

**DAFTAR BAHAN BAKU DAN BAGIAN TERTENTU UNTUK PEMBUATAN  
BAGIAN ALAT-ALAT BESAR DAN BAGIAN TERTENTU UNTUK PERAKITAN  
ALAT-ALAT BESAR YANG DIBERIKAN PEMBEBASAN BEA MASUK**

NO.	URAIAN BARANG
	<b>I. UNTUK PERAKITAN BULLDOZER</b>
1	BAR/ANGLE, BAR/SQUARE BAR/ROUND BAR (DIAMETER > 20 mm)
2	BEARING/RAE/CONE/BUSHING/BOSS/COLLAR/HOLDER/BUSH/CAGE/PLUG. BUTION
3	BIT, END/EDGE, SIDE/SIDE CUTTER/EDGE, CUTTING/TEETILTOOTH
4	BOLT/STUD/U-BOLT/SCREW
5	BREAKER, CIRCUIT
6	CLAMP/BAND/CLIP/SEAT/STRAP
7	CLUTCH ASSY, STEERING/FINAL DRIVE/MAIN CLUTCH ASSY/STEERING CASE BRAKE GROUP
8	CONTROL BOX ASSY/DASH (CAN) ASSY/FLOOR PLATE ASSY/DASHBOARD/CAUTION
9	CONVERTER AS, TORQUE/TRANSMISSION ASSY/POWERLINE ASSY
10	COUPLING, TURBOCHARGER
11	COVER/BAFFLE/SHEET/HOOD/GUARD/COVER ASSY
12	CYLINDER ASSY/LIFT-CYLINDER/TILT-CYLINDER/YOKE ASSY/OKE CYLINDER
13	ELBOW/JOINT/MANIFOLD/BLOCK, MANIFOLD/CONNECTOR/SLEEVE/NOZZLE/INSERT
14	FASTENER/YOKE/LOCK/HING/CATHER/HANDLE/PEDAL/STOOPER/RIVET, LATCH, LEVER
15	FLANGE/ADAPTOR/ADAPTER/FITTING/STEM
16	FUSE/WIRE/WIRING-HARNESS/CABLE
17	GASKET/SHEET/SHEET-RUBBER/RUBBER/V-BELT/GROMMET/PAD AS
18	GAUGE/METER/GAGE/FILLER/OIL-LEVEL/PLUNGER/SERVICE-METER
19	GEAR ASSY
20	HORN ASSY (24V)
21	HOSE ASSY/HOSE (PRESSURE : 100 Kg/Can2)
22	INDICATOR/DUST-INDICATOR
23	LAMP ASSY/WORK LAMP/LENS
24	MUFFLER/PIPE, EXHAUST/EXTENTION/EJECTOR/BODY AS-PRECLEANER
25	NIPPLE/TEE/UNION
26	NUT/LOCN NUT/NUT WELD
27	PIN/PIN ASSY/KEY-WOODRUFF/DOWEL-PIN/COTTER-PIN
28	PIVOT ASSY/SUPPORT/TRUNNION/EQUALIZER BAR/BRACE, BRACKET/BRACKET-ASSY
29	PLATE, RADIATOR GUARD/HEAD/HEAD-RADIATOR
30	PLATE/PLATE ASSY/STEEL PLATE (GR/DE SAMARGA/LE 170 SMITH-SMSUK SMSUK/SHT 50/SHT 60/SHT 800/SHT 110/S43C/S43C/SS400/SS41-SS30)
31	PUMP ASSY/HYDRAULIC PUMP/GREASE PUMP
32	RADIATOR ASSY/CORE RADIATOR/COOLING UNIT/OIL COOLER
33	ROLLER CARRIER/TRACK/TRACK LINK/TRACK SHOE/TRACK IDLER/SHOE-PLATE
34	SEAL/SEAL OIL/SEAL DUST/SEAL-O RING/FLOATING-SEAL/SEAL-RING ASSY
35	SHAFT/ROD/PROPELLER SHAFT/P.T. O-SHAFT
36	SPRING. ROD/RECOIL SPRING/SPRING ASSY/ADJUSTER/END. ROD-ROD ASSY
37	SWITCH/SENSOR/THERMO SENDING/SOLENOID/SENDER
38	TANK HYDRAULIC ASSY
39	TEE-PIPE/JOINT
40	TOOL GROUP/KIT/TOOL BOX/HAMMER/WRENCH/SPARE-PART BOX, SPARE PART TABLE/RATCHET
41	TRANSMISSION CASE/UNIVERSAL JOINT/DUMPER/CASE/FRAME CASE/DAMPER/BUMPER
42	TUBE/PIPE/STEEL PIPE (DIAMETER > 10 mm)
43	VALVE/CONTROL VALVE/VALVE-ASSY/COCK-SHUT OFF
44	WASHER/LOCK WASHER/SPRING WASHER/SPACER
45	WATER SEPARATOR/CORROSION RESISTOR/REGULATOR
46	WELDING WIRE (DIAMETER > 0,6 mm)
	<b>II. UNTUK PERAKITAN HYDRAULIC EXCAVATOR</b>
1	ADAPTER/TOOTH/EDGE/SIDE CUTTER
2	BEARING/RACE/CONE/CAP/BUSHING/BOSS/COLLAR/HOLDER/BUSH/BUSHING ASSY
3	BEARING SWING/DRIVE, SWING CIRCLE/SWING MACHINERY/SWIVEL JOINT/CENTER BOSS
4	BLADE/PLATE, CABIN/PLATE AS/WIPER MOTOR/DOOR/WIRE/HARNESS/WIRING HARNESS CABLE/HEATER/PANEL/DUST INDICATOR

