

CX31B
Mini Excavator
Tier 4B
ASN PW16-80001

Parts Catalog

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Issued 05/2015



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REF FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
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PICTORIAL INDEX - HYDRAULIC SYSTEMS

REF FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
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PICTORIAL INDEX - CAB CLIMATE CONTROL

REF FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
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PICTORIAL INDEX - DOZER

REF FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
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INITIAL STOCKING LIST (LIST A)

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
	PS50V01005P1		CAB FILTER Cab Air
	PS50V01006P1		CAB FILTER A/C
	VV12915035153		ENGINE OIL FILTER
	PX50V01003P1		SCREEN
	YR52V01003P2		HYDRAULIC OIL FILTER Return
	VV12961242330		V-BELT Engine Water Pump
	VV11980255801		FUEL FILTER
	PX30V00050S019		FILTER Control Valve
	PW50V00015F6		FILTER STRAINER Suction
	YN57V00010F1		BREATHER Assembly
	YN57V00002S010		ELEMENT Breather
	VV12901703100		BREATHER Engine
	PW11P01038P1		AIR FILTER Inner
	PM11P00012S006		AIR FILTER Outer
	2446R314		FILTER STRAINER Fuel
	YN50V00020F1		HYDRAULIC OIL FILTER Inline
	PX11P00008F1		AIR PRE-CLEANER ASSY
	PM20P01019F1		CAP ASSY. Fuel

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ENGINE

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10.216.BA	02	FUEL LINE
10.216.BA	03	FUEL LINE
10.216.BA	04	FUEL LINE
10.218.AF	01	FUEL INJECTION VALVE
10.218.AF	02	FUEL INJECTION VALVE
10.218.AQ	01	FUEL INJECTION PUMP
10.218.AQ	02	FUEL INJECTION PUMP
10.220.AA		CONTROL, ASSY, ENGINE, DIESEL
10.220.AM		GOVERNOR
10.254.AC		EXHAUST MANIFOLD
10.254.AI		MUFFLER, ASSY
10.254.AM		SUCTION, MANIFOLD
10.304.AC		LUB. OIL SYSTEM
10.400.BB	01	COOLING WATER SYSTEM
10.400.BB	02	COOLING WATER SYSTEM
10.400.BE	01	RADIATOR, GROUP, AIR CONDITIONER

GASKET, SET

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
29	VV22190120002		1 SEAL Washer, 12
30	VV22190220002		1 SEAL 21.75mm ID x 30mm OD x 2.5mm Thk Washer, 22
31	VV23414080000		1 SEAL 8X1.0
32	VV24311000120		3 O-RING 1AP12.0
33	VV24311000320		3 O-RING 1AP32.0
34	VV24341000240		1 O-RING 1AS24.0
35	VV12940092430		1 FLEXIBLE HOSE Hone
36	VV9777701207F		1 GASKET Liquid

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CYLINDER HEAD, BONNET

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
29	VV26106080502		6 BOLT M8 x 50mm M8X 50 Plated
30	VV12416001751		1 CAP Cover, Filler
31	VV12901711350		1 VALVE COVER Bonnet Assy, Incl 32 - 41
32	VV12900403010		1 PLATE ASSY.
33	VV12915003070		1 BAFFLE Breather
34	VV11980203110		1 PLATE
35	VV11980203121		1 COVER Diaphragm
36	VV11980203130		1 DIAPHRAGM
37	VV11980203141		1 SPRING Diaphragm
38	VV12900411310		1 GASKET Bonnet
39	VV12992879700		1 CLIP
40	VV22857500100		8 SCREW M5 x 10mm 5X10
41	VV26106080102		1 BOLT M8 x 10mm M8X10 Plated
42	VV12416011360		3 KNOB
43	VV24311000120		3 O-RING 1Ap12.0
44	VV24311000320		1 O-RING 1Ap32.0
45	VV11980377830		1 WIRE HARNESS
46	VV12900877800		3 PLUG Glow
47	VV12900877820		1 ELEC CONNECTOR Glow Plug
48	VV12013011860		3 VALVE GUIDE
49	VV12915011810		3 VALVE GUIDE

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CLEANER, ASSY, AIR

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
1	PX11P00010F1		1 AIR CLEANER Assy
2	PX11P00008F1		1 AIR PRE-CLEANER ASSY

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FUEL LINE

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
1	PX53V00004P1		1 OIL COOLER
2	PR21P01018D9		1 HOSE
3	PX21P01016D1		1 HOSE
4	PX21P01016D3		1 HOSE
5	HX81X13210DX		1 TUBE
6	HX81X13026DX		1 TUBE
7	HX81X13044DX		1 TUBE
8	PY21P01019P1		1 JOINT
9	PH05P01088D5		2 CLIP
10	YN13E01375P1		5 CLIP M8 x 8.20mm Shank
11	PY01P01043D3		6 CABLE TIE 188mm L Clip
12	PX21P01016D2		1 HOSE
13	HX81X13012DX		1 TUBE
14	PX21P01018P1		1 TUBE
15	ZN18C08007		2 NUT
16	ZW16H08000		2 WASHER
17	PH05P01088D6		6 CLIP

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FUEL INJECTION VALVE

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
1	VV72901753100		3 FUEL SYSTEM INJECTOR Assy, Incl 2 - 8
2	VV12901753000		3 NOZZLE Assy
3	VV11425053080		3 NUT Nozzle D16.95
4	VV11425053120		1 SPRING Nozzle
5	VV11425053130		3 SEAT Spring
6	VV11425053140		3 PLATE
7	VV11425053210		6 PIN
8	VV11980353400		3 SHIM KIT Set

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GOVERNOR

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
1	VV15855351930		1 PLUG M12 M12
2	VV15855361050		1 SEAL Gasket
3	VV12900861301		1 NUT
4	VV15855761720		1 SENSOR
5	VV15855361780		1 SENSOR Gear
6	VV22190120002		1 SEAL Washer, 12
7	VV24341000480		1 O-RING 1AS48.0
8	VV26106060162		1 BOLT M6 x 16mm M6X16 Plated
9	VV26106060202		10 BOLT M6 x 20mm M6X20 Plated
10	VV26106080252		3 BOLT M8 x 25mm M8X25 Plated

