

Instructions for Parts Books

The heading at the top of the page will be the same for the picture of the parts at it is for the page with the part numbers.

Definition of column headings on part number pages:

REF.No → The number referring to the part on the picture page of the parts book.

Part No. → The number assigned to this part at the time of printing the parts book.

Description → Discription of part.

Q'ty → Quantity of part used on that page.

S.No. → Serial number range of the equipment that this part will fit.

>= Your serial number should be greater than or equal to the number shown.

<= Your serial number should be lesser than or equal to the serial number shown.

I/C → Interchangeability of part shown.

↔ The part shown will work for the older and later serial number.

The part shown is not interchangeable with the other serial number.

← new for old

→ old for new

Remarks → Notes about this particulart part. Sometimes this may say except [FR] or [CA]

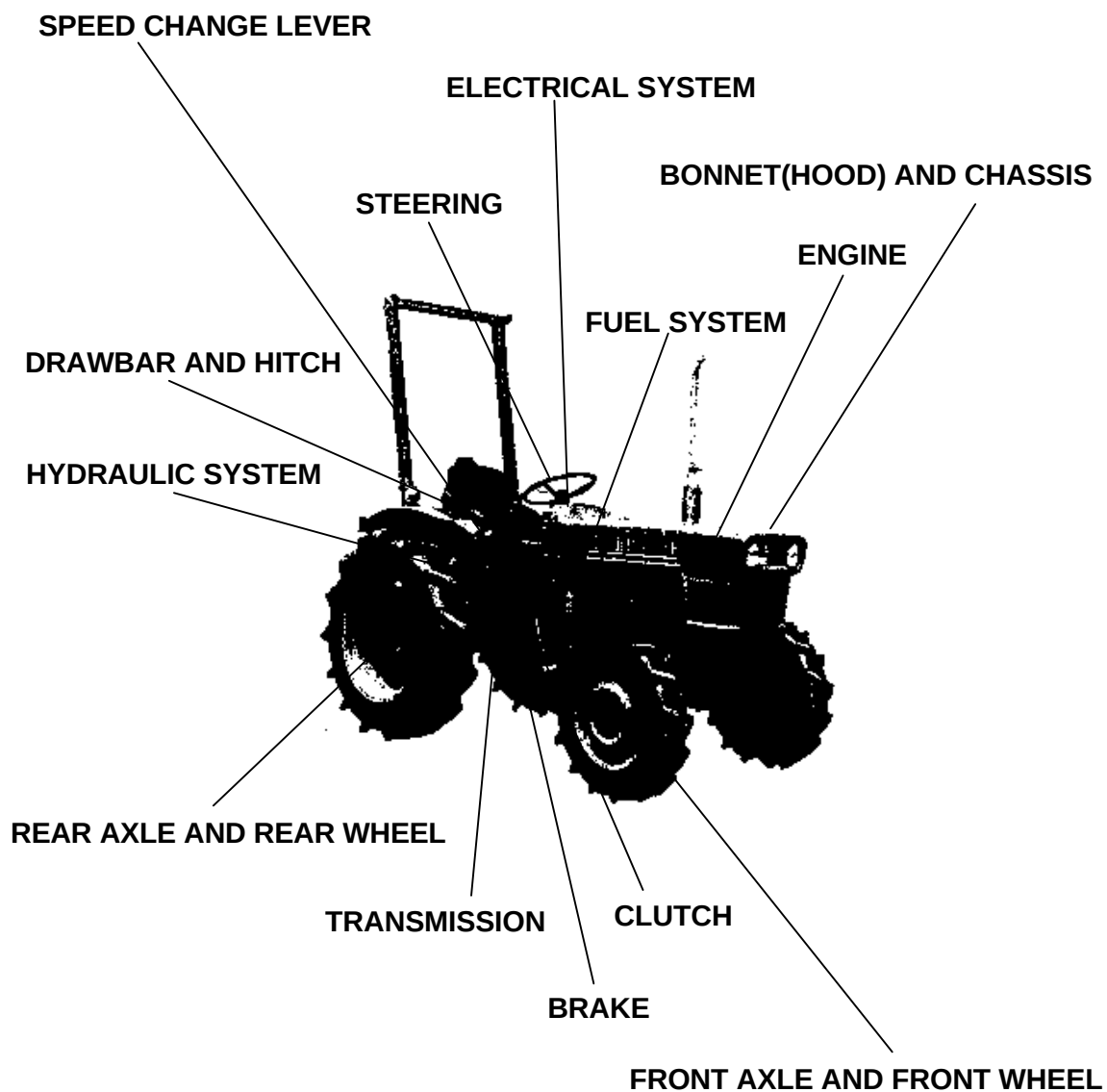
Note about Country Codes:

The parts books we use in the United States of America may also contain information about a part that would be different in another country. It is important that you are aware of the country codes in some instances.

