

## 8061

[Section 1 - General Information](#)

[Section 2 - Care and Safety](#)

[Section 3 - Maintenance](#)

[Section A - Attachments](#)

[Section B - Body and Framework](#)

[Section C - Electrics](#)

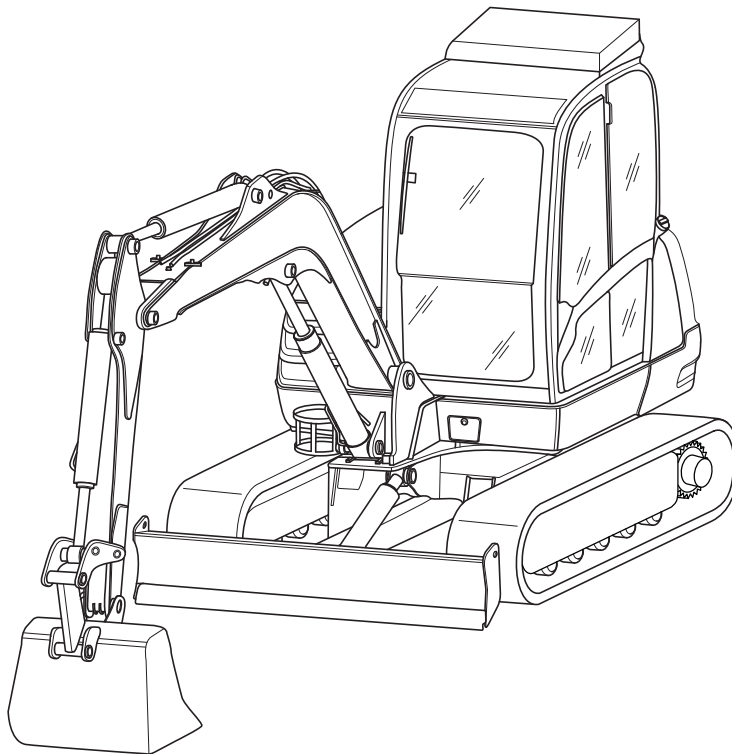
[Section D - Controls](#)

[Section E - Hydraulics](#)

[Section F - Gearboxes](#)

[Section J - Track and Running Gear](#)

[Section K - Engine](#)



Publication No.  
**9813/1750-1**



Copyright © 2004 JCB SERVICE. All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any other means, electronic, mechanical, photocopying or otherwise, without prior permission from JCB SERVICE.

Issued by JCB Technical Publications, JCB Aftermarket Training, Woodseat, Rocester, Staffordshire, ST14 5BW, England. Tel +44 1889 591300 Fax +44 1889 591400

World Class  
Customer Support

## General Information

[Section 1 - General Information](#)

[Section 2 - Care and Safety](#)

[Section 3 - Maintenance](#)

[Section A - Attachments](#)

[Section B - Body and Framework](#)

[Section C - Electrics](#)

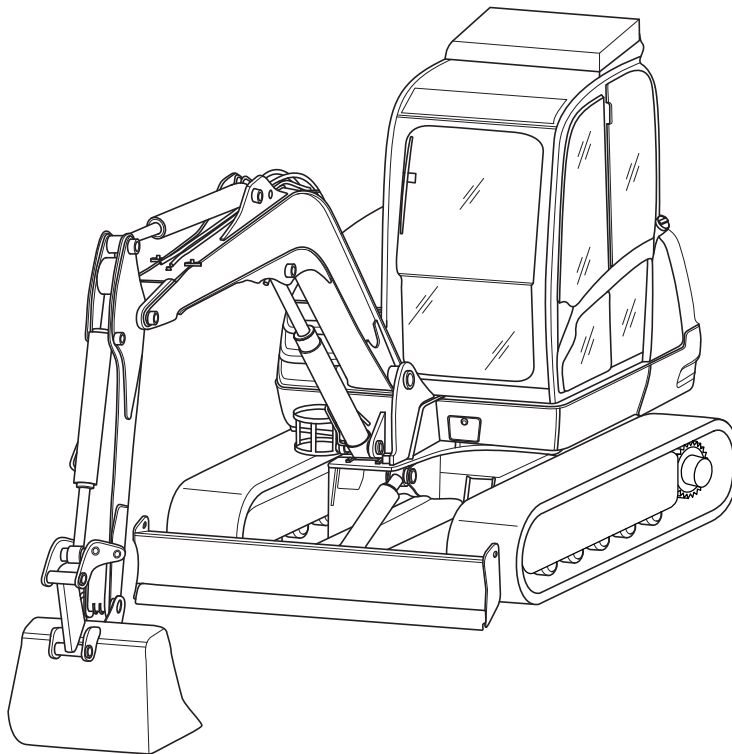
[Section D - Controls](#)

