Service Manual

ROBOT 185, 1105

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General Information 1
Care & Safety 2
Routine Maintenance 3
Attachments A
Body & Framework B
Electrics C
Controls D
Hydraulics E
Transmission F
Brakes G
Engine K

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Unit Identification

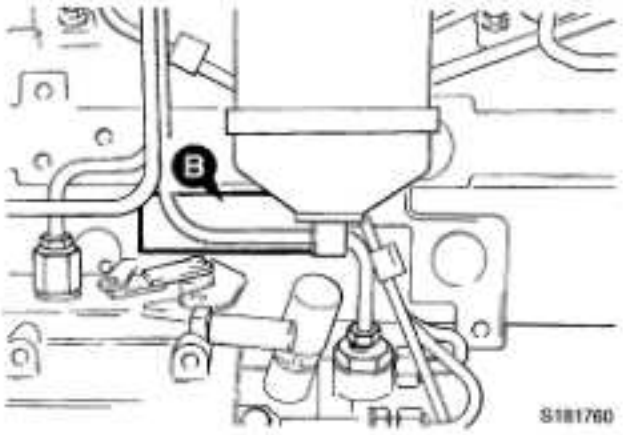
The engine serial number is stamped on a label **B** on the side of the cylinder block.

The chassis serial number is stamped on the front face of the chassis underneath the windscreen as shown at **C**.

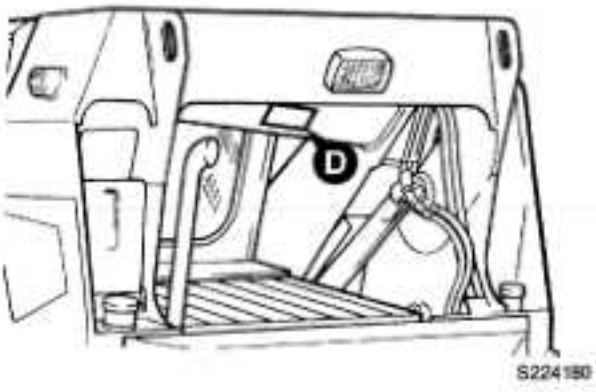
The lift arm serial number is stamped on the rear of the lift arm as shown at **D**.

The hydraulic pump unit serial number is stamped underneath the pump towards the drive end.

If any of the above units are replaced with new ones, the relevant serial number on the Machine Identification Plate will be superseded. Either stamp the plate with the new number or stamp out the old number.

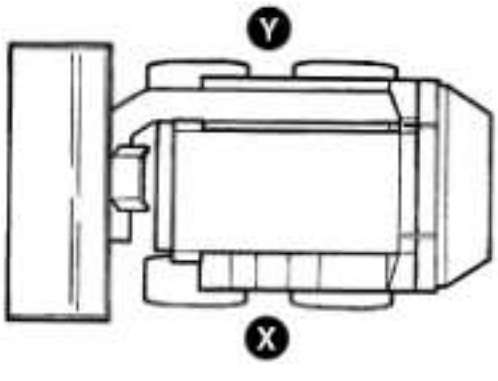






Left Side, Right Side

In this manual, 'left' **X** and 'right' **Y** mean your left and right when you are seated correctly in the machine.



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Use only where no torque setting is specified in the text. Values are for dry threads and may be within three per cent of the figures stated. For lubricated threads the values should be REDUCED by one third.

UNF Grade 'S' Bolts

Bolt Size in	(mm)	Hexagon (A/F) in	Torque Settings Nm	kgf m	lbf ft
1/4	(6.3)	7/16	14	1.4	10
5/16	(7.9)	1/2	28	2.8	20
3/8	(9.5)	9/16	49	5.0	36
7/16	(11.1)	5/8	78	8.0	58
1/2	(12.7)	3/4	117	12.0	87
9/16	(14.3)	13/16	170	17.3	125
5/8	(15.9)	15/16	238	24.3	175
3/4	(19.0)	1 1/8	407	41.5	300
7/8	(22.2)	1 5/16	650	66.3	480
1	(25.4)	1 1/2	970	99.0	715
1 1/4	(31.7)	1 7/8	1940	198.0	1430
1 1/2	(38.1)	2 1/4	3390	345.0	2500

Metric Grade 8.8 Bolts

Bolt Size in	(mm)	Hexagon (A/F) in	Torque Settings Nm	kgf m	lbf ft
M5	(5)	8	7	0.7	5
M6	(6)	10	12	1.2	9
M8	(8)	13	28	3.0	21
M10	(10)	17	56	5.7	42
M12	(12)	19	98	10	72
M16	(16)	24	244	25	180
M20	(20)	30	476	48	352
M24	(24)	36	822	84	607
M30	(30)	46	1633	166	1205
M36	(36)	55	2854	291	2105

Note: All bolts used on JCB machines are high tensile and must not be replaced by bolts of a lesser tensile specification.