Symbol	Country
A	United States of America
CA	Canada
FR	France
GR	Greece
PO	Portugal
AU	Australia

If the remarks column says for example EXCEPT [FR] this part works in all countries except France. That means it will work here in the USA.

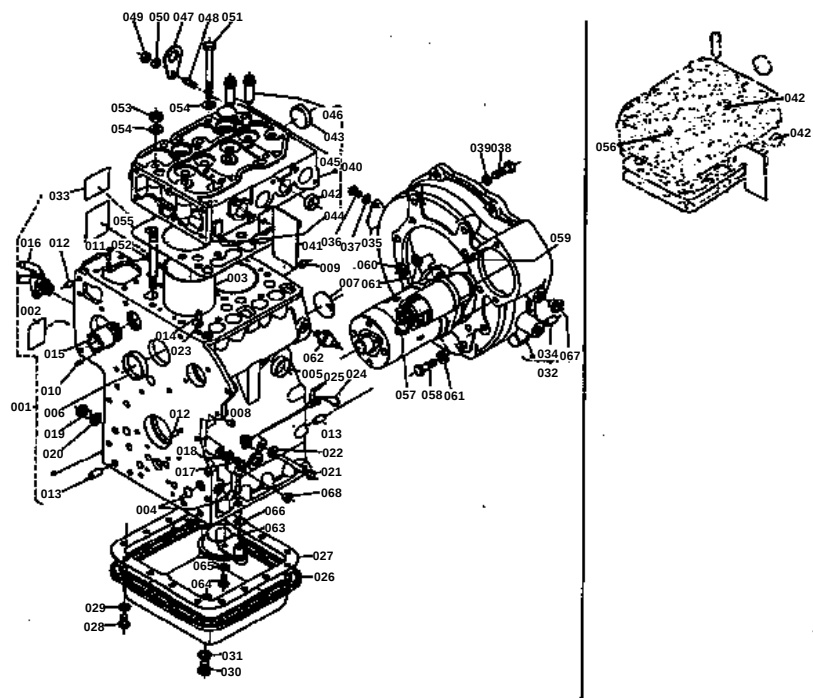
ALL PRODUCT INDEX
L175



ACCESSORIES

Item	Part No.	Description	Book
ENGINE	0101	CRANK CASE	100K0133
	0102	GEAR CASE [A]	100K0133
	0104	VALVE HEAD COVER ROCKER ARM	100K0133
	0105	CRANK SHAFT	100K0133
	0106	CAM SHAFT	100K0133
	0107	FUEL CAMSHAFT	100K0133
	0108	BREATHER INJECTION PUMP	100K0133
	0109	COOLING FAN RADIATOR [A]	100K0133
	0112	AIR CLEANER MUFFLER [A]	100K0133
	0133	STARTER	100K0133
	0134	FUEL INJECTION PUMP	100K0133
	0135	GENERATOR	100K0133
	0136	OIL FILTER	100K0133
	0137	NOZZLE	100K0133
FRONT AXLE AND FRONT WHEEL	0114	FRONT WHEEL	100K0133
	0115	FRONT AXLE	100K0133
CLUTCH	0116	CLUTCH HOUSING MISSION CASE	100K0133
	0117	CLUTCH PEDAL	100K0133
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SPEED CHANGE LEVER	0119	HAND ACCEL	100K0133
BONNET(HOOD) AND CHASSIS AND CANOPY	0120	HOOD	100K0133
	0121	SEAT FENDER [A]	100K0133
TRANSMISSION	0123	TRANSMISSION GEAR	100K0133
	0124	DIFFERENTIAL [A]	100K0133
SPEED CHANGE LEVER	0126	SPEED CHANGE	100K0133
REAR AXLE AND REAR WHEEL	0127	REAR WHEEL SHAFT	100K0133
BRAKE	0128	BRAKE	100K0133
FUEL SYSTEM	0129	FUEL TANK	100K0133
HYDRAULIC SYSTEM	0130	HYDRAULIC	100K0133
	0131	HYDRAULIC	100K0133
DRAWBAR AND HITCH	0132	3-POINT LINKAGE	100K0133
ELECTRICAL SYSTEM	0138	ELECTRICAL	100K0133
ACCESSORIES	0139	ACCESSORIES AND SERVICE PARTS	100K0133