5	BOLT/STUD/U-BOLT/U-STUD/SCREW
6	CLAMP/BAND/CLIP/SEAT/STRAP
7	CONTROL GOVERNOR/PILOT/BOX/CONTROL-BOX/CONSOLE UNIT
8	COVER/BAFFLE/SHEET/HOOD/GUARD/BUARD HOSE
9	CUSHION/ACCUMULATOR/DAMPER/DUMPER/BUMPER/CUSHION ASSY
10	CYLINDER ASSY/BOOM-CYLINDER/DUCKET-CYLINDER/ARM-CYLINDER
11	ELBOW/MANIFOLD/CONNECTOR/JOINT/SLEEVE/NOZZLE/PLUG/BUTTON PLUG
12	FASTENER/YOKE/LOCK/HINGE/CATCHER/HANDLE/STOPPER/RIVET/BRACKET/KNOB
13	FLANGE/COUPLING/FITTING/STEM
14	FLOOR MAT/RUBBER/SHEET-RUBBER/RUBBER-MOUNTING/MOUNTING/V-BELT
15	GASKET/SHEET
16	GAUGE/METER/GAGE/INDICATOR/FILLER/OIL-LEVEL/PLUNGER/SERVICE METER
17	GEAR ASSY/FINAL DRIVE ASSY/SPROCKET/FINAL DRIVE
18	HORN ASSY (24V)
19	HOSE ASSY/HOSE (PRESSURE > 100 Kg/Cm2)
20	LAMP ASSY, WORK/FLOOD
21	LINK TRACK/TRACK ROLLER/ROLLER CARRIER/TRACK SHOE/TRACK IDLER/SHOE-PLATE
22	MIRROR GP
23	MOTOR ASSY, SWING/TRAVEL DEVICE/TRAVEL MOTOR
24	MUFFLER/PIPE, EXHAUST/EXTENTION/EJECTOR
25	NIPPLE ASSY/NIPPLE
26	NUT/LOCK NUT/NUT WELD
27	PIN ASSY/KEY-WOODRUFF/DOWEL/DOWEL-PIN/PIN-SPRING/PIN
28	PLATE/PLATE ASSY/STEEL PLATE (GRADE SM490A/IE170/SM41B/SM50/SM50K/SHT50/SHT60/SHT80/SHT110/S43C/S43C/SS400/SS41/253C)
29	PUMP ASSY/HYDRAULIC PUMP/PUMP/GREASE-PUMP
30	RADIATOR ASSY/CORE RADIATOR/COOLING UNIT/OIL COOLER
31	RELAY ASSY, DEVICE
32	RING/RING-ASSY
33	SEAL/SEAL OIL/SEAL DUST/SEAL-RING/FLOATING SEAL
34	SHAFT
35	SPRING/ADJUSTER/END-ROD
36	SQUARE BAR/ANGLE BAR/CHANNEL/ROUND BAR/BAR (DIA > 10 mm)
37	SWITCH/SENSOR/THERMO SENDING/SOLENOID/SOLENOID VALVE/ADAPTOR/FUSE/SENDER
38	TEE-PIPE/JOINT/TEE/UNION
39	TOOL GROUP/KIT/TOOL BOX/WRENCH-HAMMER/SPARE-PART TABLE/ACC. TABLE/RATCHET
40	TUBE/PIPE/STEEL PIPE (DIAMETER > 10 mm)
41	VALVE ASSY/CONTROL VALVE/MAIN VALVE/VALE
42	WASHER/LOCK WASHER/SPRING WASHER/SPACER
43	WATER SEPARATOR/CORROSION RESISTOR
44	WELDING WIRE (DIAMETER > 0.6 mm)
	<b>III. UNTUK PERAKITAN FORKLIFT</b>
1	BEAM S45C, S43C/S33MR/S45MR
2	BEARING/ROLLER BEARING
3	BELL CRANK/ARM
4	BOLT/ANCHOR BOLT/SERRATION BOLT/KNOB BOLT/PLUG/SCREW/STUD
5	BONNET/HOOD ASSY/COVER ENGINE/TOP PANEL/BODY ASSY/TOE BOARD
6	BRAKE ASSY/BOOST MASTER/MASTER CYLINDER/BOOSTER ASSY/VACUUM ASSY
7	BUSH/BUSHING/COLLAR/BOSS/SHEAVE/SPACER
8	CHAIN ASSY
9	CLAMP/CLIP/GROMMET
10	COOLER/RADIATOR/RESERVOAR
11	COTTER PIN/PIN/KING PIN/ROLL PIN/SPRING PIN/CLEVIS
12	CYLINDER ASSY/LIFT CYLINDER/TILT CYLINDER/PS CYLINDER/SOCKET UND
13	DISC CLUTCH RELEASE CYLINDER/CLUTCH MISSION/PEDAL ASSY
14	ENGINE ASSY
15	ELBOW/TEE/FITTING/CONNECTOR/ADAPTOR/FLANGE
16	SHEET/HEADLINING SHEET
17	FORK ASSY
18	FRONT AXLE/RR AXLE/DRIVE/POWER LINE ASSY
19	FUSE/FUSE BOX/CIRCUIT BOX/FUSIBLE LINK/HARNESS ASSY/TERMINAL
20	GASKET/PACKING
21	GEAR/GEAR BOX ASSY
22	HAND BRAKE/PARKING BRAKE
23	HORN ASSY/BUTTON HORN
24	HOSE/HOSE ASSY/PLUG HOSE