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Numerical List

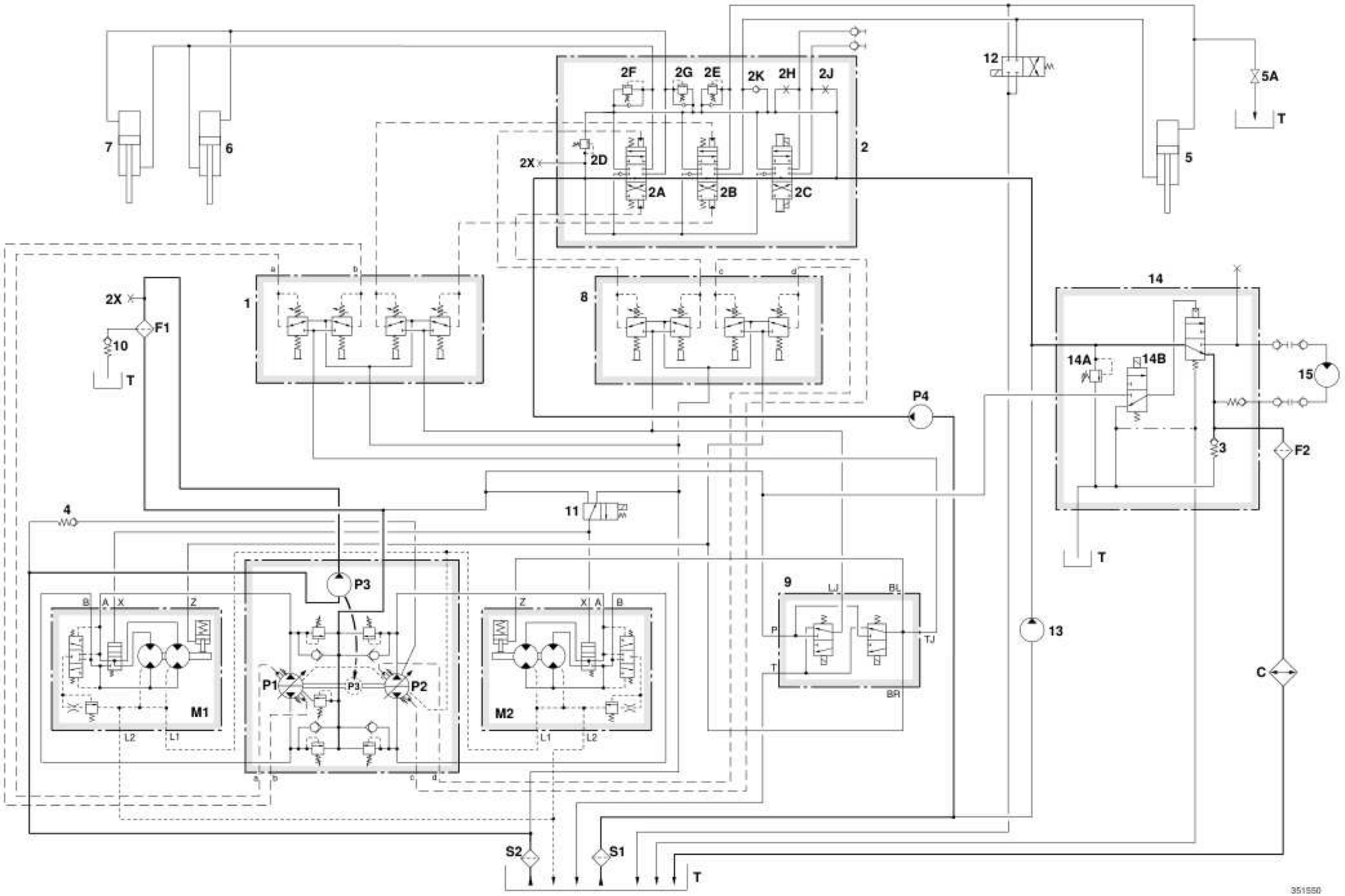
		Page No.
1406/0011	Bonded Washer	4 - 3
1406/0018	Bonded Washer	4 - 3
1406/0021	Bonded Washer	4 - 2/4 - 3
1406/0029	Bonded Washer	4 - 3
1604/0003	Adapter	4 - 3
1604/0004	Adapter	4 - 3
1604/0006	Adapter	4 - 2/4 - 3
1606/0003	Adapter	4 - 3
1606/0004	Adapter	4 - 3
1606/0007	Adapter	4 - 3
1606/0008	Adapter	4 - 3
1606/0009	Adapter	4 - 3
1612/0006	Adapter	4 - 2
4101/0251	Threadlocker & Sealer	5 - 1
4101/0451	Threadlocker	5 - 1
4101/0552	Threadlocker & Sealer (High Strength)	5 - 1
4101/0651	Retainer (High Strength)	5 - 1
4102/0551	High Strength Threadlocker	5 - 1
4102/1201	Multi-Gasket	5 - 1
4104/0251	Activator (Aerosol)	5 - 1
4104/0253	Activator (Bottle)	5 - 1
4104/1557	Cleaner/Degreaser	5 - 1
816/00189	Blanking Cap	4 - 4
816/00190	Blanking Cap	4 - 4
816/00193	Blanking Cap	4 - 4
816/00196	Blanking Cap	4 - 4
816/00197	Blanking Cap	4 - 4
816/00294	Blanking Cap	4 - 4
816/15118	Pressure Test Adapter	4 - 2
816/20008	Adapter	4 - 2
816/50043	'T' Adapter	4 - 4
816/55038	Pressure Test 'T' Adapter	4 - 2
816/55040	Pressure Test 'T' Adapter	4 - 2
816/60096	'T' Adapter	4 - 4
892/00047	'T' Adapter	4 - 4
892/00048	'T' Adapter	4 - 4
892/00055	Blanking Plug	4 - 4
892/00056	Blanking Plug	4 - 4
892/00057	Blanking Plug	4 - 4
892/00059	Blanking Plug	4 - 4
892/00060	Blanking Plug	4 - 4
892/00074	Female Connector	4 - 4
892/00075	Female Connector	4 - 4
892/00077	Female Connector	4 - 4
892/00137	Hose	4 - 3
892/00223	Hand Pump	4 - 3
892/00252	Test Block	4 - 3
892/00253	Pressure Test Kit	4 - 2