[Section E - Hydraulics](#)

[Section F - Gearboxes](#)

[Section J - Track and Running Gear](#)

[Section K - Engine](#)



Publication No.  
**9813/1750-1**



Copyright © 2004 JCB SERVICE. All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any other means, electronic, mechanical, photocopying or otherwise, without prior permission from JCB SERVICE.

Issued by JCB Technical Publications, JCB Aftermarket Training, Woodseat, Rocester, Staffordshire, ST14 5BW, England. Tel +44 1889 591300 Fax +44 1889 591400

World Class  
Customer Support



## Section 1 - General Information

---

**Notes:**

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---



# Section 1 - General Information

---

<b>Contents</b>	<b>Page No.</b>
<b>Introduction</b>	
About this Publication .....	1 - 1
Schematic Codes .....	1 - 2
<b>Identification Plates</b>	
Identifying Your Machine .....	1 - 3
<b>Standard Torque Settings</b>	
Zinc Plated Fasteners and Dacromet Fasteners .....	1 - 5
Hydraulic Connections .....	1 - 9
<b>Service Tools</b>	
Numerical List .....	1 - 13
Tool Detail Reference .....	1 - 16
<b>Service Consumables</b>	
Sealing and Retaining Compounds .....	1 - 29



# Section 1 - General Information

---

Contents

Page No.

---

# Introduction

## About this Publication

This publication is designed for the benefit of JCB Distributor Service Engineers who are receiving, or have received, training by JCB Technical Training Department.

These personnel should have a sound knowledge of workshop practice, safety procedures, and general techniques associated with the maintenance and repair of hydraulic earthmoving equipment.

Renewal of oil seals, gaskets, etc., and any component showing obvious signs of wear or damage is expected as a matter of course. It is expected that components will be cleaned and lubricated where appropriate, and that any opened hose or pipe connections will be blanked to prevent excessive loss of hydraulic fluid and ingress of dirt. Finally, please remember above all else **SAFETY MUST COME FIRST!**

The manual is compiled in sections, the first three are numbered and contain information as follows:

- 1** General Information - includes torque settings and service tools.
- 2** Care & Safety - includes warnings and cautions pertinent to aspects of workshop procedures etc.
- 3** Routine Maintenance - includes service schedules and recommended lubricants for all the machine.

The remaining sections are alphabetically coded and deal with Dismantling, Overhaul etc. of specific components, for example:

- A** Attachments
- B** Body & Framework...etc.

The page numbering in each alphabetically coded section is not continuous. This allows for the insertion of new items in later issues of the manual.

Section contents, technical data, circuit descriptions, operation descriptions etc. are inserted at the beginning of each alphabetically coded section.

All sections are listed on the front cover; tabbed divider cards align directly with individual sections on the front cover for rapid reference.

Where a torque setting is given as a single figure it may be varied by plus or minus 3%. Torque figures indicated are for dry threads, hence for lubricated threads may be reduced by one third.








'Left Hand' and 'Right Hand' are as viewed from the rear of the machine facing forwards.

This Service Manual covers the following machines:  
JCB 8061 China - Serial numbers 2068385 Onwards

## Schematic Codes

### Colour Codes

The following colour coding, used on illustrations to denote various conditions of oil pressure and flow, is standardised throughout JCB Service Publications.

	<b>Red</b>	<b>Full Pressure:</b> Pressure generated from operation of a service. Depending on application this may be anything between neutral circuit pressure and MRV operating pressure.
	<b>Pink</b>	<b>Pressure:</b> Pressure that is above neutral circuit pressure but lower than that denoted by Red.
	<b>Orange</b>	<b>Servo:</b> Oil pressure used in controlling a device (servo).
	<b>Blue</b>	<b>Neural:</b> Neutral circuit pressure.
	<b>Green</b>	<b>Exhaust:</b>
	<b>Light Green</b>	<b>Cavitation:</b> Oil subjected to a partial vacuum due to a drop in pressure (cavitation).
	<b>Yellow</b>	<b>Lock Up:</b> Oil trapped within a chamber or line, preventing movement of components (lock up).

