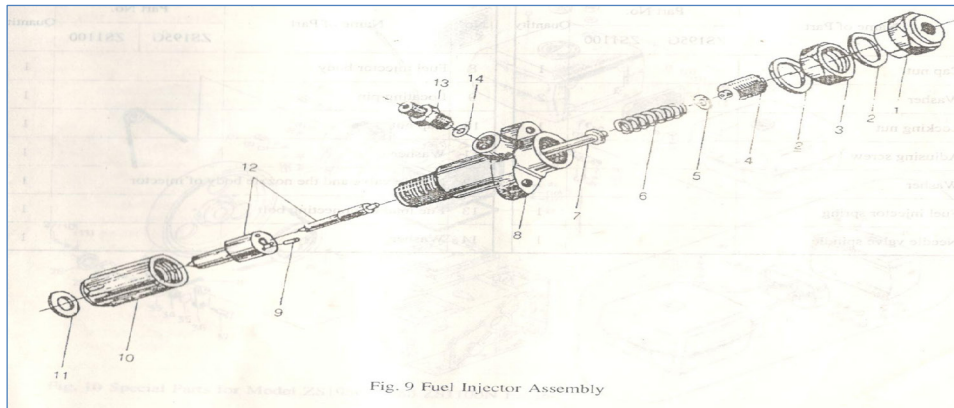
Fuel Injection Pump (Fig. VIII)



SI. NO.	PART IMAGE	DESCRIPTION	CHINESE CODE	ERP CODE	GRP	QTY PER MACHINE
1		Fuel pipe connection bolt	TI-019	SPPTSHEN080010	SP	1
2		Washer	TI-021	SPPTSHEN080020	SP	2
4		Fuel delivery valve holder	AKB11-004	SPPTSHEN080040	SP	1
6		Fuel delivery valve spring	AKB11-002	SPPTSHEN080060	SP	1
7		Fuel delivery valve packing ring	AKB11-005	SPPTSHEN080070	SP	1
8		Fuel delivery valve	FZ6AK	SPPTSHEN080080	SP	1
9		Plunger element	SAZ90AK	SPPTSHEN080090	SP	1
10		Fuel injection pump body	AKB11-001	SPPTSHEN080100	SP	1
11		Guide pin	AKB11-014	SPPTSHEN080110	SP	1

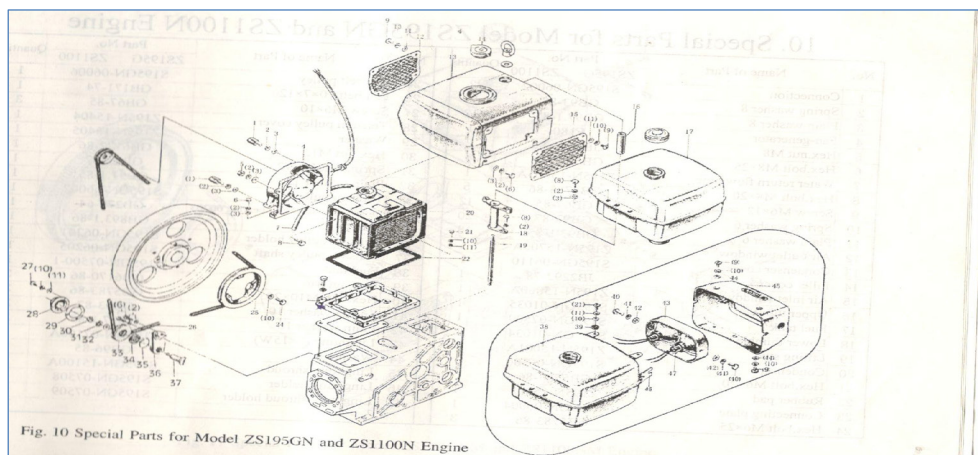
12		Rack rod element	AB11-010	SPPTSHEN080120	SP	1
13		Adjust gear	AKB11-003	SPPTSHEN080130	SP	1
14		Higher spring seat	AB11-009	SPPTSHEN080140	SP	1
15		Plunger spring	AB11-011	SPPTSHEN080150	SP	1
16		Lower spring seat	AKB11-007	SPPTSHEN080160	SP	1
17		Tappet	AB11-013	SPPTSHEN080170	SP	1
18		Roller pin	AB11-014	SPPTSHEN080180	SP	1
19		Inner roller	AKB11-008	SPPTSHEN080190	SP	1
20		Outer roller	AKB11-009	SPPTSHEN080200	SP	1
21		Circlip	AKB11-013	SPPTSHEN080210	SP	1
SI. NO.	PART IMAGE	DESCRIPTION	INCLUDES PARTS	ERP CODE	GRP	QTY PER MACHINE
1		FUEL PUMP COMPLETE SET	ALL THE ABOVE PARTS	SPPTSHENST0100	SP	1

Fuel Injector (Fig. IX)

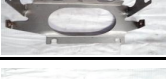


SI. NO.	PART IMAGE	DESCRIPTION	CHINESE CODE	ERP CODE	GRP	QTY PER MACHINE
1		Pipe connection bolt		SPPTSHEN090010	SP	1
2		Washer		SPPTSHEN090020	SP	2
SI. NO.	PART IMAGE	DESCRIPTION	INCLUDES PARTS	ERP CODE	GRP	QTY PER MACHINE
1		Fuel Injector	ALL THE ABOVE PARTS	SPPTSHENST0110	SP	1

Special Parts for Model ZS195GN and ZS1100N Engine (Fig. X)

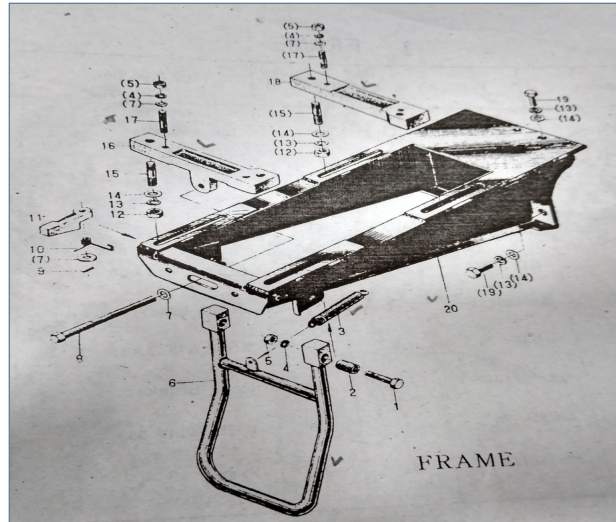


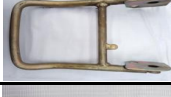
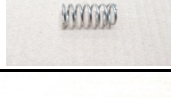
SI. NO.	PART IMAGE	DESCRIPTION	CHINESE CODE	ERP CODE	GRP	QTY PER MACHINE
4		Fan-generator	F180	SPPTSHEN100040	SP	
12		Air outlet window	Z195N-15700A	SPPTSHEN100120	SP	
13		Condenser cover	S195GN-06110	SPPTSHEN100130	SP	
14		Filler cover	JB2292-78	SPPTSHEN100140	SP	
15		Air inlet window	Z195N-15800A	SPPTSHEN100150	SP	
16		Upper thimble	S195GN-01035	SPPTSHEN100160	SP	
18		Lower thimble	S195GN-01034	SPPTSHEN100180	SP	
20		Condenser	S195GN-06300	SPPTSHEN100200	SP	
22		Rubber pad	Z195N15008	SPPTSHEN100220	SP	
23		Connecting plate	S195GN-06004	SPPTSHEN100230	SP	
25		Big belt pulley	S195GN-06006	SPPTSHEN100250	SP	
28		Tension pulley cover	Z195N-15404	SPPTSHEN100280	SP	
29		Washer	Z195N-15405	SPPTSHEN100290	SP	

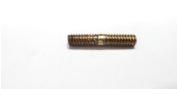
33		Tension pulley	S195GN-06002	SPPTSHEN100330	SP	
36		Tension pulley holder	S195GN-06201	SPPTSHEN100360	SP	
37		Tension pulley shaft	S195GN-06205	SPPTSHEN100370	SP	
38		Fuel tank	S195GN-07500-1	SPPTSHEN100380	SP	
43		Lighting (2x15W)	S195GN-07100A	SPPTSHEN100430	SP	
45		Lighting shroud	S195GN-15100A	SPPTSHEN100450	SP	
46		Lighting holder upper	S195GN-07508	SPPTSHEN100460	SP	
47		Lighting holder lower		SPPTSHEN100470	SP	
48		Fan Belt 10 X 7 X 1145 (A 44)		SPPTSHEN100480	SP	
SI. NO.	PART IMAGE	DESCRIPTION	INCLUDES PARTS	ERP CODE	GRP	QTY PER MACHINE
1		Engine Packing Kit Complete	ALL GASKETS OF ENGINE ASSEMBLY	SPPTSHENST0070	SP - SET	1
2		Engine Gear Set	2 nos. Balancing Shaft Gear, 1no. Camshaft Gear, 1 no. Governor Gear, 1no. Starting Gear	SPPTSHENST0060	SP - SET	1
3		LP Kit		SPPTSHENST0160	SP - SET	1