25	HOUR METER/REFLECTOR/METER PANEL ASSY
26	HUB/NUT HUB/SUPPORT/BRACKET
27	HYDRAULIC PUMP ASSY/PUMP ASSY/GEAR PUMP/HYDRAULIC MOTOR
28	JOINT, UNIVERSAL/BALL/KNOB/YOKE
29	KUCKLE
30	LAMP/PANEL ASSY/INDICATOR, SENSOR, GAUGE LAMP/SENDING UNIT/FLASHER/CONSOLE BOX ASSY
31	NIPPLE/UNION
32	NUT/U-NUT
33	O-RING/RING/SNAP RING
34	PIPE/TUBE ASSY (ROUND, SQUARE)
35	PLATE, FINGER BAR/BOARD FLOOR/HORIZONTAL BAR SM50A/SM50B/SM570/KWF/S700H : SS400; SHT 50/SHT 60
36	PROFIL I/RAIL STEEL : S43C, 545C/S33MR, S45MR
37	PROFIL U/CHANNEL STEEL : S43C, S43C/S33MR, S45MR
38	ROD ASSY/ROD END/TIE ROD
39	RUBBER/STABILIZER/CUSHION/SEAT MOUNTING/PAD/BOOT/MAT
40	SEAL/INSULATOR ASSY/GLASS WOOL/WEATHER STRIP/SPONGE
41	SEDIAMENTER FILTER/FILTER ASSY/AIR CLEANER/DUCT/LOUVER BREATHER ASSY/STRAINER
42	SHAFT/LEVER
43	SHIM/STRIP/MARK/LINER
44	SPRING/STRIKER/HOOK
45	STAY DAMPER/LINK/WIRE/LOCK ASSY/HINGE/HOLDER
46	STEERING COLUMN/STEERING GEAR BOX/STEERING WHEEL/HANDLE/GRIP
47	SHROUD/SHIELD/CAP/COVER
48	SWITCH ASSY/TURN SIGNAL SWITCH/STARTER SWITCH & KEY/RELAY/TIMER
49	TIRE ASSY (TIRE, TUBE, FLAP) EXTENSION TIRE VALVE
50	TOOL KIT/TOOL SET/BAG TOOL/MANUAL/CATALOG
51	TORQUE CONVERTER ASSY/TORQUE CONVERTER SUB ASSY
52	TRANSMISSION ASSY/TRANSMISSION SUB ASSY
53	VALVE ASSY/SAFETY VALVE/CHECK VALVE/DOWN CONTROL VALVE ASSY/EXT. VALVE/FLOW REGULATOR/CONVERTER
54	WASHER/WASHER SPRING/WASHER PLATE
55	WHEEL RIM/RIM ASSY/WHEEL ASSY
56	WELDING WIRE DIAMETER > = 6 mm
	<b>IV. UNTUK PERAKITAN MOTOR GRADER</b>
1	AXLE, FRONT/REAR ASSY/KNUCKLE/SPINDLE
2	BAR/SEQUARE-BAR/ANGLE-BAR/ROUND BAR (DIAMETER > 20 mm)
3	BEARING/RACE/CONE/CAP/BUSHING/BOSS/COLLAR/HOLDER/TEI/CAGE
4	BIT, END/EDGE, SIDE/WEAR PLATE/EDGE, CUTTING
5	BOLT/STUD/BALL STUD/SCREW
6	BREAK ASSY/CAHMBER/RESERVOIR/PARKING-BRAKE
7	CHAIN/CHAIN GROUP
8	CIRCLE REVERSE GEAR ASSY/CIRCLE SUPPORT/SUN-GEAR/GEAR/BEVEL GEAR/IDLE-GEAR
9	CLAMP/BAND/CLIP/STRAP/FLANGE/YOKE/YOKE ASSY
10	CLUTCH ASSY/TANDEM CASE/COUPLER
11	CYLINDER ASSY/CYLINDER/ROD-CYLINDER
12	DISK/DISK DUMPER
13	DOUBLE P.C/DOUBLE PVC
14	DRIVE ASSY/FINAL DRIVE/DIFFERENTIAL ASSY
15	ELVOW/JOINT/MANIFOLD/CONNECTOR/NOZZLE/SLEEVE/PLUG/BUTTON PLUG
16	FITTING LOCK/ADAPTER/COUPLING/STEM/FASTENER/LAICH, RETERTER/ADAPTOR
17	GAUGE ASSY, OIL LEVEL/METER/GAGE/INDICATOR/FILLER/PLUNGER SENDER/SERVICE-METER/CABLE/WIRE/WIRING HARNESS/HARNESS
18	GASKET/SHEET/RUBBER/RUBBER-MOUNTING/V-BELT
19	GAUGE, TIRE/VALVE-TIRE
20	HOSE ASSY/HOSE (PRESSURE > 100 Kg/Cm2)
21	HOUSING ASSY/CASE/COVER
22	LAMP ASSY/SENSOR/ALARM/HORN ASSY (24V)
23	MUFFLER ASSY/PIPE, EXHAUST/PIPE ASSY/EXTENTION/EJECTOR
24	NIPPLE/INSERT/SLEEVE/UNION/SPACER
25	NUT/LOCK NUT/NUT WELD/NUT-SLOTTED
26	PIVOT ASSY/PIVOT ARM/ROD HEAD/WEDGE/TRUNNION/ARM/BRACKET
27	PLATE/PLATE ASSY/STEEL PLATE (GRADE SM490A/TE170/SM41B/SM50/SM50K/SHT50/SHT60/SHT80/SHT110/S43C/S45C/SS400/SS41/S53C)
28	PUMP ASSY/HYDRAULIC PUMP/TANDEM PUMP ASSY
29	RADIATOR ASSY/CORE RADIATOR/COOLING UNIT/OIL COOLER