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COOLING WATER SYSTEM

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
1	VV12901742010		1 WATER PUMP Assy
2	VV12948642021		1 GASKET Water Pump
3	VV12900442040		1 JOINT
4	VV12948642140		1 O-RING G30
5	VV12439549840		1 GASKET
6	VV23414080000		1 SEAL 8X1.0
7	VV26106080122		1 BOLT M8 x 12mm M8X12 Plated
8	VV26106080162		3 BOLT M8 x 16mm M8X16 Plated
9	VV26106080452		1 BOLT M8 x 45mm M8X45 Plated
10	VV26106080602		3 BOLT M8 x 60mm M8X60 Plated
11	VV12955642350		1 GROOVED PULLEY V, 96
12	VV12961242330		1 V-BELT A37.5
13	VV12126744741		1 FAN Cooling D=360
14	VV12903044760		1 SPACER Fan L38.5
15	VV26106060502		4 BOLT (STEP) M6 x 50mm M6X50 Plated
16	VV12915549801		1 THERMOSTAT 71
17	VV12915049811		1 GASKET Thermostat
18	VV12935049530-1		1 COVER Thermostat
19	VV12979549551		1 GASKET
20	VV26106080222		2 BOLT M8 x 22mm M8X22 Plated
21	VV17105649120		1 PLUG Drain
22	VV12145042450		1 PLUG M16 M16
23	VV12992744900		1 SENSOR (Used for Engine Temperature)
24	VV12446544950		1 GASKET Gasket, 16
25	VV22190120002		1 SEAL Washer, 12
26	VV12146844520		1 TANK Assy, Sub, Incl 27 - 30
27	VV12145044531		1 CAP
28	VV12445044560		1 CLAMP Retainer

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RADIATOR INSTAL - AIR CONDITIONER

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
1	PX05P00027F1		1 RADIATOR Assy
2	PX05P01042F1		1 BRACKET Assy, Incl 3 - 5
3	PX05P01132P1		1 PLATE
4	PX05P01133P1		1 INSULATION
5	PX05P01131P1		1 INSULATION
6	PX05P01199F1		1 BRACKET Assy, Incl 7, 8
7	PX05P01200P1		1 BRACKET
8	PX05P01201P1		2 INSULATION
9	ZM73C12030		5 BOLT M12x30mm - Course Thread Sems
10	ZM73C12025		1 BOLT M12x25mm - Course Thread Sems
11	ZM73C10030		2 BOLT M10x30mm - Course Thread Sems

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RADIATOR INSTAL - AIR CONDITIONER LESS

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
1	PX05P01042F1		1 BRACKET Assy, Incl 2 - 4
2	PX05P01132P1		1 PLATE
3	PX05P01133P1		1 INSULATION
4	PX05P01131P1		1 INSULATION
5	PX05P01199F1		1 BRACKET Assy, Incl 6, 7
6	PX05P01200P1		1 BRACKET
7	PX05P01201P1		2 INSULATION
8	ZM73C12030		5 BOLT M12x30mm - Course Thread Sems
9	ZM73C12025		1 BOLT M12x25mm - Course Thread Sems
10	ZM73C10030		2 BOLT M10x30mm - Course Thread Sems
11	PX05P00027F2		1 RADIATOR Assy

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35.000.00	04	SECTION INDEX - HYDRAULIC SYSTEMS
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35.106.AD	03	PUMP, ASSY, HYDRAULIC
35.106.AN		PTO ASSY
35.204.BJ	01	CONTROL, LINES, REMOTE
35.204.BJ	02	CONTROL, LINES, REMOTE
35.204.BJ	03	CONTROL, LINES, REMOTE
35.204.BJ	04	CLAMP, ASSY
35.300.AQ	01	TANK INSTAL, HYD
35.300.AQ	02	TANK, ASSY, HYD
35.310.AG	01	HYD. LINE, PUMP
35.310.AG	02	HYD. LINE, PUMP
35.310.AG	03	HYD. LINE, RETURN
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35.310.AG	05	HYD. LINE, RETURN
35.310.AJ	01	HYD. LINE, UPPER
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35.310.AJ	03	HYD. LINE, UPPER
35.310.AJ	04	VALVE, SELECTOR
35.352.AL	01	MOTOR INSTAL, SWING
35.352.AL	02	MOTOR, ASSY, SWING
35.352.AL	03	MOTOR, ASSY, SWING
35.353.AE	01	HYD. LINE, LOWER, NARROW CRAWLER
35.353.AE	02	HYD. LINE, PROPEL
35.354.AA	01	JOINT INSTAL, SWIVEL
35.354.AA	02	JOINT, SWIVEL
35.354.AF	01	HYD. LINE, SWIVEL
35.354.AF	02	HYD. LINE, SWIVEL
35.355.AH	01	VALVE INSTAL

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SECTION INDEX - HYDRAULIC SYSTEMS

REF FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
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PUMP, ASSY, HYDRAULIC

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
1	PB10V00004F1		1 HYDRAULIC PUMP Gear, Incl 1 - 16
2	NSS		1 NOT SERVICED SEPARATELY Cover, Incl in 1
3	NSS		1 NOT SERVICED SEPARATELY Body, Incl in 1
4	NSS		1 NOT SERVICED SEPARATELY Gear, Incl in 1
5	NSS		1 NOT SERVICED SEPARATELY Gear, Incl in 1
6	NSS		1 NOT SERVICED SEPARATELY Body, Incl in 1
7	NSS		1 NOT SERVICED SEPARATELY Gear, Incl in 1
8	NSS		1 NOT SERVICED SEPARATELY Gear, Incl in 1
9	NSS		4 NOT SERVICED SEPARATELY Plate, Incl in 1
10	NSS		4 NOT SERVICED SEPARATELY Bushing, Incl in 1
11	NSS		4 NOT SERVICED SEPARATELY Gasket, Incl in 1, 17
12	NSS		2 NOT SERVICED SEPARATELY Gasket, Incl in 1, 17
13	NSS		4 NOT SERVICED SEPARATELY Ball, Incl in 1
14	NSS		4 NOT SERVICED SEPARATELY Washer, Incl in 1
15	ZS23C12075		4 SCREW Hex Socket Head, M12 x 75mm Cap
16	NSS		1 NOT SERVICED SEPARATELY O-Ring, Incl in 1, 17
17	PB10V00004R100		1 REPAIR KIT Incl 16 (Qty 1), 12 (Qty 2), 11 (Qty 4)

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PTO ASSY

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
1	PW30P01007F1		1 COUPLING Assy, Incl 2 - 5
2	PW30P01002S001		1 COUPLING
3	PW30P01002S002		1 HUB
4	PW30P01002S003		3 CAPSCREW Hex Socket Head, M12 x 40mm
5	PY30P01003S004		3 CAPSCREW Hex Socket Head, M12 x 35mm
6	PX30P01003P1		1 BRACKET
7	ZS18C10025		8 SCREW Hex, M10 x 25mm Cap
8	PV17M01003D4		2 SCREW Cap
9	ZW16K12000		2 WASHER

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TANK INSTAL, HYD

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
1	ZM73C12040		4 BOLT M12x40mm - Course Thread Sems
2	PX33H01031P1		1 INSULATION
3	PH21C01136DK		1 RUBBER WEATHERSTRIP