CRANK CASE





CRANK CASE

↔ Interchangeable; ≠ not interchangeable; ← new for old; → old for new

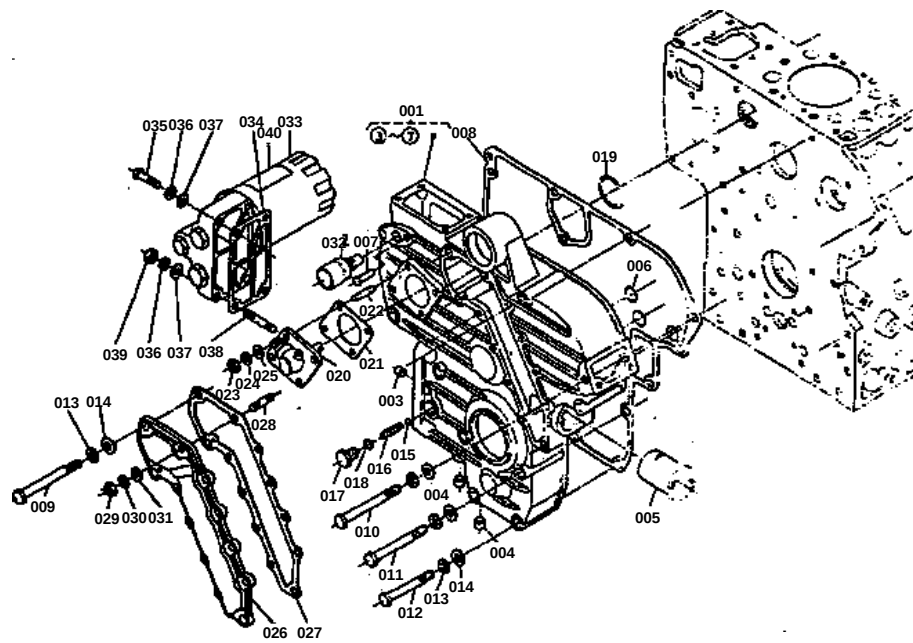
REF.No	Part No.	Description	Q'ty	S.No.	I/C	REMARKS	Weight (kgf)	Weight (lb)
001	15222-01010	ASSY CRANK CASE	1				0	0
002	15103-94590	LABEL DRAIN	1				0.001	0.0022
003	15221-02314	LINER CYLINDER	2			HONE IINER AFTER INSERTING IN CRANKCASE	0	0
004	06311-75015	PLUG BELCH	3				0.002	0.0044
005	15221-03383	PLUG	3				0	0
006	15221-03392	PLUG	2				0	0
007	06311-75045	PLAG BELCH	1				0.026	0.0572
008	15221-33630	PLUG PIN	2				0.001	0.0022
009	15221-33640	PLUG	1				0.003	0.0066
010	05012-00408	PIN	2				0.001	0.0022
011	05012-00609	PIN	2				0.003	0.0066
012	05012-00612	PIN	2				0.003	0.0066
013	05012-01018	PIN	3				0.012	0.0264
014	15221-33650	PIN PIPE	1				0.004	0.0088
015	15221-72842	PIPE WATER 3	1				0	0
016	14412-73110	ASSY COCK DRAIN	1				0.09	0.198
017	15221-33610	PLUG	3				0.009	0.0198
018	15021-33660	GASKET	3				0.001	0.0022
019	15221-33752	PLAG	1				0	0
020	15109-33660	GASKET	1				0.001	0.0022
021	15221-04552	BOLT KNOCK	1				0	0
022	15021-33660	GASKET	1				0.001	0.0022
023	15221-33700	O-RING	1				0.001	0.0022
024	15221-36413	GAUGE OIL	1				0	0
025	04811-00050	O-RING	2				0.001	0.0022
026	15221-01613	COVER OIL	1				0	0
027	15221-01622	GASKET OIL COVER	1				0	0
028	01053-50816	BOLT	16				0.011	0.0242
029	04512-00080	WASHER LOCK	16				0	0
030	15221-33752	PLUG	1				0	0
031	15109-33660	GASKET	1				0.001	0.0022
032	34159-14183	ASSY HOUSING FLYWHEEL	1				0	0
033	15103-94590	LABEL	1				0.001	0.0022
034	05012-01018	PIN	2				0.012	0.0264
035	31220-14172	COVER	1				0	0
036	01053-50812	BOLT	1				0.009	0.0198
037	04512-00080	WASHER LOCK	1				0	0
038	01073-51030	BOLT	11				0.028	0.0616
039	04512-00100	WASHER LOCK	11				0	0
040	15221-03024	ASSY HEAD CYLINDER	1				0	0
041	34150-18070	PLATE BAFFLE 2	1				0.045	0.099
042	15221-03373	PLUG	6	≤3439			0	0
042	15221-03373	PLUG	2	≥3440			0	0
043	15221-03493	PLUG	1				0	0
044	15131-01380	PLUG	2				0.001	0.0022
045	15221-13585	GUIDE INLET VALVE	2			REAM QUIDE AFTER INSERTING IN HEAD	0	0
046	15601-13560	GUIDE EXHAUST VALVE	2	≥10584			0	0
047	15221-01750	HOOK ENGINE	2				0.04	0.088