30	RIM ASSY/WHEEL RIM ASSY/RING LOCK-RIM/RING/RING ASSY/RING LOCK
31	TOOL GROUP/TOOL BOX/HAMMER/WRENCH/SPARE-PART BOX/SPARE-PART TABLE/RATCHET
32	SEAL/SEAL OIL/SEAL DUST/SEAL-RING/DOWTY-SEAL/FLOATING SEAL
33	WATER SEPARATOR/CORROSION RESISTOR/CARTRIDGE/STRAINNER
34	SHAFT/ROD/PROPELLER SHAFT/ROD END
35	SPRING ROD/ADJUSTER/LEVER
36	SPROCKET
37	STUD BALL/BALL-JOINT
38	SUPPORT/GUIDE/PROTECTOR/BACKET/CHANNEL
39	TANK, HYDRAULIC ASSY
40	TOOTH/SCRAIFIER/SHANK/BLOCK DRAWBAR/DRAWBAR-ASSY/FRAME
41	TRANSMISSION ASSY CASE/UNIVERSAL JOINT/SWIVEL JOINT/DUMPER PULLEY-DAMPER
42	TUBE/PIPE/STEEL PIPE (DIAMETER > 10 mm)
43	VALVE/CONTROL VALVE/VALVE-ASSY/BASE/FLOW DIVIDER/BRAKE-VALVE
44	WASHER/LOCK WASHER/SPRING WASHER/SPACER
45	WHEEL ASSY, STEERING/COLUMN STEELING/STEERING POST ASSY/MIRROR OPERATOR COMPARTEMENT
46	WELDING WIRE (DIAMTER > 0,6 mm)
	<b>V. UNTUK PERAKITAN WHEEL LOADER</b>
1	AXLE, FRONT/REAR ASSY/REAR-FRAME/FRONT-FRAME
2	AXLE, SUPPORT ASSY/COCK ASSY/BACKET ASSY
3	BEARING/RACE/CONE/CAP/BUSHING/BOSS/COLLAR/HOLDER/TEE/ADAPTOR/ADAPTER
4	BOLT/STUD/BALL-STUD/U-BOLT/SCREW
5	BREAK CHAMBER/RESERVOIR, PARKING/CUSHION/ACCUMULATOR/GOVERNOR/ACTUATOR
6	CHAIN/CHAIN GROUP
7	CLAMP/CLIP/BAND/SEAT/STRAP
8	COVER/BAFFLE/SHEET/HOOD/GUARD/GUIDE/COVER ASSY/BLOCK
9	CYLINDER ASSY/BUCKET-CYLINDER/STICK-CYLINDER
10	DASHBOARD/CONTROL BOX ASSY/DASH (CAN) ASSY/BOX/FLOOR-FRAME
11	ELBOW/JOINT/MANIFOLD/CONNECTOR/NOZZLE/SLEEVE/PLUG/BUTTON PLUG
12	FLANGE/BLOCK/BODY/CASE/FITTING/STEM/FASTENER
13	GASKET/SHEET/SHEET-RUBBER/STOPPER-RUBBER/BOOT/GROMMET
14	GAUGE ASSY, DIL LEVEL/METER/GAGE/INDICATOR/FILLER/FIRE-GAUGE/PLUNGER/OIL FILTER/DUST-INDICATOR/HYDROMETER
15	GEAR/BEVEL/SECTOR/COUPLING/RETAINER
16	HORN ASSY (24V)
17	HOSE ASSY/HOSE (PRESSURE) > 100 Kg m2)/HOSE-RIRE
18	LAMP ASSY/ALARM/BEAR COMPARTEMENT LAMP/FRONT LIGHT ASSY/FLOOD LIGHT
19	LINK/BELL-CRANK/LINK-BUCKET/LEVER/CROSSMEMBER
20	MUFFLER ASSY/PIPE EXHAUST/EXTENTION/EJECTOR
21	NIPPLE/UNION/INSERT/JOINT
22	NUT/LOCK NUT/NUT WELD
23	PIN/PIN ASSY/KEY-WOODRUFF/DOWEL/LINCH-PIN/COTTER PIN
24	PLATE/PLATE ASSY/STEEL PLATE (GRADE SM490A/IE170/SM41B/SM50/SM50K/SHT50/SHT60/SHT80/SHT110/S43C/S43C/SS400/SS41/S53C)
25	PUMP ASSY/HYDRAULIC PUMP/GREASE-PUMP
26	RADIATOR ASSY/CORE RADIATOR/COOLING UNIT/OIL COOLER/FAN GUARD
27	RELAY/WIRE/WIRING-HARNESS/CABLE/HARNESS/WIRE-ROPE
28	RIM ASSY/WHEEL RIM ASSY/RING LOCK-RIM/RETAINER-RIM
29	ROUND BAR/BAR (DIAMTER > 20 mm)
30	RUBBER/RUBBER MOUNTING/MOUNT/CUSHION/BUMPER/DAMPER/DUMPER
31	SEAL/SEAL OIL/SEAL DUST/SEAL-RING
32	SHAFT/PROPELLER SHAFT/ROD/ROD ASSY/ROD-END
33	SPRING, ROD/SEAL DUST/SEAL-RING
34	STEERING GEAR, LEVEL, VALVE ASSY
35	SWITCH/SENSOR/SOLENGID
36	TANK, HYDRAULIC ASSY/AIR-TANK ASSY
37	TEE PIPE/JOINT
38	THERMO UNIT
39	TIRE > 23,5 x 25 /TUBE-TIRE
40	TOOL GROUP/KIT/TOOL BOX/WRENCH/DRIVER-SCREW/PLIER/TOOL-TABLE/RATCHET SPARE-PART TABLE/HAMMER
41	TOOTH/CORNER TOOTH/EDGE, CUTTING/BELLCRANK
42	TRANSMISSION ASSY, CASE/UNIVERSAL JOINT/DUMPER PULLEY
43	TUBE ASSY, TUBE/PIPE/STEEL PIPE (DIAMETER > 10 mm)
44	VALVE/VALVE ASSY/CONTROL VALVE/CHECK VALVE/RELIEF VALVE/SPOOL VALVE
45	WASHER/LOCK WASHER/SPRING WASHER