892/00255	Pressure Test Adapter	4 - 2
892/00256	Pressure Test Adapter	4 - 2
892/00257	Pressure Test Adapter	4 - 2
892/00258	Pressure Test Adapter	4 - 2
892/00259	Pressure Test Adapter	4 - 2
892/00260	Pressure Test Adapter	4 - 2
892/00261	Pressure Test Adapter	4 - 2
892/00262	Pressure Test 'T' Adapter	4 - 2/4 - 3
892/00263	Pressure Test 'T' Adapter	4 - 2
892/00264	Pressure Test 'T' Adapter	4 - 2
892/00265	Pressure Test 'T' Adapter	4 - 2
892/00268	Flow Monitoring Unit	4 - 2
892/00269	Sensor Head	4 - 2
892/00270	Load Valve	4 - 2
892/00271	Adapter	4 - 2
892/00272	Adapter	4 - 2
892/00274	Adapter	4 - 3
892/00275	Adapter	4 - 2
892/00276	Adapter	4 - 2
892/00277	Adapter	4 - 2
892/00278	Gauge	4 - 3
892/00279	Gauge	4 - 3
892/00281	AVO Meter	4 - 1
892/00282	Shunt	4 - 1
892/00283	Tool Kit Case	4 - 1
892/00284	Tachometer	4 - 1
892/00285	Hydraulic Oil Temperature Probe	4 - 1
892/00286	Surface Temperature Probe	4 - 1
892/00706	Test Probe	4 - 3
* 892/01017	Ram Seal Protection Sleeve	4 - 5
* 892/01019	Ram Seal Protection Sleeve	4 - 5
* 892/01027	Piston seal Assembly Tool	4 - 5
992/09300	Spanner	4 - 3
992/09400	Spanner	4 - 3
992/09500	Spanner	4 - 3
992/09600	Spanner	4 - 3
993/68100	Slide Hammer	4 - 4
993/85700	Battery Tester	4 - 1
993/99510	Half Moon Spanner	4 - 4

The following parts are replacement items for kits and would normally be included in the kit numbers quoted above.

Replacement items for kit no. 892/00253

892/00201	Replacement Gauge	4 - 2
892/00202	Replacement Gauge	4 - 2
892/00203	Replacement Gauge	4 - 2
892/00254	Replacement Hose	4 - 2

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