Parts Catalog
Transmission Catalog

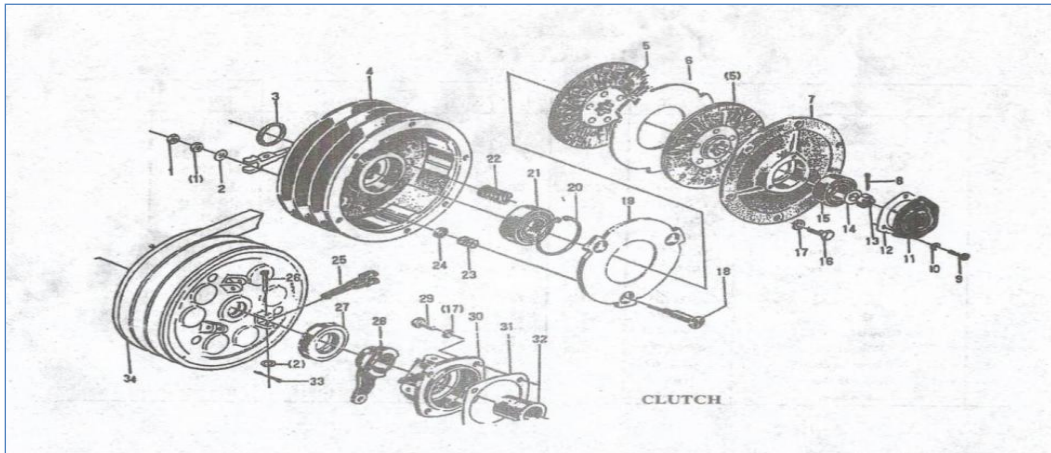
Frame (Fig. I)



SI. NO.	PART IMAGE	DESCRIPTION	CHINESE CODE	ERP CODE	GRP	QTY PER MACHINE
1		Bolt M12 x 50	GB30-76	SPPTSHBD010010	SP	2
2		Spacer	12-30129	SPPTSHBD010020	SP	2
3		Spring	11-30102	SPPTSHBD010030	GB	1
4		Lock washer 12	GB93-76	SPPTSHBD010040	GB	6
5		Nut M12	GB52-76	SPPTSHBD010050	GB	6
6		Bumper & Support	12-30013-2	SPPTSHBD010060	SP	1
7		Washer A12	GB97-76	SPPTSHBD010070	GB	6
8		Adjusting bolt	12-30101-1	SPPTSHBD010080	GB	1
9		Split pin 2.5 x 16	GB91-76	SPPTSHBD010090	GB	1
10		Spring	12-30132-1	SPPTSHBD010100	SP	1
11		Insunance	12-30130-1	SPPTSHBD010110	SP	1

12		Nut M14	GB52-76	SPPTSHBD010120	GB	4
13		Lock washer 12	GB93-76	SPPTSHBD010130		9
14		Washer A14	GB97-76	SPPTSHBD010140		9
15		Stud AM14 x 30	GB898-76	SPPTSHBD010150		4
16		Front braket	12-30120-2	SPPTSHBD010160	SP	1
16		Front bracket for SK PT		SPPTSHBD010161	SP	1
17		Stud AM12 x 35	GB898-76	SPPTSHBD010170	GB	4
18		Rear Bracket	12-30121-2	SPPTSHBD010180	SP	1
18		Rear Bracket For SK PT		SPPTSHBD010181	SP	1
19		Bolt M14 x 35	GB30-76	SPPTSHBD010190	GB	5
20		Frame	12-30011-2	SPPTSHBD010200	SP	1

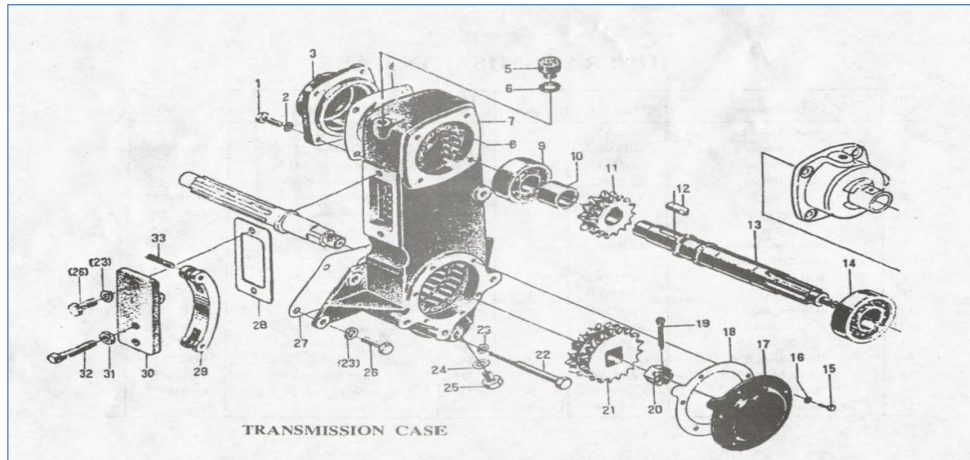
Clutch (Fig. II)



SI. NO.	PART IMAGE	DESCRIPTION	CHINESE CODE	ERP CODE	GRP	QTY PER MACHINE
1		Nut M8	GB52-76	NA	GB	6
2		Washer A8	GB97-76	NA	GB	6
3		Felt Packing	7-21111	SPPTSHBD020030	SP	1
4		Pulley	12-21101	SPPTSHBD020040	SP	1
5		Driven Disk	7-21011	SPPTSHBD020050	SP	2
6		Clutch Plate	12-21105	SPPTSHBD020060	SP	1
7		Pulley Cover	12-21102	SPPTSHBD020070	SP	1
8		Split Pin 2.5X30	GB91-76	NA	GB	1
9		Screw M6X14	GB67-76	NA	GB	3
10		Lock Washer 6	GB93-76	NA	GB	3
11		Cover	12-21103	SPPTSHBD020110	SP	1
12		Gasket	12-21104	SPPTSHBD020120	SP	1
13		Crown Nut M12	GB60-76	NA	GB	1

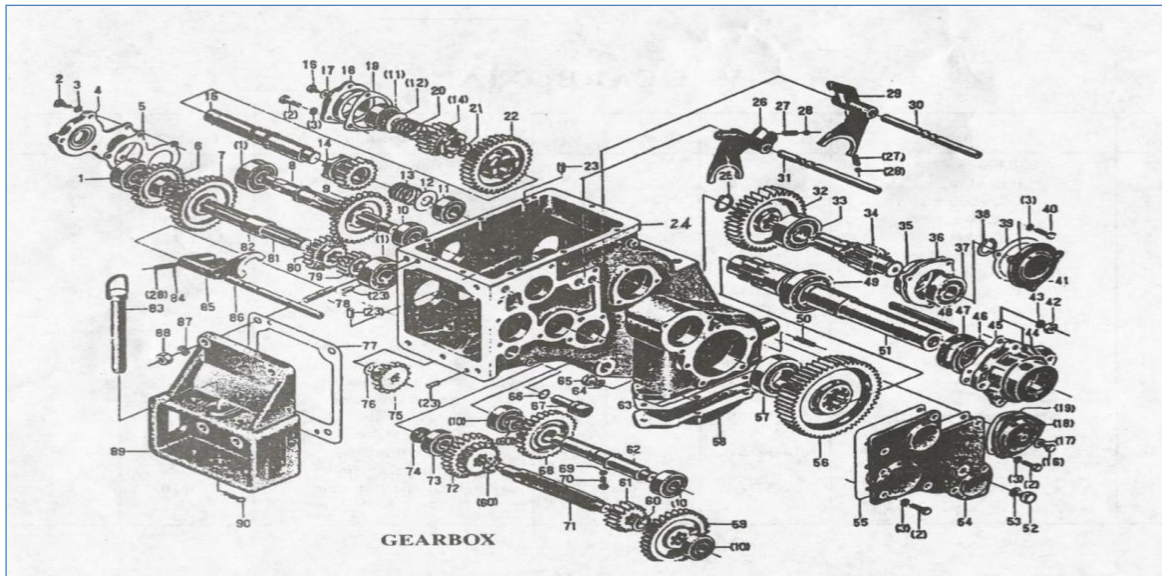
14		Washer 12	GB97-76	NA	GB	1
15		Ball Bearing 60204	GB278-64	NA	GB	1
16		Bolt M8X14	GB30-76	NA	GB	6
17		Lock Washer 8	GB93-76	NA	GB	10
18		Adjusting Bolt	12-21115-1	SPPTSHBD020180	SP	3
19		Clutch Plate	12-21106-1	SPPTSHBD020190	SP	1
20		Snap Ring 62	GB893-76	NA	GB	1
21		Ball Bearing 60206	GB278-64	NA	GB	1
22		Spring	12-21107	SPPTSHBD020220	SP	6
23		Spring	12-21114	SPPTSHBD020230	SP	3
24		Seal Boot	12-21011	SPPTSHBD020240	SP	3
25		Disengaging Lever	12-21111	SPPTSHBD020250	SP	3
26		Pivot	12-21116	SPPTSHBD020260	SP	3
27		Disengaging Bearing 68808K	7-21012	SPPTSHBD020270	SP	1
28		Cam	12-21109	SPPTSHBD020280	SP	1
29		Bolt M8X22	GB21-76	NA	GB	4
30		Cover	12-21110	SPPTSHBD020300	SP	1
31		Gasket	12-37312	SPPTSHBD020310	SP	1
32		Guide Sleeve	12-21108	SPPTSHBD020320	SP	1
33		Split Pin 1.5X15	GB91-76	NA	GB	3
34		Belt Conventional B1956	HGB4003-60	NA	GB	3