# Identification Plates

## Identifying Your Machine

### Machine Identification Plate

Your machine has an identification plate mounted as shown. The Product Identification Number (PIN), weight, engine power, year of manufacture and serial number of the machine are shown on the plate.

**Note:** The machine model and build specification is indicated by the PIN. Refer to **Typical Product Identification Number (PIN)**.

If the engine is replaced by a new one, the serial number on the identification plate will be wrong. Either get a replacement identification plate from your JCB Dealer or simply remove the old number. This will prevent the wrong unit number being quoted when replacement parts are ordered.

The machine and engine serial numbers can help identify exactly the type of equipment you have.

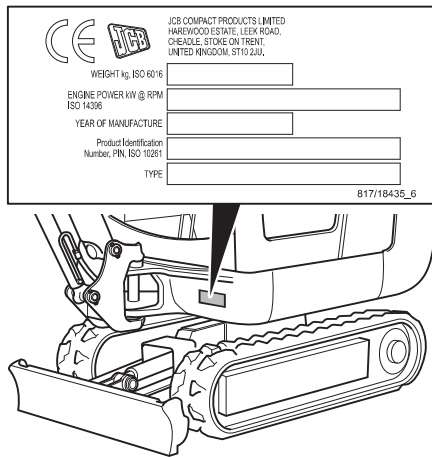


Fig 1.

772890-2

### Typical Product Identification Number (PIN)

1	2	3	4
SHA	08061	L	2068385

1 World Manufacturer Identification (3 Digits).

SHA = Shanghai China Build.

2 Machine Type and Model (5 Digits).

08061 = 8061.

3 Random Check Letter (1 Digit).

The Check Letter is used to verify the authenticity of a machine's PIN.

4 Machine Serial Number (8 Digits).

Each machine has a unique serial number.

### Component Identification

#### Typical Engine Identification Number

If the engine is replaced by a new one, the data plate serial number will be wrong. Either stamp the new number on the plate or stamp out the old one. This will prevent the wrong number being quoted when you order replacement parts.

a	b	c	d	e
KE	50316	J	000001	Y

a Engine Type

b Engine Parts List

c Country of Manufacture

d Engine Serial Number

e Year of Manufacture



### ROPS, TOPS and FOGS

#### WARNING

**Modified and wrongly repaired ROPS, TOPS & FOGS Structures are dangerous. Do not modify the TOPS Structure. Do not attempt to repair the ROPS, TOPS & FOGS Structure. If the ROPS, TOPS & FOGS Structure has been in an accident, do not use the machine until the structure has been inspected and repaired. This must be done by a qualified person. For assistance, contact your JCB dealer. Failure to take precautions could result in death or injury to the operator.**

5-3-1-7\_2

Machines built to ROPS and TOPS standards have an identification label fitted to the cab. [⇒ Fig 2. \(□ 1-4\).](#)

A bolt on falling object guard is available which also carries a certified label. This label certifies the cab to FOGS standard. [⇒ Fig 3. \(□ 1-4\).](#)

When a machine is used in an application with the risk of falling objects, the machine must be equipped with the optional FOGS guard. This guard is compliant to ISO10262 level 1 and is intended for protection from small objects, e.g. small rocks, small debris and other small objects encountered in operations such as highway maintenance, landscaping and other construction site services.



Fig 2.

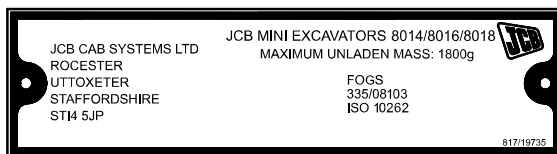


Fig 3.

# Standard Torque Settings

## Zinc Plated Fasteners and Dacromet Fasteners

T11-002

### Introduction

Some external fasteners on JCB machines are manufactured using an improved type of corrosion resistant finish. This type of finish is called Dacromet and replaces the original Zinc and Yellow Plating used on earlier machines.

The two types of fasteners can be readily identified by colour and part number suffix. → [Table 1. Fastener Types](#) (□ 1-5).

**Table 1. Fastener Types**

Fastener Type	Colour	Part No. Suffix
Zinc and Yellow	Golden finish	'Z' (e.g. 1315/3712Z)
Dacromet	Mottled silver finish	'D' (e.g. 1315/3712D)

**Note:** As the Dacromet fasteners have a lower torque setting than the Zinc and Yellow fasteners, the torque figures used must be relevant to the type of fastener.