CRANK CASE

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REF.No	Part No.	Description	Q'ty	S.No.	I/C	REMARKS	Weight (kgf)	Weight (lb)
048	01513-50816	STUD	2				0.009	0.0198
049	02056-00080	NUT	2				0	0
050	04512-00080	WASHER LOCK	2				0	0
051	15221-03450	BOLT CYLINDER HEAD	8				0	0
052	15221-03412	STUD CYLINDER HEAD	2				0	0
053	15221-03510	NUT CYLINDER HEAD	2				0.008	0.0176
054	15221-03540	WASHER FLAT	10				0.003	0.0066
055	15221-03310	GASKET CYLINDER HEAD	1				0	0
056	15221-03323	SHIM HEAD GASKET	1	≤1304			0	0
057	15221-63012	ASSY STARTER	1	≤1659		TO REFERENCE FIG.No.33	0	0
057	15221-63014	ASSY STARTER	1	≥1660		TO REFERENCE FIG.No.33	0	0
058	01173-51030	BOLT	1				0.023	0.0506
059	01517-51025	STUD	1				0	0
060	02176-50100	NUT	1				0.005	0.011
061	04512-50100	WASHER LOCK	2				0	0
062	15221-39012	SWITCH OIL	1				0	0
063	15221-32112	FILTER OIL 1	1				0	0
064	01053-50816	BOLT	1				0.011	0.0242
065	04512-00080	WASHER LOCK	1				0	0
066	04811-00140	O-RING	1				0.001	0.0022
067	31220-14293	PLUG 3	4				0	0
068	34150-27580	PLUG	3				0.001	0.0022



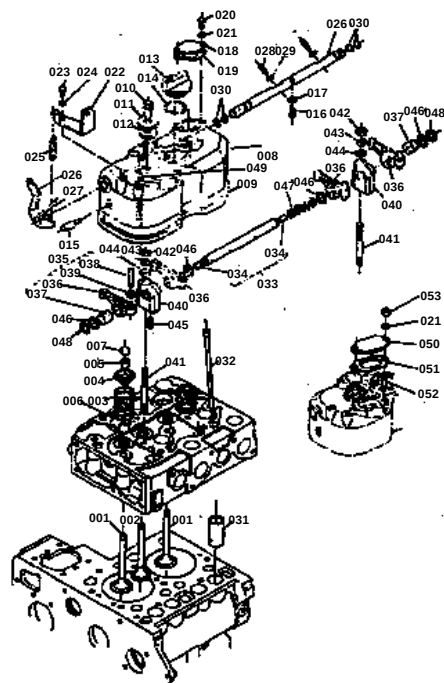


GEAR CASE [A]