Transmission Case (Fig. III)

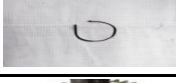
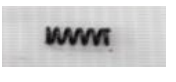


SI. NO.	PART IMAGE	DESCRIPTION	CHINESE CODE	ERP CODE	GRP	QTY PER MACHINE
1		Bolt M8X22	GB21-76	NA	GB	4
2		Lock Washer 8	GB93-76	NA	GB	4
3		Cover	12-37313	SPPTSHBD030030	SP	1
4		Gasket	12-37312	SPPTSHBD030040	SP	1
5		Plug	12-37310	SPPTSHBD030050	SP	1
6		Rubber Washer	12-37309	SPPTSHBD030060	SP	1
7		Case	12-37302	SPPTSHBD030070	SP	1
8		Roller Chain Double Row 1/2" (52 Links)	12-37031	SPPTSHBD030080	SP	1
9		Ball Bearing 305	GB276-64	SPPTSHBD030090	GB	1
10		Spacer	12-37311	SPPTSHBD030100	SP	1
11		Drive Sprocket	12-37308	SPPTSHBD030110	SP	1
12		Key C8X20	GB1096-73	SPPTSHBD030120	GB	1
13		Shaft	12-37307-1	SPPTSHBD030130	SP	1
14		Ball Bearing 306	GB276-64	SPPTSHBD030140	GB	1

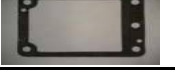
15		Bolt M6X12	GB30-76	SPPTSHBD030150	GB	6
16		Lock Washer 6	GB93-76	SPPTSHBD030160	GB	6
17		Transmission Case Cover	12-37305	SPPTSHBD030170	SP	1
18		Gasket	12-37306	SPPTSHBD030180	SP	1
19		Split Pin 4X35	GB91-76	SPPTSHBD030190	GB	1
20		Crown Nut M18X1.5	GB60-76	SPPTSHBD030200	GB	1
21		Driven Sprocket	12-37303	SPPTSHBD030210	SP	1
22		Bolt M10X85	GB30-76	SPPTSHBD030220	GB	3
23		Lock Washer 10	GB93-76	SPPTSHBD030230	GB	9
24		Washer	12-37145	SPPTSHBD030240	SP	1
25		Plug	12-37144	SPPTSHBD030250	SP	1
26		Bolt M10X22	GB30-76	SPPTSHBD030260	GB	6
27		Gasket	12-37301	SPPTSHBD030270	SP	1
28		Gasket	12-37321	SPPTSHBD030280	SP	1
29		Chain Tensioner	12-37320-2	SPPTSHBD030290	SP	1
30		Chain Tensioner Seat	12-37319-3	SPPTSHBD030300	SP	1
31		Bolt M10	GB54-76	SPPTSHBD030310	GB	1
32		Bolt M10 x 50	GB85-76	SPPTSHBD030320	GB	1
33		Pin 6 jc 4 x 35	GB119-76	SPPTSHBD030330	GB	1

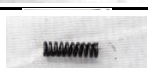
Gear Box (A) (Fig. IV)


SI. NO.	PART IMAGE	DESCRIPTION	CHINESE CODE	ERP CODE	GRP	QTY PER MACHINE
1		Ball Bearing 6305	GB276-94	NA	GB	3
2		Bolt M8X20	GB21-76	NA	GB	26
3		Lock Washer 8	GB93-76	NA	GB	48
4		Cover	12-37137	SPPTSHBD040040	SP	1
5		Gasket	12-37138	SPPTSHBD040050	SP	1
6		Drive Gear - Second Speed	12-37134	SPPTSHBD040060	SP	1
7		Drive Gear - Third Speed	12-37135	SPPTSHBD040070	SP	1
8		Range Shaft	12-37174	SPPTSHBD040080	SP	1
9		Range Shaft Gear	12-37130	SPPTSHBD040090	SP	1
10		Ball Bearing 6304	GB276-64	NA	GB	4
11		Ball Bearing 6205	GB276-64	NA	GB	2
12		Washer	12-37159	SPPTSHBD040120	SP	2
13		Steering Spring (R.H.)	12-37158	SPPTSHBD040130	SP	1
14		Steering Gear	12-37157	SPPTSHBD040140	SP	2

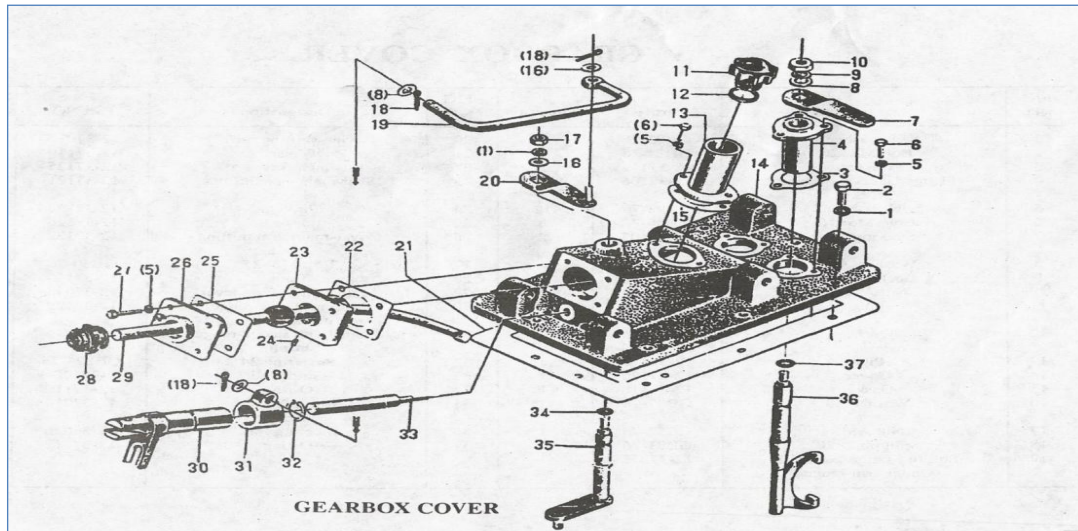
15		Steering Shaft	12-37160	SPPTSHBD040150	SP	1
16		Bolt M10X10	GB30-76	NA	GB	2
17		Washer A8	GB97-76	NA	GB	4
18		Cover	12-37161	SPPTSHBD040180	SP	2
19		Gasket	12-37140	SPPTSHBD040190	SP	2
20		Steering Spring (L.H.)	12-37139	SPPTSHBD040200	SP	1
21		Snap Ring 30	GB895-76	NA	GB	1
22		Gear	12-37162	SPPTSHBD040220	SP	1
23		Dowel Pin 8D4X16	GB119-76	NA	GB	4
24		Transmission Case	12-37133S-1	SPPTSHBD040240	SP	1
25		Snap Ring 32	GB894-76	NA	GB	2
26		Shifting Fork - Second/ Third Speed	12-37113	SPPTSHBD040260	SP	1
27		Detent Spring - Main Gearshifting Fork	12-37108	SPPTSHBD040270	SP	2
28		Ball 5/16"	GB308-64	NA	GB	3
29		Shifting Fork - First/ Reverse Speed	12-37109	SPPTSHBD040290	SP	1
30		Shifting Shaft - First/ Reverse Speed Shifting Fork	12-37107	SPPTSHBD040300	SP	1
31		Shifting Rod - Second/ Third Speed Shifting Fork	12-37144	SPPTSHBD040310	SP	1
32		Gear	12-37143	SPPTSHBD040320	SP	2
33		Ball Bearing 6207	GB276-64	NA	GB	2
34		Shaft	12-37155-1	SPPTSHBD040340	SP	2