46	WATER SEPARATOR/CORROSION RESISTOR/REGULATOR/INSULATION
47	WHEEL ASSY, STEERING/COLUMN STEERING/OPERATOR COMPARTEMENT-PLATFORM
48	WELDING WIRE (DIAMETER > 0.6 mm)
	<b>VI. UNTUK PERAKITAN MOTOR PENGGERAK ALAT BESAR</b>
1	ADAPTOR ASSY
2	ADJUST PLATE
3	AFTER COOLER ASSY
4	AIR CLEANER ASSY
5	AIR COMPRESSOR
6	AIR DUCK ASSY
7	ALTERNATOR
8	ARM ASSY
9	BAND
10	BASE ASSY, FUEL FILTER
11	BASE, FUEL PRIMING PUMP
12	BEARING/METAL BUSH
13	BELL ASSY, OIL PUMP CUSTION
14	BLOCK, CYLINDER
15	BODY ASSY, PISTON
16	BOLT/SCREW
17	BONNET
18	BOSS
19	BRACKET ASSY
20	BREATHER ASSY
21	BUSHING REDUCING
22	CAMSHAFT ASSY
23	CAP/PLUG
24	CASE
25	CASE ASSY, PRIMARY FUEL
26	CHAIN
27	CLAMP/CLIP
28	COCK
29	COLLAR
30	CONNECTOR
31	COOLER
32	CORE ASSY-OIL COOLER
33	CORROSION ASSY
34	COTTER
35	COUPLING
36	COVER
37	COVER, CYLINDER HEAD
38	COVER, FRONT HOUSING
39	COVER, POWER TAKE OFF HOUSING
40	COVER, PUMP DRIVE
41	COVER, WATER PUMP
42	CRANK, SHAFT ASSY
43	CROSS HEAD ASSY
44	CYLINDER HEAD ASSY
45	DAMPER ASSY (BALANCER)
46	DOWEL PIN
47	ELBOW
48	ELEMENT ASSY, FUEL FILTER
49	FAN
50	FASTENER
51	FILLER
52	FITTING
53	FLANGE
54	FLINGER
55	FLYWHEEL ASSY
56	FUEL FILTER ASSY
57	GAUGE ASSY/GAUGE OIL
58	GASKET
59	GEAR
60	GROMMET
61	GUIDE
62	HANGER, REAR

63	HEAD ASSY
64	HEAD COVER ASSY
65	HEATER, SIGNAL
66	HOLDER
67	HOSE
68	HOUSING ASSY, FRONT
69	HOUSING FLYWHEEL
70	HOUSING, GEAR
71	HOUSING THERMOSFAT
72	HUB, CRANKSHAFT
73	INDICATOR, DIST
74	INJECTION PUMP
75	JOINT
76	KEY
77	LEVER ASSY
78	LIFTER, VALVE
79	LINE ASSY, FUEL INJECTION
80	LINER, CYLINDER
81	LOCK
82	LOCK WASHER
83	LOCK NUT
84	MANIFOLD EXHAUST
85	MANIFOLD IN
86	MOTOR STARTER (STATOR)
87	NIPPLE
88	NOZZLE ASSY, DIRECT INJECTION
89	NOZZLE HOLDER ASSY
90	NUT
91	OIL COOLER ASSY
92	OIL DRAIN ASSY
93	O-RING
94	PACKING
95	PAN, OIL
96	PIN, PISTON
97	PIPE/TUBE
98	PIPE ASSY, OIL FILTER
99	PIPE CYLINDER HEAD INLET
100	PIPE, TRANSMISION OIL
101	PIPE, WATER PUMP OUTLET
102	PISTON
103	PLATE
104	PLATE ASSY, OIL PAN
105	PLATE ASSY, FRONT
106	PLATE, BLOCK
107	PLATE, CAUTION
108	PLATE, FRONT
109	PLATE, LIFTING EYE
110	PLATE, THRUST
111	PLUG
112	POINTER
113	PTO GEAR ASSY
114	PULLEY
115	PUMP, FUEL TRANSFER
116	PUMP, WATER
117	PUMP, ENGINE OIL
118	PUMP, FUEL PRIMING
119	PUMP, GOV & A
120	RETAINER
121	RIBBON HEATER
122	RING, PISTON
123	RING, WATER PUMP
124	ROCKER ASSY
125	ROD
126	ROD ASSY, CONNECTING
127	ROD END
128	ROD, VALVE PUSH
129	ROTATOR
130	RUBBER