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HYD. LINE, RETURN

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
1	HX22L06125DX		1 HOSE ASSY.
2	HX22L08100DX		1 HOSE 12.7mm ID x 1000mm L
3	HX24L04026DX		1 HOSE ASSY.
4	HX24L04088DX		1 HOSE ASSY.
5	HX24L06165DX		1 HOSE
6	PW32H01026D8		1 HOSE
7	PW32H01026DU		1 HOSE
8	PW32H01026DW		1 HOSE
9	PW32H01026DV		1 HOSE
10	PW21V00003F1		1 VALVE Assy
11	HH25R04004G3		1 CONNECTION
12	HH25R06006G1		1 HYD CONNECTOR
13	HH25R08008G3		1 COUPLING Connector
14	HH25R08008GB		1 HYD CONNECTOR
15	HH25R16008G1		1 HYD CONNECTOR
16	HH25S04004G1		1 HYD CONNECTOR
17	HH25S06006G1		1 HYD CONNECTOR
18	YJ32H01036P1		2 HYD CONNECTOR
19	2444Z3714		1 HYD CONNECTOR
20	HH35S04004G1		2 90 ELBOW
21	HH35S06006G1		1 90 ELBOW 90°, 3/8" PF x 3/8" PF x 60mm L
22	HH45S06004G1		1 ELBOW
23	HH45S08006G1		1 45 ELBOW
24	PX32H01007P1		1 ELBOW
25	YJ32H01031P1		1 ELBOW
26	YJ32H01035P1		5 90 ELBOW
27	YT42H01128P1		1 ELBOW
28	2444Z2894		1 90 ELBOW

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HYD. LINE, UPPER

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
1	LE03H01338DH		1 HOSE
2	LE03H01338DW		1 HOSE
3	LE03H01338DT		1 HOSE
4	LE03H01338DU		1 HOSE
5	LE03H01339DV		1 HOSE
6	LE03H01339DR		1 HOSE
7	LE03H01339DD		1 HOSE
8	LE03H01339DE		1 HOSE
9	HH35S06006G1		1 90 ELBOW 90°, 3/8" PF x 3/8" PF x 60mm L

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MOTOR, ASSY, SWING

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
19	NSS		2 NOT SERVICED SEPARATELY Collar, Incl in 1, 54
20	PY15V00014S120		4 RING
21	NSS		1 NOT SERVICED SEPARATELY Bearing, Incl in 1, 54
22	NSS		1 NOT SERVICED SEPARATELY Bearing, Incl in 1, 54
23	NSS		1 NOT SERVICED SEPARATELY Oil Seal, Incl in 1, 54
24	ZS23C08025		18 SCREW Hex Socket Head, M8 x 25mm Cap
25	NSS		2 NOT SERVICED SEPARATELY Pin, Incl in 1, 54
26	PY15V00012S136		1 RING
27	NSS		4 NOT SERVICED SEPARATELY Ring, Incl in 1, 55
28	NSS		3 NOT SERVICED SEPARATELY Ring, Incl in 1, 56
29	NSS		1 NOT SERVICED SEPARATELY Body, Incl in 1, 57
30	NSS		1 NOT SERVICED SEPARATELY Plate, Incl in 1
31	NSS		1 NOT SERVICED SEPARATELY Shaft, Incl in 1
32	NSS		1 NOT SERVICED SEPARATELY Block Cylinder, Incl in 1, 58
33	NSS		1 NOT SERVICED SEPARATELY Valve, Plate, Incl in 1, 58
34	NSS		9 NOT SERVICED SEPARATELY Piston, Incl in 1, 58
35	NSS		9 NOT SERVICED SEPARATELY Shoe, Incl in 1, 58
36	NSS		1 NOT SERVICED SEPARATELY Retainer, Shoe, Incl in 1, 58
37	NSS		1 NOT SERVICED SEPARATELY Barrel Holder, Incl in 1, 58

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HYD. LINE, LOWER, NARROW CRAWLER

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
1	HX23L04092DX		2 HOSE
2	HX23L04100DX		2 HOSE ASSY.
3	HX25L08094DY		4 HOSE
4	PS02H01001D3		1 HOSE
5	PS02H01001D4		1 HOSE
6	PY02B01168P1		4 GROMMET
7	PY01P01043D8		4 CABLE TIE 102mm L Clip

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HYD. LINE, SWIVEL

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
1	HH35S08006G1		4 90 ELBOW
2	HH35S04004G1		2 90 ELBOW
3	HH45S04004G1		2 45 ELBOW
4	HH35S06006G1		2 90 ELBOW 90°, 3/8" PF x 3/8" PF x 60mm L

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PILOT VALVE

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
21	NSS		1 NOT SERVICED SEPARATELY Setscrew, Incl in 1, 23
22	NSS		1 NOT SERVICED SEPARATELY Boot, Incl in 1
23	PB30V00002R100		1 REPAIR KIT Incl 17 (Qty 1), 19 (Qty 1), 20 (Qty 1), 21 (Qty 2)

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CONTROL, LINES, PROPEL

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
1	HX23L03052DX		1 HOSE
2	HX23L03060DX		1 HOSE
3	HX23L03076DX		1 HOSE
4	HX23L03088DX		1 HOSE
5	HX24L04060DX		1 HOSE
6	HX24L04066DX		1 FLEXIBLE HOSE
7	HH25S04004G1		3 HYD CONNECTOR
8	HH35S04004G2		1 ELBOW
9	PW03H01138P1		1 ELBOW
10	PY01P01043D5		4 CABLE TIE 301mm L Clip
11	HH45S04004G1		1 45 ELBOW

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VALVE, INSTAL - NIBBLER & BREAKER

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
1	PW30V00050F1		1 CONTROL VALVE Assy
2	PX64H01012P1		1 BRACKET
3	ZM73C10025		3 BOLT M10x25mm - Course Thread Sems
4	ZM73C10035		4 BOLT M10x35mm - Course Thread Sems

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VALVE, ASSY, CONTROL

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
27	PX30V00086S020		1 ORIFICE
28	PX30V00050S019		1 FILTER
29	PX30V00050S012		1 PLUG
30	PX30V00050S013		1 O-RING
31	PR22V00005F1		1 PRESSURE RELIEF VALVE Incl 24, 32 - 35
32	ZD12P01500		1 O-RING
33	2436R612S13		1 O-RING
34	PH22V00003S013		2 O-RING
35	PH22V00003S014		2 BACK-UP RING
36	PX30V00086R100		1 REPAIR KIT Incl 3 - 9

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VALVE, ASSY, CONTROL

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
1	PX30V00091F1		1 CONTROL VALVE Incl 2 - 8
2	PX30V00091S001		1 BODY
3	PX22V00004F1		2 VALVE Relief, Incl 4 - 8
4	ZD12P01500		1 O-RING
5	2436R612S13		1 O-RING
6	PH22V00003S013		2 O-RING
7	PH22V00003S014		2 BACK-UP RING
8	ZD12P01400		1 O-RING

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CONTROL, LINES, MAIN

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
1	HX23L03020DX		1 HOSE ASSY.