**Note:** A Dacromet bolt should not be used in conjunction with a Zinc or Yellow plated nut, as this could change the torque characteristics of the torque setting further. For the same reason, a Dacromet nut should not be used with a Zinc or Yellow plated bolt.

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

**Note:** Dacromet bolts, due to their high corrosion resistance are used in areas where rust could occur. Dacromet bolts are only used for external applications. They are not used in applications such as gearbox or engine joint seams or internal applications.

### Bolts and Screws

Use the following torque setting tables only where no torque setting is specified in the text.

**Note:** Dacromet fasteners are lubricated as part of the plating process, do not lubricate.

Torque settings are given for the following conditions:

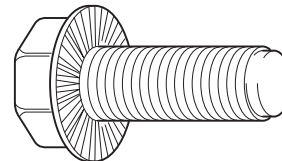
#### Condition 1

- Un-lubricated fasteners
- Zinc fasteners
- Yellow plated fasteners

#### Condition 2

- Zinc flake (Dacromet) fasteners
- Lubricated zinc and yellow plated fasteners
- Where there is a natural lubrication. For example, cast iron components

### Verbus Ripp Bolts



**Fig 1.**

Torque settings for these bolts are determined by the application. Refer to the relevant procedure for the required settings.



## Section 1 - General Information Standard Torque Settings

Zinc Plated Fasteners and Dacromet Fasteners

**Table 2. Torque Settings - UNF Grade 'S' Fasteners**

Bolt Size		Hexagon (A/F)	Condition 1			Condition 2		
in.	mm	in.	Nm	kgf m	lbf ft	Nm	kgf m	lbf ft
1/4	6.3	7/16	11.2	1.1	8.3	10.0	1.0	7.4
5/16	7.9	1/2	22.3	2.3	16.4	20.0	2.0	14.7
3/8	9.5	9/16	40.0	4.1	29.5	36.0	3.7	26.5
7/16	11.1	5/8	64.0	6.5	47.2	57.0	5.8	42.0
1/2	12.7	3/4	98.00	10.0	72.3	88.0	9.0	64.9
9/16	14.3	13/16	140.0	14.3	103.2	126.0	12.8	92.9
5/8	15.9	15/16	196.0	20.0	144.6	177.0	18.0	130.5
3/4	19.0	1 1/8	343.0	35.0	253.0	309.0	31.5	227.9
7/8	22.2	1 15/16	547.0	55.8	403.4	492.0	50.2	362.9
1	25.4	1 1/2	814.0	83.0	600.4	732.0	74.6	539.9
1 1/8	31.7	1 7/8	1181.0	120.4	871.1	1063.0	108.4	784.0
1 1/4	38.1	2 1/4	1646.0	167.8	1214.0	1481.0	151.0	1092.3

**Table 3. Torque Settings - Metric Grade 8.8 Fasteners**

Bolt Size		Hexagon (A/F)	Condition 1			Condition 2		
ISO Metric Thread	mm	mm	Nm	kgf m	lbf ft	Nm	kgf m	lbf ft
M5	5	8	5.8	0.6	4.3	5.2	0.5	3.8
M6	6	10	9.9	1.0	7.3	9.0	0.9	6.6
M8	8	13	24.0	2.4	17.7	22.0	2.2	16.2
M10	10	17	47.0	4.8	34.7	43.0	4.4	31.7
M12	12	19	83.0	8.5	61.2	74.0	7.5	54.6
M16	16	24	205.0	20.9	151.2	184.0	18.8	135.7
M20	20	30	400.0	40.8	295.0	360.0	36.7	265.5
M24	24	36	690.0	70.4	508.9	621.0	63.3	458.0
M30	30	46	1372.0	139.9	1011.9	1235.0	125.9	910.9
M36	36	55	2399.0	244.6	1769.4	2159.0	220.0	1592.4