131	SCREEN ASSY
132	SEAL
133	SEAL, OIL
134	SEAT
135	SEAT, SPRING
136	SENDING UNIT (WIRE HARNESS)
137	SHAFT, IDLER GEAR
138	SHIELD, HEAT
139	SHIM ASSY
140	SHUT OFF, ELECTRIC
141	SNAP RING
142	SOLENOID, SHUT OFF
143	SPACER
144	SPACER FAN
145	SPRING
146	STRAINER
147	STRAP
148	STUD
149	SUPPORT ASSY/SUPPORT RIGHT
150	SWITCH, HEATER
151	TACHO DRIVE ASSY
152	TAPPET
153	TEE
154	TENSION PULLEY
155	THERMOSTAT
156	THRUST METAL ASSY
157	TRUNNION ASSY
158	TURBOCHARGER
159	U BOLT
160	VALVE ASSY
161	VALVE, DRAIN
162	VALVE, EXHAUSE
163	VALVE, IN
164	VALVE, WATER
165	V-BELT
166	WASHER
167	WASHER, HARD
168	WATER SEPARATOR
	<b>VII. UNTUK PERAKITAN ROAD ROLLER/VIBRATING ROLLER</b>
1	AXLE ASSY
2	BEARING
3	BOLT
4	BOOT, GROMMET
5	BRACKET
6	BUSH/BUSHING
7	CAP
8	CLAMP
9	COLLAR
10	ELBOW
11	FUEL GAUGE
12	FUEL SENDER
13	FUSE
14	FUSE BOX
15	GASKET
16	HOSE
17	HOUR METER
18	HYDRAULIC CONTROL VALVE, VALVE ASSY
19	HYDRAULIC MOTOR
20	HYDRAULIC PUMP
21	NIPPLE
22	NUT
23	O-RING
24	PANEL
25	PIN
26	PIPE
27	PLUG

28	RELAY
29	RING
30	RUBBER CUSHION
31	SCREW
32	SEAL
33	SHAFT
34	SPRING
35	STEERING WHEEL
36	SWITCH ASSY
37	TIRE
38	WASHER
39	WHEEL ASSY
	<b>VIII. UNTUK PERAKITAN TRAKTOR PERTANIAN</b>
1	ACCELERATOR
2	ADAPTER
3	AIR CLEANER/AIR PRE CLEANER/CLEANER PBH
4	ALTERNATOR
5	ANGLE/ANULAR BALL
6	ANGULAR SCREW JOINT
7	ARM ASY/ARM SPEED CONTROL/ARM STEERING/ARM PTO DRIVE
8	AXLE ARM W BUSH/AXLE ASSY
9	BALL
10	BAND ASSY
11	BARE ENGINE/ENGINE ASSY/FLY WHEEL ASSY
12	BARRIER/CARRIER/WEIGHT FRONT END
13	BEAM/BUMPER
14	BEARING/YOKE/ROLLER
15	BEZEL ASSY/BLEED VALVE
16	BLOCK FUSE/FUSE/FUSE BOX
17	BLOCK SWAY/BLOCK
18	BOLT/FASTENER/BANJO/ANCHOR
19	BONNET/FENDER/BOOT/WRAPPER/HOOD
20	BRACKETS/MOUNTING/BOSS/ROCKER
21	BULB
22	BULKHEAD
23	BUSH/BUSHING DIFF LOCK
24	BUTTON/KNOB/KNOB STARTER/KNOB PTO CONTROL
25	CABLE BATTERY/CABLE GUARD/GROUND CABLE/HARNES ASSY/CABLE
26	CENTER REAR AXLE ASSY
27	CENTER REAR AXLE SHAFT ASSY/CENTRAL INFORMA
28	CHAIN/SWAY/CHECK CHAIN
29	CHECK VALVE
30	CLAMP/CLAMPING NUT/CLAMP HOSE
31	CLIP/COLLAR/CLEVIS
32	CLUTCH ASSY/COUPLING
33	CONNECTION/CONNECTOR
34	CONSOLE/CONSOLE BOX
35	CONSOLE SUPPORT/CONTROL ASSY/THERMOSTAT
36	COVEX FILLIS/DAMPER ASSY
37	COVER ASSY/PROTECTION/SHIELD
38	COWL
39	CUSHION/CUSHION CLUTCH
40	CYLINDER POWER STEERING/CYLINDER
41	DECAL/EMBLEM/LABEL/REFLECTOR/SPEED CHART/STICNER
42	DIPSTICK/GUIDE/INDICATOR ASSY
43	DISC SPECIAL ASSY CLUTCH/DISC SPEED CONTROL/DISC THROTTLE/DIFF. LOCK/THROTTLE PEDAL/THROOTTLE ASSY
44	DOWEL/KEY/WOOD KEY / FORN
45	DRAG LIN
46	DRAWBAR ATTACHMENT / BAR / STABILIZER
47	DRIVE SHAFT ASSY / SHAFT
48	DRIVE SHAFT GUARD / HYDRAULIC LIFT SHAFT
49	DUST CAP / CAP / SCREW / CAP PROTECTIVE / HUB CAP / HUB PTO / CUP
50	ELBOW / ELBOW FITTING / POWER STEERING
51	EXTENSION / EXTENSION FOOTH / EXTENSION SPRING