35		Bearing Housing	12-37153	SPPTSHBD040350	SP	2
36		Gasket	12-37152	SPPTSHBD040360	SP	2
37		Ball Bearing 6206	GB276-64	NA	GB	2
38		Snap Ring 30	GB894-76	NA	GB	2
39		Gasket	12-37154	SPPTSHBD040390	SP	2
40		Bolt M8X22	GB30-76	NA	GB	6
41		Cover	12-37156	SPPTSHBD040410	SP	2
42		Nut A M10	GB52-76	NA	GB	12
43		Lock Washer 10	GB93-76	NA	GB	13
44		Bearing Housing	12-37150	SPPTSHBD040440	SP	2
45		Gasket	12-37149	SPPTSHBD040450	SP	2
46		Seal 45X70X5	7-39011	SPPTSHBD040460	SP	2
47		Seal 45X70X12	12-37019	SPPTSHBD040470	SP	2
48		Key	12-37104	SPPTSHBD040480	SP	2
49		Ball Bearing 6209	GB276-64	NA	GB	2
50		Stud AIM 10X25	GB898-76	NA	GB	10
51		Final Drive Shaft	12-37151	SPPTSHBD040510	SP	2
51		Final Drive Shaft With Hub		SPPTSHBD040511	SP	2
52		Plug	12-37315	SPPTSHBD040520	SP	1
53		Washer	12-37314	SPPTSHBD040530	SP	1
54		Cover	12-37172	SPPTSHBD040540	SP	1
55		Gasket	12-37173	SPPTSHBD040550	SP	1
56		Final Drive Gear	12-37147-1	SPPTSHBD040560	SP	2

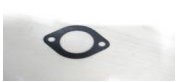
57		Ball Bearing 6208	GB276-64	NA	GB	2
58		Cover	12-37146-1	SPPTSHBD040580	SP	2
59		Driven Gear - First/ Reverse Speed	12-37167	SPPTSHBD040590	SP	1
60		Snapp Ring 28	GB894-76	NA	GB	3
61		Drive Gear - Main Drive	12-37165	SPPTSHBD040610	SP	1
62		Intermediate Shaft	12-37163	SPPTSHBD040620	SP	1
63		Gasket	12-37148	SPPTSHBD040630	SP	2
64		Washer	12-37145	SPPTSHBD040640	SP	2
65		Plug	12-37144	SPPTSHBD040650	SP	2
66		O - Ring	12-37101	SPPTSHBD040660	SP	1
67		Reverse Shaft	12-37102	SPPTSHBD040670	SP	1
68		Intermediate Shaft Gear	12-37164	SPPTSHBD040680	SP	1
69		Lock Washer 6	GB93-76	NA	GB	12
70		Bolt M6X16	GB30-76	NA	GB	12
71		Main Shaft	12-37166	SPPTSHBD040710	SP	1
72		Drive Gear - Second/ Third Speed	12-37136	SPPTSHBD040720	SP	1
73		Ball Bearing 180304	GB279-64	NA	GB	1
74		Seal 20X30X6	11-37013	SPPTSHBD040740	SP	1
75		Idler Gear Assembly	12-37011	SPPTSHBD040750	SP	1
75/1		Idler Gear Bush		SPPTSHBD040751	SP	1
76		Washer	12-37103	SPPTSHBD040760	SP	1
77		Gasket	12-37176	SPPTSHBD040770	SP	1

78		Stud AIM 12X35	GB898-76	NA	GB	5
79		Gear - Reverse Speed	12-37169	SPPTSHBD040790	SP	1
80		Drive Gear - First Speed	12-37168	SPPTSHBD040800	SP	1
81		Second Shaft	12-37170	SPPTSHBD040810	SP	1
82		Spacer	12-37171	SPPTSHBD040820	SP	1
84		Detent Spring - Range Gearshifting Fork	12-37175	SPPTSHBD040840	SP	1
85		Range Gearshifting Fork	12-37132	SPPTSHBD040850	SP	1
86		Spindle - Range Gearshifting Fork	12-37131	SPPTSHBD040860	SP	1
87		Lock Washer 12	GB93-76	NA	GB	5
88		Nut AM 12	GB52-76	NA	GB	5
89		Bearing Housing Cover		SPPTSHBD040890	SP	2

Gear Box Cover (Fig. V)

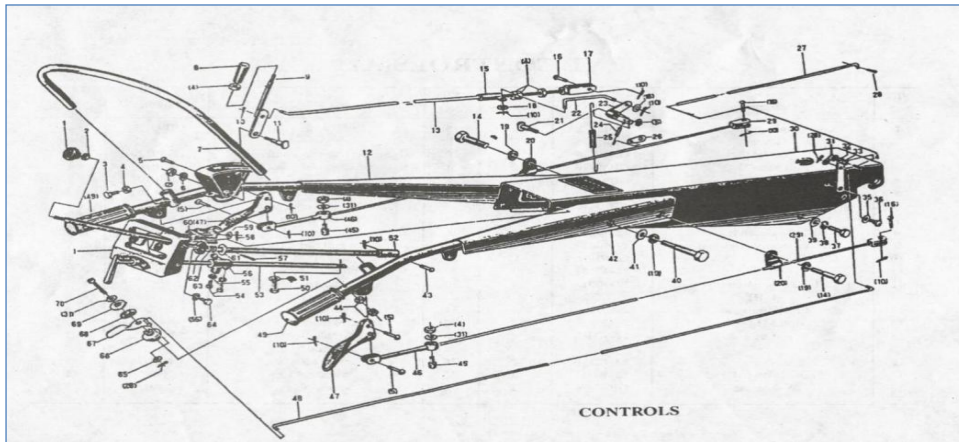


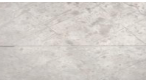
Sl. NO.	PART IMAGE	DESCRIPTION	CHINESE CODE	ERP CODE	GRP	QTY PER MACHINE
1		Lock Washer 8	GB93-76	NA	GB	10
2		Bolt M8X20	GB21-76	NA	GB	9
3		Gasket	12-37111	SPPTSHBD050030	SP	2
4		Flanged Sleeve - Steering Fork	12-37106	SPPTSHBD050040	SP	2
5		Lock Washer 6	GB93-76	NA	GB	12
6		Bolt M6X16	GB30-76	NA	GB	8
7		Steering Arm	12-37105	SPPTSHBD050070	SP	2
8		Washer A10	GB97-76	NA	GB	4
9		Lock Washer	GB93-76	NA	GB	2
10		Nut AM10	GB52-76	NA	GB	2
11		Plug	12-37116	SPPTSHBD050110	SP	1
12		Washer	12-37115	SPPTSHBD050120	SP	1
13		Pipe	12-37117	SPPTSHBD050130	SP	1
14		Cover	12-37120	SPPTSHBD050140	SP	1

15		Gasket	12-37118	SPPTSHBD050150	SP	1
16		Washer A8	GB97-76	NA	GB	2
17		Nut AM8	GB52-76	NA	GB	1
18		Split Pin 2X20	GB91-76	NA	GB	3
19		Pull Rod - Range Gearshift Upper Arm - Range	12-37018	SPPTSHBD050190	SP	1
20		Gearshifting Fork	12-37017	SPPTSHBD050200	SP	1
21		Gasket	12-37110	SPPTSHBD050210	SP	1
22		Gasket	12-37125	SPPTSHBD050220	SP	1
23		Seat - Main Gearshifting Lever	12-37121	SPPTSHBD050230	SP	1
24		Pin 5X8	12-37124	SPPTSHBD050240	SP	1
25		Gasket	12-37126	SPPTSHBD050250	SP	1
26		Cover - Main Gearshifting Lever	12-37122	SPPTSHBD050260	SP	1
27		Bolt M6X25	GB30-76	NA	GB	4
28		Boot	12-37123	SPPTSHBD050280	SP	1
29		Main Gearshifting Lever	12-37015	SPPTSHBD050290	SP	1
30		Sliding Sleeve - Range Gearshifting	12-37129	SPPTSHBD050300	SP	1
31		Connecting Sleeve - Range Shifting	12-37016	SPPTSHBD050310	SP	1
32		Snap Ring 24	GB894-76	NA	GB	1
33		Guide Rod	12-37128-1	SPPTSHBD050330	SP	1
34		O - Ring	12-37119	SPPTSHBD050340	SP	1