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CONTROL, LINES, VALVE

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
1	LE35V00003F1		1 SOLENOID VALVE Assy, (Use for Lever Lock, 2-speed Select)
2	2445R373F1		1 ACCUMULATOR
3	YN50V00020F1		1 HYDRAULIC OIL FILTER Inline
4	2444Z3326		1 HYD CONNECTOR
5	2444Z2894		1 90 ELBOW
6	HH35S06006G1		1 90 ELBOW 90°, 3/8" PF x 3/8" PF x 60mm L
7	YT42H01128P1		1 ELBOW
8	PW64H01007P1		1 TEE
9	ZE72X04000		1 PLUG
10	PX64H01020P1		1 BRACKET
11	ZM73C10020		2 BOLT M10x20mm - Course Thread Sems
12	ZM73C08035		2 BOLT M8x35mm - Course Thread Sems
13	HH45S04006G1		1 ELBOW

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CONTROL, LINES, VALVE

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
1	HX23L03036DX		1 HOSE
2	HH35S04004G1		1 90 ELBOW
3	HH45S04004G1		2 45 ELBOW
4	2444Z4239		1 TEE
5	PY01P01043D3		1 CABLE TIE 188mm L Clip

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CONTROL, LINES, VALVE

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
1	ZE72X06000		1 PLUG

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CONTROL, LINES, VALVE

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
1	LE35V00003F1		1 SOLENOID VALVE Assy, (Use for Lever Lock, 2-speed Select)
2	2445R373F1		1 ACCUMULATOR
3	YN50V00020F1		1 HYDRAULIC OIL FILTER Inline
4	2444Z3326		1 HYD CONNECTOR
5	2444Z2894		1 90 ELBOW
6	HH35S06006G1		1 90 ELBOW 90°, 3/8" PF x 3/8" PF x 60mm L
7	YT42H01128P1		1 ELBOW
8	PW64H01007P1		1 TEE
9	ZE72X04000		1 PLUG
10	PX64H01020P1		1 BRACKET
11	ZM73C10020		2 BOLT M10x20mm - Course Thread Sems
12	ZM73C08035		2 BOLT M8x35mm - Course Thread Sems
13	HH45S04006G1		1 ELBOW

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CONTROL, LINES, VALVE

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
1	HX23L03115DX		1 HOSE ASSY.
2	HH35S04004G1		1 90 ELBOW

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LEVER, ASSY, CONTROL

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
1	PX50M01016P1		1 LEVER
2	PX50M01014P1		1 LEVER
3	YN03M01040P1		1 GRIP
4	YN03M01286F1		1 GRIP Assy, Incl 5 - 7
5	YN03M01286S001		1 GRIP
6	YN03M01286S002		1 SWITCH (Used for 2-speed Select)
7	YN03M01286S003		1 CAP
8	2420Z1232		2 NUT
9	ZS28C08016		4 SCREW Hex Socket Head, M8 x 16mm Cap
10	ZW16H08000		4 WASHER
11	PX55M01017P1		1 PEDAL
12	PX55M01018P1		1 PEDAL
13	ZM73C10025		2 BOLT M10x25mm - Course Thread Sems
14	PX50M01012P1		2 SHEET
15	PX50M01013P1		2 SHEET

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CONTROL, LINES, BLOCK

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
1	PS64H01003P1		2 BLOCK
2	HH25S04004G1		1 HYD CONNECTOR
3	HH35S04004G1		2 90 ELBOW
4	HH45S04004G1		1 45 ELBOW
5	HH35S06004G1		1 ELBOW
6	PW03H01138P1		1 ELBOW
7	PX64H01028P1		1 BRACKET
8	ZM73C10025		2 BOLT M10x25mm - Course Thread Sems
9	ZS18C08070		2 SCREW Hex, M8 x 70mm Cap
10	ZW16H08000		2 WASHER

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CYLINDER, BOOM

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
1	PW01V00074F1		1 HYDRAULIC CYLINDER Boom, Incl 2 - 24
2	NSS		1 NOT SERVICED SEPARATELY Tube Assy, Incl in 1, 25
3	PX01V00043S002		2 BUSHING
4	NSS		1 NOT SERVICED SEPARATELY Rod, Piston, Not shown, Incl in 1, 26
5	PW01V00068S004		1 CYLINDER END CAP Head
6	PV01V00047S019		1 BUSHING
7	2438U635S3		1 RING
8	PH01V00006S006		1 RING
9	ZD12G07500		2 O-RING 74.40mm ID x 80.60mm OD x 3.10mm
10	PH01V00015S008		1 BACK-UP RING
11	ZD12G08000		1 O-RING 79.40mm ID x 85.60mm OD x 3.10mm
12	PX01V00045S011		1 HOLDER
13	PH01V00015S024		1 CAP Spacer
14	PH01V00015S011		1 SEAL
15	PW01V00074S014		1 COLLAR
16	PW01V00014S008		1 BACK-UP RING
17	PX01V00045S017		1 PISTON
18	2438U852S15		1 RING Seal, Piston
19	PW01V00068S018		2 RING
20	2438U1057S16		1 SET SCREW
21	2436U946S11		1 BALL
22	PW01V00074S021		1 RING
23	PR01V00002S027		4 SEAL Dust
24	PR01V00027S023		2 HYD CONNECTOR Nipple, Grease
25	PW01V00074R100		1 REPAIR KIT Incl 2 (Qty 1), 3 (Qty 1), 23 (Qty 2)
26	PW01V00074R200		1 REPAIR KIT Incl 3 (Qty 1), 4 (Qty 1), 23 (Qty 2)

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HYD. LINE, BOOM

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
1	PS42H01028P1		1 BRACKET
2	PS42H01029P1		1 BRACKET
3	PV42H01133P2		8 CLAMP
4	PV42H01134P1		8 CLAMP
5	PV42H01137P1		8 SPACER

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HYD. LINE, CYLINDER, ARM

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
1	PX42H01264D8		1 HOSE
2	LE42H01166DE		1 HOSE
3	HH25S06006G1		1 HYD CONNECTOR
4	HH35S08006G1		1 90 ELBOW
5	ZC46X22011		1 CLIP
6	ZM73C10020		1 BOLT M10x20mm - Course Thread Sems
7	PY01P01043D8		1 CABLE TIE 102mm L Clip