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REF.No	Part No.	Description	Q'ty	S.No.	I/C	REMARKS	Weight (kgf)	Weight (lb)
001	15221-04022	ASSY CASE GEAR	1				0	0
002	15101-94880	CARD	1				0	0
003	15221-33620	PLUG PIN	2	≤10583			0.002	0.0044
003	15221-33620	PLUG PIN	1	≥10584			0.002	0.0044
004	15221-33640	PLUG PIN	1				0.003	0.0066
004	15221-33660	PLUG PIN	2				0.004	0.0088
005	15221-72880	PIPE WATER 2	1				0.115	0.253
006	04810-00150	O-RING	3				0.001	0.0022
007	15221-56280	PIN SPRING	1				0.006	0.0132
008	15221-04130	GASKET GEAR CASE	1	≤1004			0	0
008	15221-04133	GASKET GEAR CASE	1	≥1005			0	0
009	01053-50885	BOLT	3				0.031	0.0682
010	01053-50885	BOLT	1				0.031	0.0682
011	15221-91040	BOLT	6				0	0
012	01053-50870	BOLT	4				0.027	0.0594
013	04512-00080	WASHER LOCK	14				0	0
014	04012-00080	WASHER FLAT	14				0	0
015	07715-00803	BALL STEEL	1				0.004	0.0088
016	15221-38440	SPRING	1				0.004	0.0088
017	15221-38420	CAP	1				0.025	0.055
018	04810-00100	O-RING	1				0.001	0.0022
019	04811-40240	O-RING	1				0.002	0.0044
020	34150-34665	ASSY UNIT HOUR METER	1	≤15683		L175	0	0
020	34150-34666	ASSY UNIT HOUR METER	1	≥15684		L175	0	0
021	15221-88131	GASKET HOUR METER UN	1				0	0
022	15221-88210	STUD	4				0.005	0.011
023	02056-50060	NUT	4				0.002	0.0044
024	04512-50060	WASHER LOCK	4				0	0
025	04012-50060	WASHER FLAT	4				0.001	0.0022
026	15221-73914	COVER WATER	1				0	0
027	15221-73924	GASKET WATER COVER	1				0	0
028	01518-00618	STUD	8	≤1015			0	0
028	15221-88210	STUD	8	≥1016			0.005	0.011
029	02056-50060	NUT	9				0.002	0.0044
030	04512-50060	WASHER LOCK	9				0	0
031	04012-50060	WASHER FLAT	9				0.001	0.0022
032	15221-54020	ASSY APPARATUS FUEL	1				0	0
033	15108-32067	ASSY FILTER OIL	1	≤1304		TO REFERENCE FIG.No.36	0	0
033	15213-32024	ASSY FILTER OIL	1	≥1305		TO REFERENCE FIG.No.36	0	0
034	15101-32320	GASKET OIL FILTER	1	≤1304			0	0
034	15213-32320	GASKET OIL FILTER	1	≥1305			0	0
035	01053-00842	BOLT	4	≤2289			0	0
035	01053-50842	BOLT	3	≥2290			0.019	0.0418
036	04512-00080	WASHER LOCK	4				0	0
037	04012-00080	WASHER FLAT	4				0	0
038	01518-50835	STUD	1	≥2290			0.017	0.0374
039	02056-50080	NUT	1	≥2290			0.005	0.011
040	15213-94400	LABEL INSTRU C TION	1				0.001	0.0022