35		Lower Arm - Range Gearshifting	12-37014	SPPTSHBD050350	SP	1
36		Steering Fork	12-37020	SPPTSHBD050360	SP	2
37		O - Ring	12-37112	SPPTSHBD050370	SP	2
38		Clamp for Main Gear Shifting Lever [SF SFSK]		SPPTSHBD050380	SP	1
39		Fixing Screw		SPPTSHBD050390	SP	1

Controls (Fig. VI)



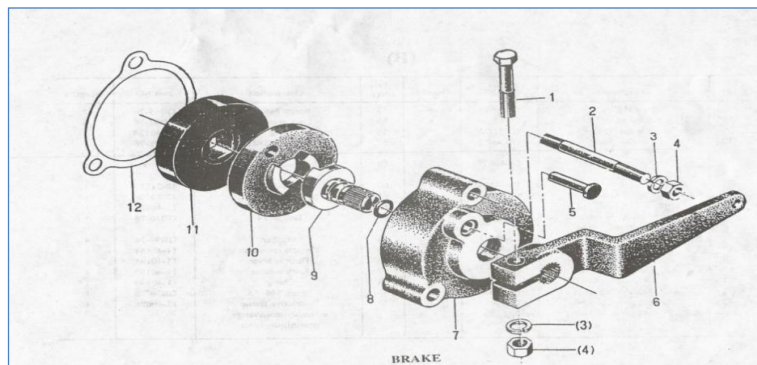
SI. NO.	PART IMAGE	DESCRIPTION	CHINESE CODE	ERP CODE	GRP	QTY PER MACHINE
1		Knob Main Gearshifting Lever	7-40025-1A	SPPTSHBD060010	SP	1
2		Nut BM8	GB52-76	NA	GB	2
3		Bolt M8X22-Q	GB30-76	NA	GB	2
4		Nut M8	GB52-76	NA	GB	9
5		Pin	12-40115	SPPTSHBD060050	SP	4
6		Lock Washer 10	GB93-76	NA	GB	2
7		Handlebar	12-40113	SPPTSHBD060070	SP	1
8		Handle Clutch Lever	12-40018	SPPTSHBD060080	SP	1
9		Lever Assembly - Clutch	12-40017	SPPTSHBD060090	SP	1
10		Split Pin 2X15	GB91-76	NA	GB	12
11		Pivot	12-40111	SPPTSHBD060110	SP	1
12		Handlebar Assembly (L.H.)	12-40014	SPPTSHBD060120	SP	1
13		Clutch Pull Rod	12-40105-1	SPPTSHBD060130	SP	1
14		Bolt M14X65	GB30-76	NA	GB	2

15		Lug	12-40012	SPPTSHBD060150	SP	1
16		Pin	12-40110	SPPTSHBD060160	SP	3
17		Fork - Clutch Pull Rod	12-40011	SPPTSHBD060170	SP	1
18		Washer A5	GB97-76	NA	GB	2
19		Lock Washer 14	GB93-76	NA	GB	4
20		Support - Steering Pull Rod	12-40120	SPPTSHBD060200	SP	2
21		Brake Lever Pivot	12-40103	SPPTSHBD060210	SP	1
22		Brake Pull Rod	12-40102	SPPTSHBD060220	SP	1
23		Brake Lever	12-40101	SPPTSHBD060230	SP	1
24		Brake Recovery Spring	12-40116	SPPTSHBD060240	SP	1
25		Brake Spring	12-40118	SPPTSHBD060250	SP	1
26		Strap	12-40117	SPPTSHBD060260	SP	1
27		Front Pull Rod - throttle	12-40155	SPPTSHBD060270	SP	1
28		Split Pin 1.5X10	GB91-76	SPPTSHBD060280	GB	3
29		Pull Rod - Steering	12-40023	SPPTSHBD060290	SP	2
30		Pedestal Assembly - Handle Bar	12-40024-1	SPPTSHBD060300	SP	1
31		Washer A6	GB97-76	SPPTSHBD060310	GB	5
32		Control Lever - Throttle	12-40154	SPPTSHBD060320	SP	1
33		Pin - Throttle Front Pull Rod	12-40156	SPPTSHBD060330	SP	1
34		Screw M6X10	GB67-76	SPPTSHBD060340	GB	1
35		Washer A10	GB97-76	SPPTSHBD060350	GB	1

36		Screw - Pivot	12-40157	SPPTSHBD060360	SP	1
37		Bolt M12X25	GB30-76	SPPTSHBD060370	GB	6
38		Lock Washer 12	GB93-76	SPPTSHBD060380	GB	6
39		Washer A12	GB97-76	SPPTSHBD060390	GB	6
40		Bolt M14 X90/95	GB30-76	SPPTSHBD060400	GB	2
41		Washer A14	GB97-76	SPPTSHBD060410	GB	2
42		Handle Bar Assembly (R.H.)	12-40027	SPPTSHBD060420	SP	1
43		Pin	12-40104	SPPTSHBD060430	SP	1
44		Nut AM6	GB52-76	NA	GB	2
45		Bolt - Steering Pull Rod	12-40112	SPPTSHBD060450	SP	2
46		Adaptor Assembly	12-40020	SPPTSHBD060460	SP	2
47		Steering Lever	12-40021	SPPTSHBD060470	SP	2
48		Throttle Rear Pull Rod	12-40158	SPPTSHBD060480	SP	1
49		Handle	12-40114	SPPTSHBD060490	SP	2
50		Bolt M8X25	GB30-76	NA	GB	1
51		Lock Washer 8	GB93-76	NA	GB	1
52		Main Gearshifting Lever	12-40016	SPPTSHBD060520	SP	1
53		Range Gearshift Lever	12-40013	SPPTSHBD060530	SP	1
54		Screw M6X12	GB65-76	NA	GB	2
55		Lock Washer 6	GB93-76	SPPTSHBD060550	SP	6
56		Lug	12-40138	SPPTSHBD060560	SP	1
57		Split Pin 2X25	GB91-76	NA	GB	1
58		Washer 10	GB84-876	NA	GB	12
59		Interlocking Cam	12-40106-1	SPPTSHBD060590	SP	1
60		Washer	12-21113	SPPTSHBD060600	SP	1

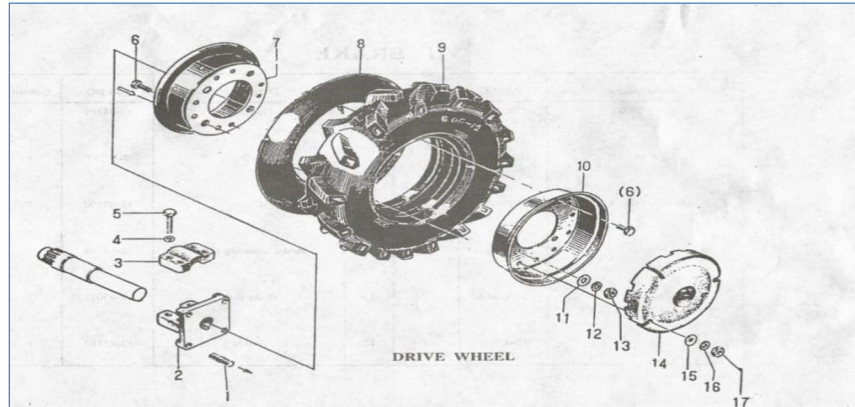
61		Spherical Washer	12-40108	SPPTSHBD060610	SP	1
62		Spring	12-40107	SPPTSHBD060620	SP	1
63		Bolt 6X14	GB30-76	NA	GB	1
64		Washer	GB97-76	NA	GB	4
65		Throttle Lever Seat	11-40151	SPPTSHBD060650	SP	3
66		Throttle Lever	11-40148	SPPTSHBD060660	SP	1
67		Lock Washer	11-40150	SPPTSHBD060670	SP	1
68		Clamp	11-40149	SPPTSHBD060680	SP	1
69		Screw M6X55	GB30-76	NA	GB	1
70		Restrictive Frame Assembly - Main/Range Gearshifting Lever	12-40026	SPPTSHBD060700	SP	1
72		Spring for steering lever [SF SFSK]		SPPTSHBD060720		
73		Cable Throttle [SF SFSK]		SPPTSHBD060730		
74		Spring for clutch lever		SPPTSHBD060740		
Sl. NO.	PART IMAGE	DESCRIPTION	INCLUDES PARTS	ERP CODE	GRP	QTY PER MACHINE
1		Throttle Control Set	11-40151, 11-40148, 11-40150, 11-40149, GB30-76	SPPTSHBDST0010	SP - SET	1
2		Control Lever Throttle Complete Set		SPPTSHBDST0060	SP - SET	1