52	FAN / FAN BLADE
53	FILTER / FILTER CAP / SCREW
54	FITTING / FITTING 90 DEGREE / FITTING LUBRICAN / COUPLER / REDUCER
55	FLANGE / FLANGE NUT
56	FLAP
57	FLASHER
58	FOAM PAD / BILLET
59	FOOT REST / BOARD ASSY RUNNING
60	FRICITION DISC
61	FRONT CLOCK PAR
62	FRONT DRIVE AXLE ASSY / HUB FRONT WHEEL
63	FUEL TANK / DISK TANK / CHANNEL ASSY FUEL TANK / TANK ASSY
64	GASKET
65	GRILLE / GRILLE ASSY / BINGE / GRIP / HANGER
66	GROMMET
67	HITCH ATTACHMENT / END IMPLEMENT
68	HORN
69	HOSE & PIPING
70	HYDRAULIC LINKAGE / HYDRAULIC RESER / HYDRAULIC LEVEL LINK KWADRANT / HANDLE
71	HYDRAULIC PUMP / HYDRAULIC PUMP DRIVE / HYDRAULIC LIFT ASSY / DIFFUSER HYD LIFT / BODY HYD LIFT
72	INSTRUMENT PANEL / PANEL / PAWL
73	LAMP ASSY / LIGHT
74	LEFT AND RIGHT REAR AXLE ASSY
75	LEVER / SHIFT TOWER / ASSY-LEVER HAND BRAKE / SHANK ASSY BRAKE / LEVER RESPONS CONTROL
76	LIFT LINK / UPPER LIFT LINT
77	LINE COMP L.
78	LINK ASSY / LATCH / PEDAL / PAD
79	LOCK BUSHING
80	LOCK PLATE / LOCKING PLATE / LOCK WASHER
81	LOW FREQUENCY B
82	MANUAL BOOK / OPERATION MANUAL / LITERATURE
83	MEDALION LD / JET PISTON OIL
84	MOULDING / MANIFOLD ASSY EXHAUST
85	MUFFLER / SILENCER
86	NUT
87	OIL COOLER
88	OIL LINE / PAN OIL
89	O' RING / SEAL / OLIVE / SEAL PTO
90	PICK UP HITCH / AUTO HITCH
91	PIN / PLUNGER
92	PIPE / TUBE
93	PIVOT / SLIDER / PIVOT HOOD STAY
94	PLATE / STIFFENER PLATE
95	PLUG
96	POWER TAKE OFF COVER / GUARD / HANDLE PTO CONTROL
97	POWER TAKE OFF SHAFT ASSY / PTO SHAFT BEARING
98	PUMP HYDRAULIC STEERING / PUMP OIL / PUMP ASSY
99	RADIATOR / COOLER ASSY / THERMOSTAT ASSY
100	REAR AXLE ASSY
101	REINFORMCEMENT
102	RELAY
103	RETAINER / PTO
104	RING / SNAP RING /ABUTMEN
105	RIVET
106	ROD / KNUCKLE / ROD DIFFLOCK / ROD ASY
107	RUBBER STRAP
108	SCREW / CAP SCREW
109	SEAT / OPERATOR SEAT / SEAT DECK / SEAT GRAMMER
110	SELF STRUP / SELF TAPPING SP & SC
111	SENDER
112	SERIAL NUMBER PLATE / PLATE IDENTITY
113	SHACKLE
114	SHIM
115	SHROUD
116	STICKER
117	SIDE & BACK COVER / SIGH HOOD / SIDE SHIELD
118	SOCKET OUTLET / SOCKET 7 PIN