VALVE HEAD COVER ROCKER ARM





VALVE HEAD COVER ROCKER ARM

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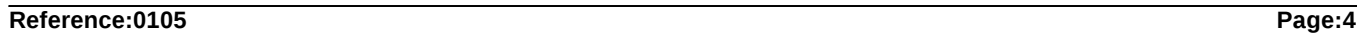
REF.No	Part No.	Description	Q'ty	S.No.	I/C	REMARKS	Weight (kgf)	Weight (lb)
001	15221-13114	VALVE INTAKE	2				0	0
002	15221-13124	VALVE EXHAUST	2				0	0
003	15221-13242	SPRING VALVE	4				0	0
004	15221-13332	RETAINER VALVE SPRIN	4				0	0
005	15221-13360	COLLET VALVE SPRING	8				0	0
006	15221-13352	STEM-SEAL VALVE	4				0	0
007	15221-13282	CAP VALVE	4				0	0
008	15222-14010	ASSY COVER CYLINDER	1				0	0
009	15221-14520	GASKET HEAD COVER	1				0.033	0.0726
010	15221-14622	NUT HEAD COVER	2				0	0
011	15221-14640	WASHER HEAD	2				0.017	0.0374
012	15221-14630	GASKET HEAD COVER NU	2				0.003	0.0066
013	15221-33142	PLUG OIL FILTER	1				0	0
014	04811-50300	ORING	1				0.001	0.0022
015	15221-66550	STOPPER DECOMP.STOPP	1				0.02	0.044
016	15221-66410	BOLT	1				0.005	0.011
017	04512-50060	WASHER LOCK	1				0	0
018	15221-66633	COVER DECOMP HOLE	2				0	0
019	15221-66640	GASKET	2				0	0
020	01053-50614	BOLT	4				0.005	0.011
021	04512-50060	WASHER LOCK	4	≤8704		Z750-A	0	0
021	04512-50060	WASHER LOCK	4	≤1065		Z750-AW	0	0
021	04512-50060	WASHER LOCK	6	≥8705		Z750-A	0	0
021	04512-50060	WASHER LOCK	6	≥1066		Z750-AW	0	0
022	15221-66192	HOLDER DECOMP.WIRE	1				0	0
023	01053-50614	BOLT	2				0.005	0.011
024	04512-50060	WASHER LOCK	2				0	0
025	15221-66282	SPRING DECOMP.	1	≤1004		Z750-A	0	0
025	15221-66283	SPRING DECOMP.	1	≥1005		Z750-A(AW)	0	0
026	15221-66040	ASSY SHAFT DECOMP.	1				0.55	1.21
027	05412-00425	PIN SPRING	1				0.001	0.0022
028	15221-66350	BOLT DECOMP.	2				0.005	0.011
029	15221-66360	NUT DECOMP.	2				0.003	0.0066
030	04811-06100	O RING	4				0.001	0.0022
031	15221-15550	TAPPET	4				0	0
032	15221-15112	PUSH ROD	4				0	0
033	15221-14050	ASSY SHAFT ROCKER AR	1				0.15	0.33
034	03410-00808	SCREW SET	2				0.002	0.0044
035	15221-14030	ASSY ROCKER ARM	4				0	0
036	15222-14040	ROCKER ARM	4				0	0
037	99999-99999	BLANK	0			ORDER BY REF.No.035	0	0
038	15221-14232	SCREW ADJUSTING	4				0	0
039	15021-14240	NUT ADJUSTING	4				0.003	0.0066
040	15221-14350	BRACKET ROCKER ARM	2				0.044	0.0968
041	15221-14412	STUD	2				0	0
042	02056-50080	NUT	2				0.005	0.011
043	04512-50080	WASHER LOCK	2				0.001	0.0022
044	04012-50080	WASHER FLAT	2				0.001	0.0022
045	15221-14420	SCREW ROCKER ARM SHA	1				0.003	0.0066
046	15221-14430	WASHER ROCKER ARM SH	4				0.002	0.0044
047	15221-14312	SPRING ROCKER ARM	1				0	0
048	04612-00140	CIR-CLIP EXTERNAL	2				0.001	0.0022
049	15222-94313	LABEL OIL	1				0	0
050	15321-05992	COVER	1	≥8705		Z750-A	0.075	0.165
050	15321-05992	COVER	1	≥1066		Z750-AW	0.075	0.165



VALVE HEAD COVER ROCKER ARM

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REF.No	Part No.	Description	Q'ty	S.No.	I/C	REMARKS	Weight (kgf)	Weight (lb)
051	15321-05430	GASKET COVER	1	>=8705		Z750-A	0	0
051	15321-05430	GASKET COVER	1	>=1066		Z750-AW	0	0
052	01518-50616	STUD	2	>=8705		Z750-A	0.005	0.011
052	01518-50616	STUD	2	>=1066		Z750-AW	0.005	0.011
053	02056-50060	NUT	2	>=8705		Z750-A	0.002	0.0044
053	02056-50060	NUT	2	>=1066		Z750-AW	0.002	0.0044