Brake (Fig. VII)



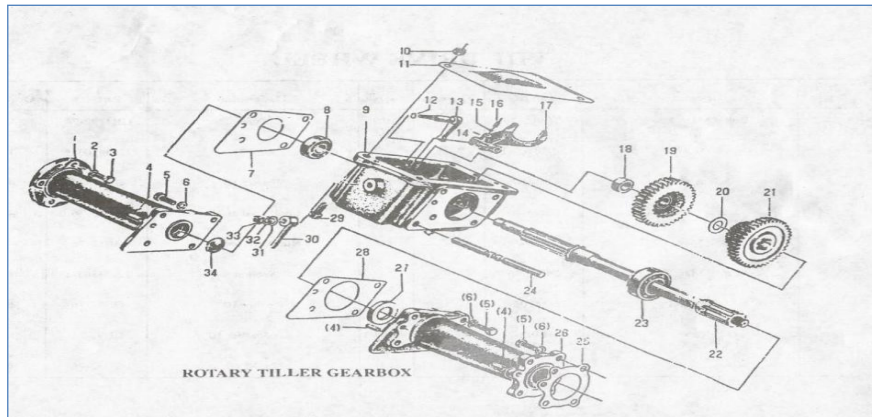
SI. NO.	PART IMAGE	DESCRIPTION	CHINESE CODE	ERP CODE	GRP	QTY PER MACHINE
1		Bolt M8X40	GB21-76	NA	GB	1
2		Stud AIM8X55	GB898-76	NA	GB	3
3		Lock Washer 8	GB93-76	NA	GB	4
4		Nut M8	GB52-76	NA	GB	4
5		Dowel Pin	11-43105	SPPTSHBD070050	SP	2
6		Arm	12-43103	SPPTSHBD070060	SP	1
7		Housing	12-43101	SPPTSHBD070070	SP	1
8		O - Ring	12-37112	SPPTSHBD070080	SP	1
9		Cam	12-43102	SPPTSHBD070090	SP	1
10		Brake Actuating Plate	12-43104	SPPTSHBD070100	SP	1
11		Brake Disk	12-43011	SPPTSHBD070110	SP	1
12		Gasket	12-43105	SPPTSHBD070120	SP	1

Drive Wheel (Fig. VIII)

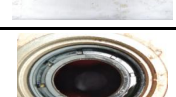


Sl. NO.	PART IMAGE	DESCRIPTION	CHINESE CODE	ERP CODE	GRP	QTY PER MACHINE
1		Bolt AM16X1.5X30	GB900-76	NA	GB	4
2		Hub	12-34102-1	SPPTSHBD080020	SP	1
3		Hub Cap	12-34106	SPPTSHBD080030	SP	1
4		Lock Washer 14	GB93-76	NA	GB	4
5		Bolt M14X70	GB30-76	NA	GB	4
6		Bolt M10X22	GB30-76	NA	GB	6
7		Rim (A)	12-34105-1	SPPTSHBD080070	SP	1
8		Tube	GB1192-74	NA	GB	1
9		Tyre	GB1192-74	SPPTSHBD080090	GB	1
10		Rim (B)	12-34103-1	SPPTSHBD080100	SP	1
11		Washer 16	GB97-76	NA	GB	4
12		Lock Washer 16	GB93-76	NA	GB	4
13		Nut A M16X1.5	GB52-76	NA	GB	4

Rotary Tiller Gear Box (Fig. IX)

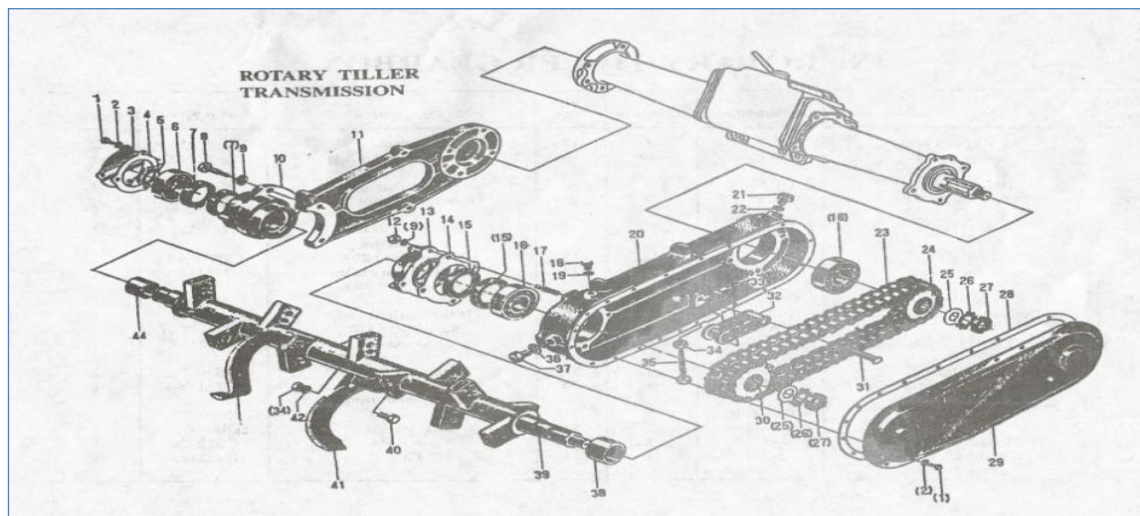


Sl. NO.	PART IMAGE	DESCRIPTION	CHINESE CODE	ERP CODE	GRP	QTY PER MACHINE
1		Housing - Left Arm	12-72111	SPPTSHBD090010	SP	1
2		Lock Washer 10	GB-93-76	SPPTSHBD090020	GB	20
3		Bolt M10X32	GB-30-76	SPPTSHBD090030	GB	4
4		Dowel Pin 8D4X20	GB119-76	SPPTSHBD090040	GB	3
5		Bolt M12X35	GB30-76	NA	GB	12
6		Lock Washer 12	GB93-76	NA	GB	12
7		Gasket	12-72104	SPPTSHBD090070	SP	1
8		Ball Bearing 6304	GB276-64	NA	GB	1
9		Rotary Tiller Gearcase	12-72117-1	SPPTSHBD090090	SP	1
10		Nut M12	GB52-72	NA	GB	2
11		Rotary Tiller Transmission Case Cover	12-72134	SPPTSHBD090110	SP	1
12		O - Ring	12-37119	SPPTSHBD090120	SP	1
13		Lower Lever - Rotary Tiller Gearshift	12-72119	SPPTSHBD090130	SP	1
14		Split Pin 3X20	GB91-76	NA	GB	1

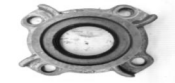
15		Ball 5/16	GB308-64	NA	GB	1
16		Detent Spring	12-37108	SPPTSHBD090160	SP	1
17		Fork - Rotary Tiller Gearshifting	12-72120	SPPTSHBD090170	SP	1
18		Spacer	12-72113	SPPTSHBD090180	SP	1
19		Gear - Rotary Tiller High Speed	12-72012	SPPTSHBD090190	SP	1
19/1		Bush for Gear - Rotary Tiller High Speed		SPPTSHBD090191	SP	1
20		Washer	12-72115	SPPTSHBD090200	SP	1
21		Gear - Rotary Tiller Low Speed	12-72116	SPPTSHBD090210	SP	1
22		Shaft - Rotary Tiller Transmission	12-72122	SPPTSHBD090220	SP	1
23		Ball Bearing 207	GB276-64	NA	GB	1
24		Spindle - Rotary Tiller Gearshifting Fork	12-72121	SPPTSHBD090240	SP	1
25		Gasket	12-72124	SPPTSHBD090250	SP	1
26		Housing - Right Arm	12-72123	SPPTSHBD090260	SP	1
27		Seal 35X5X510	12-72107-A	SPPTSHBD090270	SP	1
28		Gasket	12-72114	SPPTSHBD090280	SP	1
29		Bolt M12X28	GB30-76	NA	GB	2
30		Upper Lever - Rotary Tiller Gearshifting	12-72118-1	SPPTSHBD090300	SP	1
31		Washer 8	GB97-76	NA	GB	1