119	SPACER / SPLINT / STRAP ASSY / STRAP DRAWBAR ASSY / SPINDLE AND KA / HOUSING ASSY / TUNNEL
120	SPRING / COMPRESSION SPRING / HOOK
121	STARTER MOTOR / STARTING AID / MOTOR ASSY
122	STEERING COLUMN / STEERING WHEEL / STEERING LINKAGE / STEERING CONTROL UNIT / STEERING LEVER
123	STEP / FOOT STEP
124	STOPPER
125	STRIP / STRAP ASSY / DRIP TRAY
126	STUD
127	SUPPORT / SUPPORT FRAME / FRUNT WEIGHT FRAME / SUPPORT DRAWBAR SWAY B. WHR
128	SWITCH / STOP LIGHT PRESSURE TIME SWITCH / IGNITION KEY
129	SWIVEL
130	TAPE
131	TRHEE POINT LINKAGE / END TRACTOR CAT 2
132	TIRE / TUBE / TIRE TUBELES / TIRE VALVE
133	TOOL BOX / TOOL KIT / KEY WOODRUFF / BOX TOOL W HAN / SPANNER KM
134	TOP LINK / STRUT ASSY
135	TOWING ATTACHMENT
136	TRANSFER GEAR BOX ASSY / TRANSMISSION ASSY
137	UNDERHOOD MUFFLER
138	UNION
139	UNIVERSAL DRIVESHAFT
140	V BELT / PULLEY BELT IDLER / CONE & ROLLER
141	VALVE
142	WASHER / BELICAL WASHER / LOCK WASHER / SPRING WASHER / SPECIAL WASHER
143	WATER TRAP
144	WEATHER STRIP
145	WHEEL DISC / WHEEL RIM ASSY
	<b>IX. UNTUK PERAKITAN FORWARDER DAN TRACTOR POWERED FORWARDER</b>
1	ADAPTER / NIPPLE / CONNECTION
2	AXLE DRIVE / BOOGIE AXLE /PICYCLIC BAND TRACK ASSY
3	BEARING
4	BOLT
5	BRAKE ACTIVATOR / BRAKE RESERVOIR
6	BRAKE CALIPER
7	BRAKE DISC / DRUM / PINION DISC
8	BRAKE PAD
9	CABIN ASSY
10	CHAIN, ASSY
11	CLUTCH / COUPLING
12	CONTROL CABLE
13	CYLINDER, ASSY / MASTER CYLINDER
14	DIFFERENTIAL ASSY
15	DRAWBAR RING HITCH
16	ENGINE ASSY
17	FITTING / HYDRAUIC COUPLING
18	FLOW DIVIDER
19	GAUGE / METER
20	GEAR ASSY / TRANSFER GEAR, CASE
21	HOSE, PRESSURE > 100 Kg/Cm
22	HYDRAULIC CYLINDER / CRANE ASSY
23	HYDRAULIC MOTOR, ASSY / HIDRAULIC PUMP, ASSY
24	INNER TUBER > 400 mm
25	LEVER / CLEVIS
26	MUFFLER ASSY, EXHAUST / PIPE, EXHAUST
27	NUT / LOCK NUT
28	OIL COOLER / RADIATOR ASSY
29	OPERATOR COMPARTMENT / LAMP ASSY
30	PINION, GEAR
31	PIPE
32	POWER TAKE OFF, SHAFT / UNIVERSAL JOINT
33	PROPELLER SHAFT / SHAFT, HALF SHAFT / QUARTER SHAFT ASSY
34	RACK
35	ROTATOR
36	RIM > 13 X 22.5

37	SEAL / GASKET / O-RING SEAL / DOWTY SEAL
38	SPROCKET
39	SEAT, 180 DEGREE TURN
40	SPEED INCREASER, ASSY / SPEED REDUCTION, ASSY
41	SPRING
42	STEERING ORBITROL
43	STRAIN / FILTER / CLEANER / SCREEN / ELEMENT
44	TRANSMISSION ASSY
45	TYRE >= 400 mm
	<b>XII. UNTUK PEMBUATAN COLLER DAN MUFFLER / PIPE ENHAUST</b>
1	COPPER STRIP
2	BRASS STRIP / SHEET
3	TERNE SHEET
4	SOLDER TAPE
5	BRAZING WIRE
6	NON CORROSIVE FLUX
7	COPPER ALLOY TUBE
8	BRASS TUBE
9	ALUMINIZED STEEL, ALUMINIZED STEEL TUBE
10	HOT ROLLED STEEL
11	ELECTRO GALVANIZED STEEL
12	GALVANIZED IRON STEEL
13	TIN PLATE OR TIN FREE STEEL
14	WOOLEN FELT / GLASS WOOL
15	COLD ROLLED STEEL
	<b>XIII. UNTUK PEMBUATAN ATTACHMENT ALAT BESAR</b>
	<b>A. CANOPY</b>
1	PIPE / ROUND TUBE (DIAMETER - 50 mm)
2	SQUARE TUBE > 50 mm
	<b>B. LOGFORK</b>
1	HOSE, HYDRAULIC > 1500 PSI
2	FITTING, ADAPTER / COUPLING > 2000 PSI
	<b>C. PALLET FORK</b>
1	TINE / BLANK FORK
2	HOSE, HYDRAULIC > 1500 PSI
3	FITTING / ADAPTER COUPLING > 2000 PSI
	<b>D. GRAPPLE</b>
1	VALVE / CONTROL / RELIEF / DIVERTER
2	ROTATOR / HYDRAULIC ACTUATED
3	FITTING ADAPTER / COUPLING > 2000 PSI
4	HOSE HYDRAULIC > 1500 PSI
	<b>E. BUCKET</b>
1	CUTTING EDGE / SIDE CUTTER
2	TEETH
3	ADAPTER
4	CORNER
5	TIP
6	RETAINER
7	PIN
8	HOLT
9	NUT

SALINAN Sesuai dengan aslinya  
Kepala Biro Umum,

Drs. Djoko Widodo  
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Menteri Keuangan

ttd

Mar'ie Muhammad