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CYLINDER INSTAL - SWING

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
1	PX02B01421P1		1 PIN
2	PX02B01403P1		1 PIN
3	PM02B01220P1		1 PLATE
4	ZM73C10020		2 BOLT M10x20mm - Course Thread Sems
5	ZM73C12030		1 BOLT M12x30mm - Course Thread Sems
6	2418T12345		1 WASHER
7	PR02B01108P1		2 SHIM 0.5mm Thk 0.5
8	PR02B01121D1		4 SHIM 47mm ID x 70mm OD x 0.9mm Thk
9	PX02B01415P1		2 SHIM 2.0
10	PX01V00072F1		1 HYDRAULIC CYLINDER Swing

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CYLINDER, DOZER

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
27	PX01V00073R300		1 REPAIR KIT Incl 7 - 11 (Qty 1), 13 (Qty 1), 14 (Qty 2)

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FRAME, ASSY, LOW - NARROW CRAWLER

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
1	PW02F00088P1		1 FRAME Low, Incl 2
2	PX07F01093P1		2 SUPPORT

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BRACKET INSTAL, SWING

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
1	PX02B01405P1		1 PIN
2	PX02B01384P1		1 PIN
3	PX02B01274P1		1 PLATE
4	PW02B01225P1		2 WASHER
5	PW02B01226P1		2 WASHER
6	PX02B01410P1		3 SHIM 0.5
7	2445R138D4		2 SEAL 65mm ID x 80mm OD x 4mm Thk Dust
8	ZM73C10025		2 BOLT M10x25mm - Course Thread Sems
9	HS18C12135G1		1 BOLT Capscrew
10	ZN18C12010		2 NUT

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COUNTERWEIGHT INSTAL

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
1	HS18C20090G1		3 BOLT Capscrew
2	HY26Y21050G4		3 WASHER
3	YT60C01006D1		2 SHIM 3.2mm Thk 3.2
4	YT60C01006D2		2 SHIM 20.mm Thk 2
5	YT60C01006D3		2 SHIM 1.0mm Thk 1
6	YT60C01007P1		2 PLUG
7	LE60C01028P1		2 PLATE
8	PX60C01017P1		1 RUBBER STRIP

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MOTOR, ASSY, PROPEL

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
1	PX15V00027F1		1 HYDRAULIC MOTOR Assy, Propel, Incl 2 - 68
2	NSS		1 NOT SERVICED SEPARATELY Body, Incl in 1, 69
3	PV15V00008S102		1 COVER
4	NSS		1 NOT SERVICED SEPARATELY Carrier, Incl in 1, 70
5	PV15V00026S106		4 GEAR
6	NSS		3 NOT SERVICED SEPARATELY Gear, Incl in 1, 70
7	NSS		1 NOT SERVICED SEPARATELY Gear, Incl in 1, 70
8	PV15V00026S109		1 GEAR
9	PV15V00008S110		4 RING
10	NSS		3 NOT SERVICED SEPARATELY Pin, Incl in 1, 70
11	PV15V00008S113		1 SNAP RING
12	PV15V00008S115		1 COLLAR
13	PV15V00026S116		1 RING
14	PV15V00026S117		2 VALVE SEAT
15	NSS		2 NOT SERVICED SEPARATELY O-Ring, Incl in 1
16	NSS		2 NOT SERVICED SEPARATELY Bearing, Incl in 1, 69
17	PV15V00008S120		92 NEEDLE BEARING
18	NSS		48 NOT SERVICED SEPARATELY Needle, Incl in 1, 70
19	NSS		6 NOT SERVICED SEPARATELY Washer, Thrust, Incl in 1, 70
20	NSS		1 NOT SERVICED SEPARATELY Ring, Snap, Incl in 1, 77
21	NSS		1 NOT SERVICED SEPARATELY Ring, Snap, Incl in 1, 69

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MOTOR, ASSY, PROPEL

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
19	NSS		2 NOT SERVICED SEPARATELY O-Ring, Incl in 1, 22
20	ZD12P02500		2 O-RING
21	NSS		2 NOT SERVICED SEPARATELY Choke, Incl in 1, 24
22	PV15V00026R420		1 REPAIR KIT Incl 4 (Qty 1), 7 (Qty 1), 8 (Qty 1), 9 (Qty 1), 10 (Qty 1), 13 (Qty 1), 5 (Qty 2), 6 (Qty 2), 11 (Qty 2), 12 (Qty 2), 14 (Qty 2), 15 (Qty 2), 16 (Qty 2), 17 (Qty 2), 19 (Qty 2), 20 (Qty 2), 21 (Qty 2), 18 (Qty 9)
23	PV15V00026R460		1 REPAIR KIT Incl 3 (Qty 1)
24	PV15V00026R470		1 REPAIR KIT Incl 20

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CAB CLIMATE CONTROL

50.000.00		SECTION INDEX - CAB CLIMATE CONTROL
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AIR CONDITIONER

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
29	PS20T01053P1		1 PLATE
30	PX20M01084P1		2 COVER Insulation

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ELECTRICAL SYSTEMS

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55.015.AA	02	ACCESSORIES
55.050.AH		HARNESS, ASSY, AIR CONDITIONER
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55.201.AH		KEY, ASSY
55.301.AA		ALTERNATOR ASSY
55.302.AG		BATTERY INSTAL
55.404.AL		LIGHT, ASSY - CANOPY
55.408.CA		MONITOR INSTAL
55.408.CA	01	MONITOR - LIQUID CRYSTAL
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55.511.AA	02	LIGHT, INSTAL, BOOM
55.512.AA		RADIO, INSTAL - RADIO LESS
55.512.AA	02	RADIO INSTAL - CAB
55.514.AB		LIGHT INSTAL - CAB

HARNESS, ASSY, AIR CONDITIONER

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
1	PX11E01048P1		1 WIRE HARNESS A/C
2	PX11E01049P2		1 WIRE HARNESS A/C
3	YN13E01375P1		2 CLIP M8 x 8.20mm Shank
4	PY01P01043D3		17 CABLE TIE 188mm L Clip
5	YT11E01043P1		1 SPRING Clip