32		Lock Washer 8	GB93-76	NA	GB	1
33		Nut AM8	GB52-76	NA	GB	1
34		Plug	12-72112	SPPTSHBD090340	SP	1

Rotary Tiller Transmission (Fig. X)

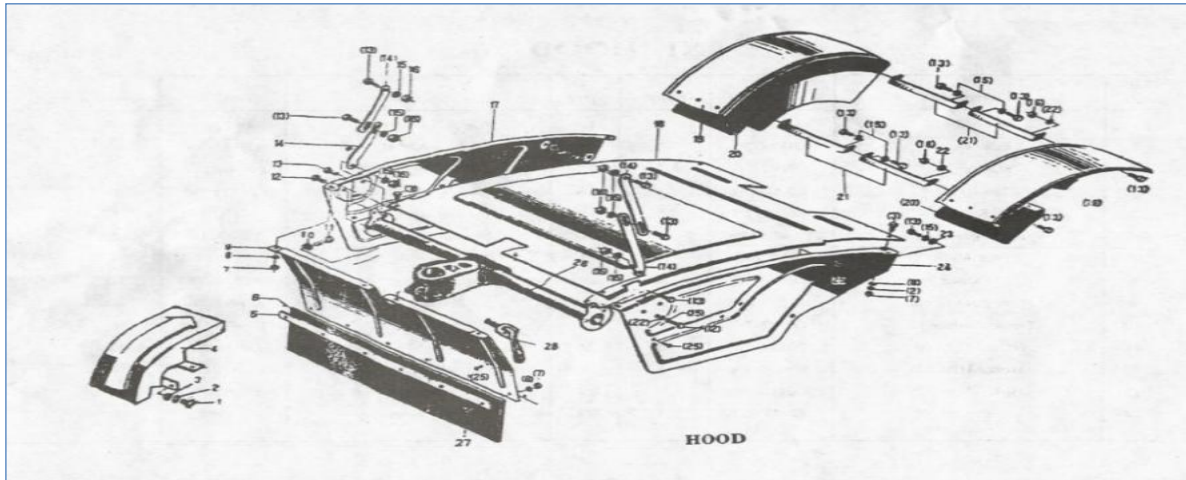


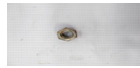
Sl. NO.	PART IMAGE	DESCRIPTION	CHINESE CODE	ERP CODE	GRP	QTY PER MACHINE
1		Bolt M6X14	GB30-76	NA	GB	22
2		Lock Washer 6	GB93-76	NA	GB	22
3		Cap (L.H.)	12-71207	SPPTSHBD100030	SP	1
4		Gasket	12-72108	SPPTSHBD100040	SP	1
5		Snap Ring 35	GB894-76	NA	GB	2
6		Ball Bearing 6207	GB276-64	NA	GB	1
7		Seal 44X62X10	12-72016-1	SPPTSHBD100070	SP	2
8		Bolt M12X35	GB30-76	NA	GB	2
9		Lock Washer 12	GB93-76	NA	GB	6
10		Bearing Seat - Left Support Arm	12-72101	SPPTSHBD100100	SP	1
11		Support Arm - Left	12-72110	SPPTSHBD100110	SP	1

12		Nut AM12	GB52-76	NA	GB	4
13		Cap (R.H.)	12-72131	SPPTSHBD100130	SP	1
14		Gasket	12-72130	SPPTSHBD100140	SP	1
15		Seal 50X72X10	12-72018-1	SPPTSHBD100150	SP	2
16		Ball Bearing 307	GB276-64	NA	GB	2
17		Stud AIM12X25	GB898-76	NA	GB	4
18		Plug	12-37315	SPPTSHBD100180	SP	1
19		Washer	12-37314	SPPTSHBD100190	SP	1
20		Rotary Tiller Transmission Case	12-72125	SPPTSHBD100200	SP	1
21		Plug	12-37310	SPPTSHBD100210	SP	1
22		Washer	12-37309	SPPTSHBD100220	SP	1
23		Roller Chain - Double Row 3/4" (50 Links)	12-72013	SPPTSHBD100230	SP	1
24		Sprocket	12-72129	SPPTSHBD100240	SP	1
25		Washer A24	GB97-76	SPPTSHBD100250	GB	2
26		Washer 24	GB858-769	SPPTSHBD100260	GB	2
27		Nut M24X1.5	GB810-76	SPPTSHBD100270	GB	2
28		Gasket	12-72126	SPPTSHBD100280	SP	1
29		Cover - Transmission Case	12-72127	SPPTSHBD100290	SP	1
30		Sprocket 14T Double Row	12-72128	SPPTSHBD100300	SP	1
31		Pivot - Chain Tensioner	12-72141	SPPTSHBD100310	SP	1
32		Tensioner Assembly	12-70014	SPPTSHBD100320	SP	1

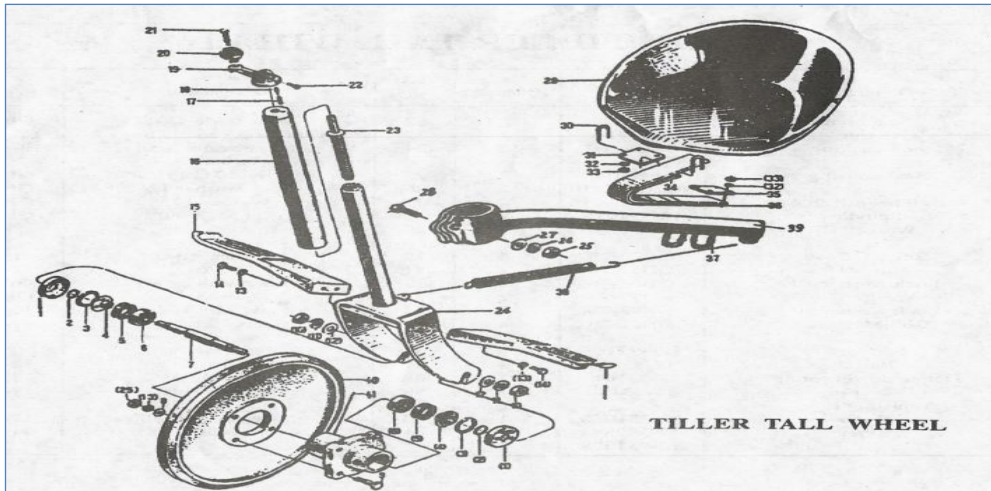
33		Split Pin 2X12	GB91-76	NA	GB	1
34		Nut A M10	GB52-76	NA	GB	37
35		Adjusting Bolt	12-72135	SPPTSHBD100350	SP	1
36		Washer	12-37141	SPPTSHBD100360	SP	1
37		Plug	12-37142	SPPTSHBD100370	SP	1
38		Bush (R.H.)	12-72133	SPPTSHBD100380	SP	1
39		Shaft - Rotary Tiller Blade	12-72011	SPPTSHBD100390	SP	1
40		Bolt M10X30	GB30-76	NA	GB	36
41		Tiller Blade (Tip Facing Right)	7-72171A	SPPTSHBD100410	SP	9
42		Lock Washer 10	GB93-76	NA	GB	36
43		Tiller Blade (Tip Facing Left)	7-72170A	SPPTSHBD100430	SP	9
44		Bush (L.H.)	12-72109	SPPTSHBD100440	SP	1
45		Straight Tilling Blades		SPPTSHBD100450	SP	20
46		Sprocket 15 T		SPPTSHBD100460	SP	1
Sl. NO.	PART IMAGE	DESCRIPTION	INCLUDES PARTS	ERP CODE	GRP	QTY PER MACHINE
1		Blade Single Hole Bent Type(Set 20 Nos)		SPPTSHBDST0111	SP-SET	1
2		Blade Double Hole Bent Type(Set 20 Nos)		SPPTSHBDST0101	SP-SET	1

Hood (Fig. XI)



SI. NO.	PART IMAGE	DESCRIPTION	CHINESE CODE	ERP CODE	GRP	QTY PER MACHINE
4		Clutch Hood	12-47034	SPPTSHBD110040	SP	1
5		Strip	12-4711S	SPPTSHBD110050	SP	1
6		Rubber Guard - Rear	12-47112S	SPPTSHBD110060	SP	1
7		Nut AM8	GB52-76	NA	GB	12
8		Washer A8	GB96-76	NA	GB	12
9		Rear Guard - Rear	12-47110S	SPPTSHBD110090	SP	1
17		Guard (L.H.)	12-47011S	SPPTSHBD110170	SP	1
18		Hood Assembly - Rotary Tiller	12-47103S	SPPTSHBD110180	SP	1
18		Hood Assembly - Rotary Tiller K Type		SPPTSHBD110181	SP	1
24		Guard (R.H.)	12-47012S	SPPTSHBD110240	SP	1