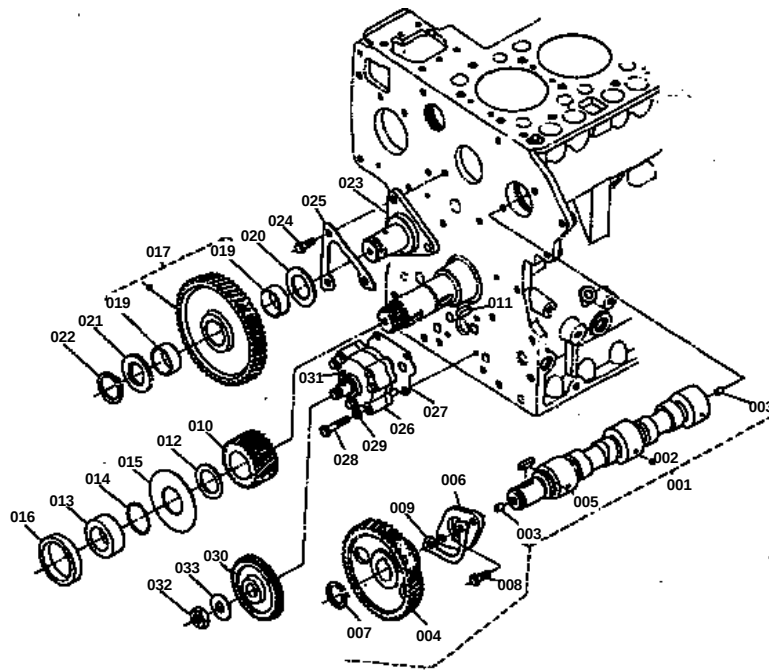


CRANK SHAFT

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REF.No	Part No.	Description	Q'ty	S.No.	I/C	REMARKS	Weight (kgf)	Weight (lb)
001	15222-23010	ASSY CRANK SHAFT	1				0	0
002	15131-01380	PLUG PIN	2				0.001	0.0022
003	15221-25010	ASSY FLYWHEEL	1				0	0
004	99999-99999	BLANK	0			ORDER BY REF.No.003	0	0
005	15221-63823	GEAR RING	1				0	0
006	05012-00612	PIN	2				0.003	0.0066
007	15221-25160	BOLT FLYWHEEL	6				0.024	0.0528
008	15221-25172	WASHER FLYWHEEL	3				0	0
009	15221-21110	PISTON	2				0.45	0.99
010	15221-21050	ASSY RING PISTON	2				0.05	0.11
011	15221-21310	PIN PISTON	2				0	0
012	15221-21330	CIR-CLIP PISTON PIN	4				0.002	0.0044
013	15221-22010	ASSY CONNECTING ROD	2				0	0
014	15221-21980	BUSH PISTON PIN	2				0	0
015	15221-22142	BOLT CONNECTING ROD	4				0	0
016	15221-22170	WASHER ROD BOLT	2				0.01	0.022
017	15221-22310	METAL CRANK PIN	4				0	0
018	15221-23470	METAL CRANK PIN 1	1				0	0
019	15221-23480	METAL CRANK PIN 2	4				0	0
020	15221-23530	METAL SIDE 1	2				0	0
021	15221-23540	METAL SIDE 2	2				0	0
022	15222-07020	ASSY CASE MAIN BEARI	1				0	0
023	99999-99999	BLANK	0			ORDER BY REF.No.020	0	0
024	99999-99999	BLANK	0			ORDER BY REF.No.020	0	0
025	15221-04542	BOLT 1	4				0	0
026	15221-04573	WASHER 1	2				0	0
027	15221-04583	WASHER 2	2				0	0
028	15221-04360	GASKET	1				0	0
029	15221-04812	COVER BEARING	1				0	0
030	15221-04820	GASKET BEARING COVER	1				0	0
031	01053-50825	BOLT 1	8				0.014	0.0308
032	04512-50080	WASHER LOCK	8				0.001	0.0022
033	04012-50080	WASHER FLAT	8				0.001	0.0022
034	01053-50828	BOLT	8				0.014	0.0308
035	15221-04642	WASHER LOCK 1	1				0	0
036	15221-04652	WASHER LOCK 2	2				0	0
037	15221-04662	WASHER LOCK 3	1				0	0
038	15221-04460	SEAL OIL	1				0.06	0.132
039	15222-07010	ASSY CASE MAIN BEARI	1				0	0
040	99999-99999	BLANK	0			ORDER BY REF.No.033	0	0
041	99999-99999	BLANK	0			ORDER BY REF.No.033	0	0
042	15221-04562	BOLT 2	1				0	0
043	15221-04590	WASHER 3	1				0.005	0.011