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HARNES, ASSY, UPP - FLOOR

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
1	ZM73C08016		11 BOLT M8x16mm - Course Thread Sems
2	ZM73C06016		4 BOLT M6x16mm - Course Thread Sems
3	ZM61C05012		1 BOLT Sems
4	YN13E01375P1		6 CLIP M8 x 8.20mm Shank
5	PY01P01043D3		26 CABLE TIE 188mm L Clip
6	PX13E01059P1		1 BRACKET
7	PX13E01127P1		1 BRACKET
8	PX13E01115P2		1 BRACKET
9	PX13E01125P1		1 BRACKET
10	PX13E01061P1		1 PLATE
11	PX13E01063P1		1 RUBBER STRIP
12	PE21C01070DG		1 TRIM
13	PM22C01020D3		1 SEAL PROTECTION Trim
14	2427P1836D7		1 WEATHERSTRIP
15	PY01P01043D5		1 CABLE TIE 301mm L Clip
16	ZN18C08007		1 NUT
17	ZW26X08000		1 LOCK WASHER
18	ZM73C06020		1 BOLT M6x20mm - Course Thread Sems
19	ZM73C08025		2 BOLT M8x25mm - Course Thread Sems
20	ZM73C10016		2 BOLT M10x16mm - Course Thread Sems
21	YN03E01001D5		2 CLIP
22	ZM61C06012		3 BOLT Sems
23	WA03E01029P1		2 BRACKET

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KEY, ASSY

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
1	PW50E00003F1		1 IGNITION SWITCH Assy, Incl 2 - 8
2	PW50S00007F1		1 IGNITION SWITCH Key, Incl 3 - 7
3	PW50S00005S001		1 SWITCH
4	PW50S00004S004		1 NUT Assy
5	YN50S00002S005		1 WASHER
6	YN50S00002S003		2 WASHER
7	PM50S01001P1		1 IGNITION KEY
8	PW50E01002P1		1 HARNESS

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MONITOR - LIQUID CRYSTAL

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
1	PS55E01003P1		1 COVER
1	PS50S00002F1		1 ROCKER SWITCH (Used for DPF Manual Regeneration)
3	PW17M01021P1		1 CAP
4	ZM61C06016		4 BOLT
5	ZS32T40016		4 SCREW
6	ZW16K04000		4 WASHER
7	PS55E01023P2		1 BRACKET
8	PS55E01026P1		1 COVER
9	ZM73C08016		2 BOLT M8x16mm - Course Thread
10	PS59S00001F1		1 GAUGE Cluster (Liquid Crystal Monitor)

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RADIO INSTAL - CAB

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
1	YN54S00046P2		1 RADIO
2	ZM66C05012		4 BOLT Sems
3	YN54S00050P2		2 SPEAKER
4	PX54E01003P1		2 PLATE

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84.912.AA	01	ARM, 1.32M
84.912.AA	02	CAP, ASSY, ARM
84.912.AB	01	ARM, GROUP
84.912.AB	02	ARM INSTAL

BUCKET INSTAL

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
1	PX61B01091P1		2 PIN 10mm OD x 58mm L
2	PX61B01032P1		2 RING
3	PW61B01074P1		4 O-RING 69.22mm ID x 6.99mm Width

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CAP, ASSY, ARM

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
1	PX64H01010D1		4 CAP

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DOZER BLADE, ASSY, NARROW CRAWLER

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
1	PW51B00108F1		1 DOZER Assy, W=1550
2	PW51B01039P1		2 BUSHING 40mm ID x 50mm OD x 50mm L
3	PW51B01207P1		1 CUTTING EDGE

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TOOL, ASSY

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
1	LC20T01001P1		1 LABEL
2	PM01T00003FA		1 TOOL Assy, Incl 3, 4
3	PW01T01005P1		1 CASE
4	YJ23H00001P1		1 OPEN END WRENCH

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NAMEPLATE INSTAL - AIR CONDITIONER LESS

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
1	YT02C01567D5		1 PLATE

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GUARD INSTAL, FRAME, UPPER

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
1	PX21C01011F1		1 COVER ASSY
2	PX21C01363F1		1 PANEL Assy, Incl 3 - 6
3	PX21C01364P1		1 PANEL
4	2427P1836D32		1 WEATHERSTRIP
5	YX21C01193D4		1 WEATHERSTRIP
6	PE21C01135DB		1 TRIM
7	PX21C01015F1		1 PANEL Assy, Incl 8 - 18
8	PX21C01423P1		1 PANEL Incl 9, 10
9	PM21C01221P1		1 LOCK
10	PS21C01021P1		2 HINGE
11	PX21C01037P1		1 INSULATION
12	PX21C01038P1		1 INSULATION
13	PX21C01128P1		1 INSULATION
14	YJ21C01304D2		1 WEATHERSTRIP
15	LQ21C02685D2		2 TRIM
16	PF22C01013D8		1 TRIM
17	PM21C01255P2		1 GROMMET
18	YA21C01019DD		1 TRIM
19	PX21C01266P1		1 STRIKER
20	2418T21137		2 WASHER
21	PX21C01112P1		2 COLLAR
22	ZN46C10018		2 NUT
23	ZM73C10020		6 BOLT M10x20mm - Course Thread Sems

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GUARD INSTAL

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
1	PX21C01362F1		1 PANEL Assy, Incl 2 - 22
2	PX21C01392P2		1 PANEL
3	PX21C01258P1		1 INSULATION
4	PX21C01351P1		1 INSULATION
5	PX21C01394P1		1 INSULATION
6	PS21C01052P1		1 INSULATION
7	PM21C01091D2		1 WEATHERSTRIP
8	PF22C01013D9		1 TRIM
9	2427P1836D43		1 WEATHERSTRIP
10	PE21C01135DN		1 TRIM
11	YT21C01034P2		1 CATCH
12	PS21C01344P1		1 PLATE
13	YR22C01025P2		1 LOCK
14	ZM73C06016		2 BOLT M6x16mm - Course Thread Sems
15	PX21C01442P1		1 PLATE
16	LS21C01093DW		1 TRIM
17	PW21C01413P1		2 CAPSCREW
18	HY25X10027G1		2 WASHER 10mm ID x 27mm OD x 3.2mm Thk
19	ZW26X08000		2 LOCK WASHER
20	ZN18C08007		2 NUT
21	PX21C01186P1		1 PLATE
22	PX21C01414P1		1 INSULATION

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GUARD INSTAL

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
1	PX21C01115F1		1 SUPPORT Assy, Incl 2 - 11
2	PX21C01429P1		1 SUPPORT
3	PX21C01452P1		1 RUBBER STRIP
4	PX21C01381P1		1 RUBBER STRIP
5	PX21C01451P1		1 RUBBER STRIP
6	PX21C01245P1		1 RUBBER STRIP
7	PX21C01328P1		1 RUBBER STRIP
8	PX21C01436P1		1 RUBBER STRIP
9	YN21C01710D6		1 INSULATING PANEL Strip, Weather
10	PX21C01304P1		1 RUBBER STRIP
11	PX21C01330P1		1 RUBBER STRIP

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GUARD INSTAL, RADIATOR

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
1	PX21C01253F1		1 GUARD Assy, Incl 2 - 5
2	PX21C01417P1		1 PLATE
3	PX21C01427P1		1 RUBBER STRIP
4	YR21C01168D1		1 WEATHERSTRIP
5	PX21C01418P1		1 INSULATION