Tiller Tail Wheel (Fig. XII)

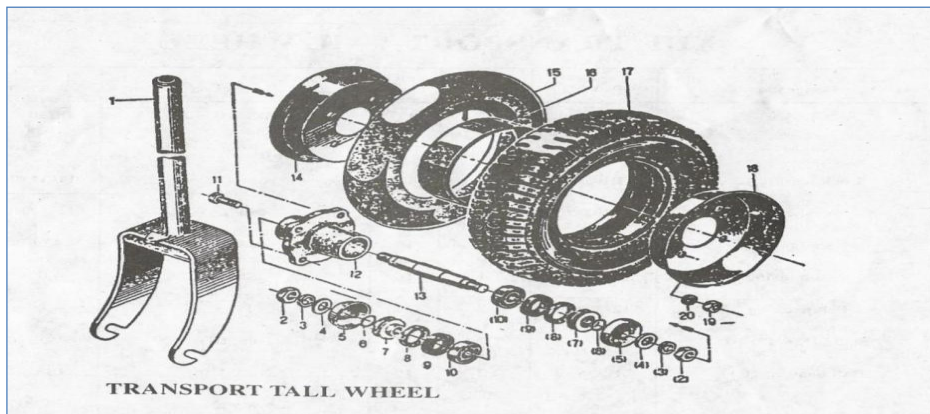


SI. NO.	PART IMAGE	DESCRIPTION	CHINESE CODE	ERP CODE	GRP	QTY PER MACHINE
1		Seal Boot	11-33111	SPPTSHBD120010	SP	2
2		O - Ring	7-37214	SPPTSHBD120020	SP	2
3		Felt Packing	11-33110	SPPTSHBD120030	SP	2
4		Seal Housing	11-33109	SPPTSHBD120040	SP	2
5		Seal	SD26X47X10	SPPTSHBD120050	SP	2
6		Ball Bearing 6204	GB276-64	NA	GB	2
7		Spindle	12-33101S	SPPTSHBD120070	SP	1
8		Washer 10	GB97-76	NA	GB	4
9		Bolt M10X40	GB30-76	NA	GB	4
10		Nut M16	GB51-76	NA	GB	2
11		Lock Washer 10	GB93-76	NA	GB	2
12		Washer 16	GB97-76	NA	GB	2
13		Lock Washer 10	GB93-76	NA	GB	8
14		Bolt M10X18	GB21-76	NA	GB	4
15		Foot Rest	12-33110S	SPPTSHBD120150	SP	2
16		Barrel	12-330145	SPPTSHBD120160	SP	1
17		Locating spring	7-33501	SPPTSHBD120170	SP	1

18		Dowel Pin	11-33120	SPPTSHBD120180	SP	1
19		Adjusting Lever	12-33105S	SPPTSHBD120190	SP	1
20		Knob	7-33058	SPPTSHBD120200	SP	1
21		Rivet	12-33109S	SPPTSHBD120210	SP	1
22		Screw M8X20	GB86-76	SPPTSHBD120220	GB	1
23		Bolt - Rising and Falling	12-33108S	SPPTSHBD120230	SP	1
24		Fork Assembly - Tail Wheel	12-33103S	SPPTSHBD120240	SP	1
25		Nut M12	GB51-76	NA	GB	1
26		Lock Washer 12	GB93-76	NA	GB	1
27		Washer 12	GB97-76	NA	GB	1
28		Bolt M12 X40	GB21-76	SPPTSHBD120280	GB	1
29		Driver's Ride Assembly	12-44022	SPPTSHBD120290	SP	1
30		Bolt - Shaped U	11-44118	SPPTSHBD120300	SP	2
31		Plate	12-44206	SPPTSHBD120310	SP	1
32		Lock Washer 8	GB93-76	NA	GB	8
33		Nut M8	GB52-76	NA	GB	8
34		Small Beam Spring	12-44204	SPPTSHBD120340	SP	1
35		Clamp - Driver's ride	12-44207	SPPTSHBD120350	SP	1
36		Beam Spring	112-44203	SPPTSHBD120360	SP	1
37		Bolt - Shaped U	12-44208	SPPTSHBD120370	SP	2
38		Spring	11-44103	SPPTSHBD120380	SP	1
39		Driver's Ride Frame Assembly	12-44021	SPPTSHBD120390	SP	1
40		Tiller Tail Wheel	12-33111	SPPTSHBD120400	SP	1
41		Hub	11-32105	SPPTSHBD120410	SP	1
Sl. NO.	PART IMAGE	DESCRIPTION	INCLUDES PARTS	ERP CODE	GRP	QTY PER MACHINE
1		Small 'U' Bolt Plate Nut Washer Set Complete	11-44118, 12-44206, GB93-76, GB52-76	SPPTSHBDST0020	SP - SET	1

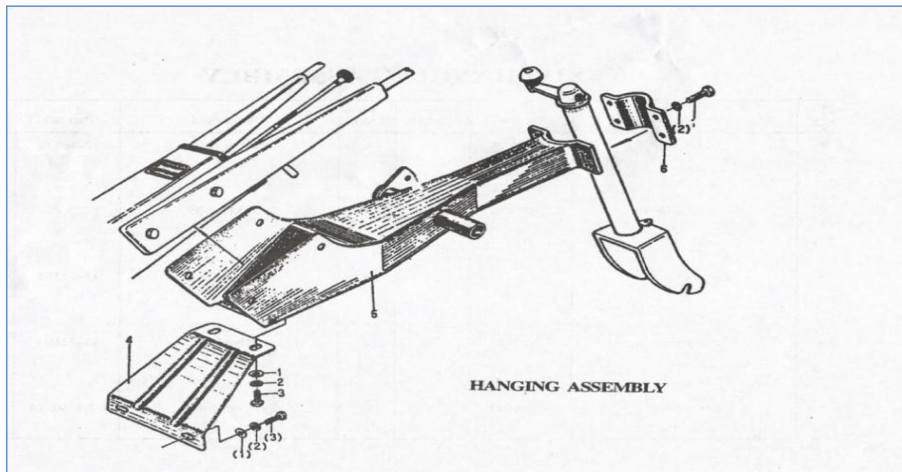
2		Big 'U' Bolt Plate Nut Washer Set Complete	12-44208, 12-44207, GB93-76, GB52-76	SPPTSHBDST0030	SP - SET	1
3		Handle Assy Comp Set	L.H.-12-40014, 12-40021, 12-40114, 12-40115, GB91-76 R.H.- 12-40027, 12-40021, 12-40114, 12-40115, GB91-76	SPPTSHBDST0040	SP - SET	1
4		Wheel Hub Complete Set		SPPTSHBDST0070	SP - SET	1

Transport Tail Wheel (Fig. XIII)



SI. NO.	PART IMAGE	DESCRIPTION	CHINESE CODE	ERP CODE	GRP	QTY PER MACHINE
14		Rim (A)	11-32103	SPPTSHBD130140	SP	1
15		Tube	GB1192-74	SPPTSHBD130150	SP	1
17		Tyre		SPPTSHBD130170	SP	1
18		Rim (B)	11-32104	SPPTSHBD130180	SP	1
19		Nut M10	GB52-76	NA	GB	4
20		Lock Washer	GB93-76	NA	GB	4

Hanging Assembly (Fig. XIV)



SI. NO.	PART IMAGE	DESCRIPTION	CHINESE CODE	ERP CODE	GRP	QTY PER MACHINE
1		Washer 12	GB97-76	NA	GB	4
2		Lock Washer 12	GB93-76	NA	GB	8
3		Bolt M12X28	GB30-76	NA	GB	4
4		Bracket	12-56121	SPPTSHBD140040	SP	1
5		Seat Frame	12-56011	SPPTSHBD140050	SP	1
6		Tightening Lever Assembly		SPPTSHBD140060	SP	1
SI. NO.	PART IMAGE	DESCRIPTION	INCLUDES PARTS	ERP CODE	GRP	QTY PER MACHINE
1		Gear Box Packing Kit		SPPTSHBDST0050	SP - SET	1



BTL EPC LTD

Corporate Office: Shrachi Tower, 686, Anandapur, E.M. Bypass Junction, Kolkata – 700 107

Registered Office: 2, Jessore Road, Kolkata – 700 028 | +91 9007724621

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