CAM SHAFT



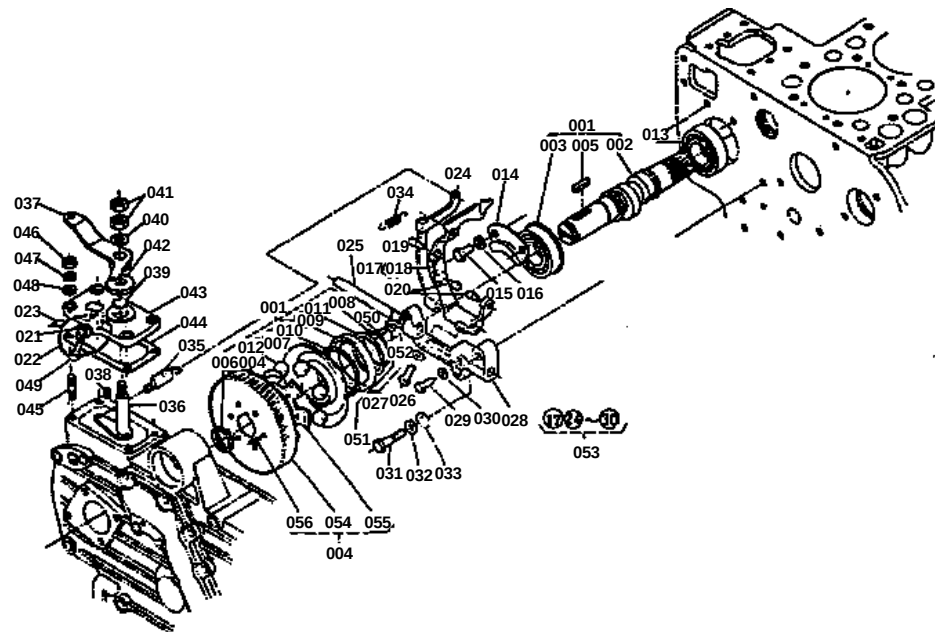


CAM SHAFT

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REF.No	Part No.	Description	Q'ty	S.No.	I/C	REMARKS	Weight (kgf)	Weight (lb)
001	15221-16010	ASSY CAMSHAFT	1				0	0
002	15222-16040	ASSY COMSHAFT SUB	1				0	0
003	15221-33630	PLUG PIN	2				0.001	0.0022
004	15221-16515	GEAR CAM	1				0	0
005	05712-00720	KEY	1				0.008	0.0176
006	15221-16273	STOPPER CAMSHAFT	1				0	0
007	04612-00240	CIR-CLIP EXTERNAL	1				0.002	0.0044
008	01053-50816	BOLT	2				0.011	0.0242
009	15221-16250	WASHER	1				0.01	0.022
010	15221-24114	GEAR CRANK	1				0	0
011	05712-00720	KEY	1				0.008	0.0176
012	15221-24130	COLLAR CRANK GEAR	1				0.015	0.033
013	15221-23250	COLLAR CRANK SHAFT	1				0	0
014	04811-10300	O RING	1				0.001	0.0022
015	15221-23312	OIL CUT CRANK SHAFT	1				0	0
016	09550-00000	SEAL OIL	1				0	0
017	15221-24010	ASSY GEAR IDLE	1				0.5	1.1
018	99999-99999	BLANK	0				0	0
019	15221-24280	BUSHING IDLE GEAR	2				0	0
020	15221-24362	COLLAR IDLE GEAR 1	1				0	0
021	15221-24370	COLLAR IDLE GEAR 2	1				0.018	0.0396
022	15221-24320	CIR-CLIP IDLE GEAR	1				0.01	0.022
023	15221-24255	SHAFT IDLE GEAR	1				0	0
024	01053-50818	BOLT	3				0.011	0.0242
025	15221-24310	WASHER IDLE GEAR SHA	1				0.01	0.022
026	15221-35010	ASSY PUMP OIL	1				0.43	0.946
027	15221-35152	GASKET OIL PUMP	1				0	0
028	01053-50640	BOLT	4				0.011	0.0242
029	04512-50060	WASHER LOCK	4				0	0
030	15221-35660	GEAR	1				0	0
031	05712-00410	KEY	1				0.001	0.0022
032	15221-35680	NUT	1				0	0
033	15221-35670	WASHER	1				0.005	0.011

FUEL CAMSHAFT



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