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STAND, ASSY

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
1	PX10M01257P3		1 STAND

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COVER ASSY, STAND

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
1	PX03M01250F1		1 COVER ASSY Inside Stand, Incl 2 - 6
2	PX03M01263P1		1 COVER
3	PX10M01160P1		1 INSULATION
4	PX03M01211P1		1 INSULATION
5	PX10M01243P1		1 INSULATION
6	PX10M01244P1		1 INSULATION

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SUPPORT, ASSY

REF FN	PART NUMBER	YR/SN	QTY DESCRIPTION
1	PA03M01461P1		2 SUPPORT
2	PS03M01264P1		1 SUPPORT
3	PS03M01265P1		1 SUPPORT
4	ZM73C08016		6 BOLT M8x16mm - Course Thread Sems

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Number	Figure	Sequence	Ref.	Number	Figure	Sequence	Ref.
HH55L04004	35.310.AG	03	30	HX23L03135	35.204.BJ	01	2
HH55L04004	35.359.AE	02	8	HX23L03135	35.204.BJ	01	3
HH55L04004	35.359.AE	08	13	HX23L03135	35.204.BJ	01	4
HH55Q04004	35.310.AG	03	31	HX23L03135	35.204.BJ	01	1
HH55Q04004	35.359.AE	02	7	HX23L03135	35.204.BJ	03	3
HH55Q08008	35.310.AG	03	32	HX23L03140	35.204.BJ	02	7
HH55Q08008	35.310.AG	02	11	HX23L03140	35.204.BJ	02	8
HS18C10080	35.738.AA	01	2	HX23L03140	35.204.BJ	02	1
HS18C10085	35.736.AA	01	4	HX23L03160	35.204.BJ	02	2
HS18C10085	35.737.AA	02	2	HX23L03180	35.359.AE	08	5
HS18C10085	84.912.AB	02	4	HX23L03185	35.204.BJ	02	5
HS18C12135	39.100.BD	02	9	HX23L03185	35.204.BJ	02	6
HS18C20090	39.140.AM	03	1	HX23L04092	35.353.AE	01	1
HS18F14030	48.138.AB	01	11	HX23L04100	35.353.AE	01	2
HS58C12065	39.101.AC		6	HX24L04026	35.310.AG	03	3
HX11Y04068	10.216.BA	02	11	HX24L04030	35.359.AE	19	4
HX22L04120	35.310.AG	04	1	HX24L04038	35.359.AE	19	5
HX22L06125	35.310.AG	03	1	HX24L04044	35.359.AE	13	4
HX22L08100	35.310.AG	03	2	HX24L04060	35.357.AO	01	5
HX23L03020	35.359.AE	01	1	HX24L04066	35.357.AO	01	6
HX23L03020	35.359.AE	02	1	HX24L04070	35.359.AE	13	2
HX23L03032	35.359.AE	05	1	HX24L04088	35.310.AG	03	4
HX23L03036	35.359.AE	11	1	HX24L04110	35.204.BJ	02	9
HX23L03036	35.359.AE	24	1	HX24L04160	35.204.BJ	01	5
HX23L03038	35.359.AE	12	1	HX24L04160	35.204.BJ	03	4
HX23L03038	35.359.AE	25	1	HX24L06165	35.310.AG	03	5
HX23L03040	35.359.AE	19	2	HX24L06175	35.359.AE	08	6
HX23L03048	35.359.AE	05	2	HX24L06180	35.359.AE	08	7
HX23L03050	35.359.AE	08	3	HX24L06180	35.359.AE	09	2
HX23L03052	35.357.AO	01	1	HX25L08094	35.353.AE	01	3
HX23L03056	35.204.BJ	03	1	HX34L04028	35.359.AE	08	2
HX23L03060	35.357.AO	01	2	HX34L04028	35.359.AE	09	1
HX23L03064	35.359.AE	19	3	HX34L04052	35.359.AE	13	3
HX23L03068	35.204.BJ	02	4	HX81X13012	10.216.BA	01	13
HX23L03068	35.359.AE	05	4	HX81X13016	10.216.BA	02	9
HX23L03068	35.359.AE	17	1	HX81X13026	10.216.BA	01	6
HX23L03070	35.359.AE	29	1	HX81X13030	10.400.BE	01	5
HX23L03072	35.204.BJ	02	3	HX81X13030	10.400.BE	02	5
HX23L03074	35.359.AE	05	3	HX81X13034	10.216.BA	02	8
HX23L03076	35.357.AO	01	3	HX81X13044	10.216.BA	01	7
HX23L03088	35.357.AO	01	4	HX81X13060	10.400.BE	01	6
HX23L03098	35.359.AE	03	1	HX81X13060	10.400.BE	02	6
HX23L03115	35.204.BJ	03	2	HX81X13100	10.216.BA	02	10
HX23L03115	35.359.AE	15	1	HX81X13210	10.216.BA	01	5
HX23L03115	35.359.AE	26	1	HX81X13210	10.216.BA	02	7
HX23L03120	35.359.AE	08	4	HY25X10027	90.116.AX	05	18

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Number	Figure	Sequence	Ref.	Number	Figure	Sequence	Ref.
PU64D01004	48.138.AB	02	4	PV20T01080	90.114.BG	01	23
PU64H01002	35.354.AF	01	1	PV20T01080	90.150.AO		9
PU64H01002	35.525.AH	03	1	PV20T01082	90.114.BG	01	24
PV01P01007	50.200.BY	01	28	PV20T01082	90.150.AO		10
PV01V00047	35.736.AA	02	6	PV24E01001	05.100.02		
PV01V00047	35.737.AA	03	6	PV24E01001	90.151.AN	09	3
PV01V00047	35.739.AA	02	6	PV42H01110	35.736.AC	01	5
PV01V00047	35.741.AA	02	6	PV42H01112	35.736.AC	01	8
PV01V00072	35.737.AA	03	5	PV42H01133	35.525.AA		4
PV02B01319	84.114.AD	01	2	PV42H01133	35.736.AC	04	3
PV02B01329	84.114.AD	01	3	PV42H01134	35.525.AA		5
PV03H01004	35.739.AE		3	PV42H01134	35.736.AC	04	4
PV10V00001	35.106.AD	01	13	PV42H01137	35.525.AA		6
PV10V00001	35.106.AD	03	13	PV42H01137	35.736.AC	01	9
PV10V00001	35.106.AD	01	19	PV42H01137	35.736.AC	04	5
PV10V00001	35.106.AD	03	19	PV42H01186	35.736.AC	01	6
PV15V00008	48.120.AQ	02	3	PV51D01003	05.100.02		
PV15V00008	48.120.AQ	02	9	PV51D01003	48.120.AQ	01	1
PV15V00008	48.120.AQ	02	11	PV52D01007	48.134.AA	01	11
PV15V00008	48.120.AQ	02	12	PV52D01007	48.134.AA	02	11
PV15V00008	48.120.AQ	02	17	PV52D01007	48.138.AB	02	9
PV15V00008	48.120.AQ	02	31	PW01T01005	88.100.AG		3
PV15V00008	48.120.AQ	02	32	PW01V00014	35.736.AA	02	16
PV15V00026	48.120.AQ	02	70	PW01V00043	35.741.AA	02	21
PV15V00026	48.120.AQ	02	71	PW01V00046	35.738.AA	02	10
PV15V00026	48.120.AQ	03	22	PW01V00062	35.737.AA	03	26
PV15V00026	48.120.AQ	02	72	PW01V00068	35.736.AA	02	5
PV15V00026	48.120.AQ	02	73	PW01V00068	35.739.AA	02	5
PV15V00026	48.120.AQ	02	74	PW01V00068	35.736.AA	02	19
PV15V00026	48.120.AQ	02	75	PW01V00068	35.739.AA	02	14
PV15V00026	48.120.AQ	03	23	PW01V00070	35.737.AA	03	14
PV15V00026	48.120.AQ	02	76	PW01V00074	35.736.AA	01	9
PV15V00026	48.120.AQ	03	24	PW01V00074	35.736.AA	02	1
PV15V00026	48.120.AQ	02	77	PW01V00074	35.736.AA	02	25
PV15V00026	48.120.AQ	02	5	PW01V00074	35.736.AA	02	26
PV15V00026	48.120.AQ	02	8	PW01V00074	35.736.AA	02	15
PV15V00026	48.120.AQ	02	13	PW01V00074	35.736.AA	02	22
PV15V00026	48.120.AQ	02	14	PW01V00075	35.737.AA	02	6
PV15V00026	48.120.AQ	02	25	PW01V00075	35.737.AA	03	1
PV15V00026	48.120.AQ	02	26	PW01V00075	35.737.AA	03	24
PV15V00026	48.120.AQ	02	30	PW01V00075	35.737.AA	03	25
PV15V00026	48.120.AQ	02	56	PW02B00193	84.910.AA		1
PV15V00026	48.120.AQ	02	58	PW02B01225	39.100.BD	02	4
PV15V01160	48.120.AQ	02	57	PW02B01226	39.100.BD	02	5
PV17M01003	35.106.AN		8	PW02B01409	84.114.AD	01	6
PV17M01004	48.120.AQ	01	3	PW02F00088	39.100.AB		1

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Number	Figure	Sequence	Ref.	Number	Figure	Sequence	Ref.
PX64D01022	48.138.AB	01	5	PY01P01043	50.200.BY	01	29
PX64H01010	84.912.AA	02	1	PY01P01043	55.050.AH		4
PX64H01012	35.359.AB	02	2	PY01P01043	55.100.DP	01	9
PX64H01017	35.600.BI	01	4	PY01P01043	55.100.DP	03	15
PX64H01020	35.359.AE	06	10	PY01P01043	55.100.DP	04	5
PX64H01020	35.359.AE	21	10	PY01P01043	55.100.DP	05	3
PX64H01028	35.525.AH	01	7	PY01P01043	55.100.DP	06	4
PX64H01028	35.525.AH	04	7	PY01P01043	55.404.AL		9
PX64H01030	35.359.AE	19	11	PY01P01043	55.511.AA	01	2
PX64H01033	35.359.AE	18	1	PY01P01043	35.204.BJ	01	10
PX64H01033	35.359.AE	28	1	PY01P01043	35.204.BJ	02	13
PX64H01037	35.359.AE	13	9	PY01P01043	35.204.BJ	03	5
PX64H01038	35.355.AH	01	9	PY01P01043	35.310.AG	03	38
PX64H01039	35.355.AH	03	7	PY01P01043	35.310.AJ	01	25
PX70V00007	48.134.AA	01	15	PY01P01043	35.310.AJ	03	14
PX70V00007	48.134.AA	02	15	PY01P01043	35.357.AO	01	10
PX72E01002	55.302.AG		4	PY01P01043	50.200.BY	01	30
PX72E01003	55.302.AG		2	PY01P01043	55.100.DP	01	19
PX72E01005	55.302.AG		1	PY01P01043	55.100.DP	04	15
PX73E00003	55.100.DP	03	2	PY01P01043	55.100.DP	05	7
PX73E00003	05.100.02			PY01P01043	55.404.AL		10
PX73E00003	55.100.DP	03	8	PY01P01043	55.514.AB		10
PX73E01003	55.100.DP	03	3	PY01P01043	35.204.BJ	01	11
PX80B01026	48.134.AA	01	23	PY01P01043	35.204.BJ	02	14
PX80B01026	48.134.AA	02	23	PY01P01043	35.310.AG	03	39
PX80E01002	55.511.AA	01	4	PY01P01043	35.310.AJ	01	26
PX80E01005	55.404.AL		6	PY01P01043	35.353.AE	01	7
PX80E01007	55.404.AL		7	PY01P01043	35.355.AH	01	10
PX80E01011	55.511.AA	02	6	PY01P01043	35.359.AE	08	18
PY01P01043	90.151.AN	10	16	PY01P01043	35.737.AE		7
PY01P01043	10.001.AK	01	11	PY01P01043	39.100.BD	01	10
PY01P01043	10.216.AI	01	19	PY01P01043	55.100.DP	05	4
PY01P01043	10.216.BA	01	11	PY01V00050	35.741.AA	02	14
PY01P01043	10.216.BA	02	18	PY01V00051	35.737.AA	03	12
PY01P01043	10.400.BE	01	10	PY01V00052	35.741.AA	02	20
PY01P01043	10.400.BE	02	10	PY02B01168	35.353.AE	01	6
PY01P01043	35.204.BJ	01	13	PY02B01299	39.100.BD	01	9
PY01P01043	35.310.AG	03	37	PY02P01104	10.001.AK	01	5
PY01P01043	35.310.AG	04	3	PY02P01104	10.001.AK	02	4
PY01P01043	35.310.AJ	03	16	PY03M01292	35.356.AK		11
PY01P01043	35.356.AK		22	PY12B01078	84.910.AA		2
PY01P01043	35.359.AE	08	17	PY12B01078	84.912.AA	01	4
PY01P01043	35.359.AE	11	5	PY15V00002	48.120.AQ	02	55
PY01P01043	35.359.AE	13	13	PY15V00011	48.120.AQ	02	60
PY01P01043	35.359.AE	24	5	PY15V00012	35.352.AL	02	26
PY01P01043	35.738.AE	02	7	PY15V00014	35.352.AL	02	55

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