## Section 1 - General Information Standard Torque Settings

Zinc Plated Fasteners and Dacromet Fasteners

**Table 4. Metric Grade 10.9 Fasteners**

Bolt Size		Hexagon (A/F)	Condition 1			Condition 2		
ISO Metric Thread	mm	mm	Nm	kgf m	lbf ft	Nm	kgf m	lbf ft
M5	5	8	8.1	0.8	6.0	7.3	0.7	5.4
M6	6	10	13.9	1.4	10.2	12.5	1.3	9.2
M8	8	13	34.0	3.5	25.0	30.0	3.0	22.1
M10	10	17	67.0	6.8	49.4	60.0	6.1	44.2
M12	12	19	116.0	11.8	85.5	104.0	10.6	76.7
M16	16	24	288.0	29.4	212.4	259.0	26.4	191.0
M20	20	30	562.0	57.3	414.5	506.0	51.6	373.2
M24	24	36	971.0	99.0	716.9	874.0	89.1	644.6
M30	30	46	1930.0	196.8	1423.5	1737.0	177.1	1281.1
M36	36	55	3374.0	344.0	2488.5	3036.0	309.6	2239.2

**Table 5. Metric Grade 12.9 Fasteners**

Bolt Size		Hexagon (A/F)	Condition 1			Condition 2		
ISO Metric Thread	mm	mm	Nm	kgf m	lbf ft	Nm	kgf m	lbf ft
M5	5	8	9.8	1.0	7.2	8.8	0.9	6.5
M6	6	10	16.6	1.7	12.2	15.0	1.5	11.1
M8	8	13	40.0	4.1	29.5	36.0	3.7	26.5
M10	10	17	80.0	8.1	59.0	72.0	7.3	53.1
M12	12	19	139.0	14.2	102.5	125.0	12.7	92.2
M16	16	24	345.0	35.2	254.4	311.0	31.7	229.4
M20	20	30	674.0	68.7	497.1	607.0	61.9	447.7
M24	24	36	1165.0	118.8	859.2	1048.0	106.9	773.0
M30	30	46	2316.0	236.2	1708.2	2084.0	212.5	1537.1
M36	36	55	4049.0	412.9	2986.4	3644.0	371.6	2687.7



## Section 1 - General Information Standard Torque Settings

Zinc Plated Fasteners and Dacromet Fasteners

**Table 6. Torque Settings - Rivet Nut Bolts/Screws**

Bolt Size		Nm	kgf m	lbf ft
ISO Metric Thread	mm			
M3	3	1.2	0.1	0.9
M4	4	3.0	0.3	2.0
M5	5	6.0	0.6	4.5
M6	6	10.0	1.0	7.5
M8	8	24.0	2.5	18.0
M10	10	48.0	4.9	35.5
M12	12	82.0	8.4	60.5

**Table 7. Torque Settings - Internal Hexagon Headed Cap Screws (Zinc)**

Bolt Size		Nm	kgf m	lbf ft
ISO Metric Thread				
M3		2.0	0.2	1.5
M4		6.0	0.6	4.5
M5		11.0	1.1	8.0
M6		19.0	1.9	14.0
M8		46.0	4.7	34.0
M10		91.0	9.3	67.0
M12		159.0	16.2	117.0
M16		395.0	40.0	292.0
M18		550.0	56.0	406.0
M20		770.0	79.0	568.0
M24		1332.0	136.0	983.0



## Hydraulic Connections

T11-003

### 'O' Ring Face Seal System

#### Adaptors Screwed into Valve Blocks

Adaptor screwed into valve blocks, seal onto an 'O' ring which is compressed into a 45° seat machined into the face of the tapped port.

**Table 8. Torque Settings - BSP Adaptors**

BSP Adaptor Size	Hexagon (A/F)	Nm	kgf m	lbf ft
	mm			
1/4	19.0	18.0	1.8	13.0
3/8	22.0	31.0	3.2	23.0
1/2	27.0	49.0	5.0	36.0
5/8	30.0	60.0	6.1	44.0
3/4	32.0	81.0	8.2	60.0
1	38.0	129.0	13.1	95.0
1 1/4	50.0	206.0	21.0	152.0

**Table 9. Torque Settings - SAE Connections**

SAE Tube Size	SAE Port Thread Size	Hexagon (A/F)	Nm	kgf m	lbf ft
		mm			
4	7/16 - 20	15.9	20.0 - 28.0	2.0 - 2.8	16.5 - 18.5
6	9/16 - 18	19.1	46.0 - 54.0	4.7 - 5.5	34.0 - 40.0
8	3/4 - 16	22.2	95.0 - 105.0	9.7 - 10.7	69.0 - 77.0
10	7/8 - 14	27.0	130.0 - 140.0	13.2 - 14.3	96.0 - 104.0
12	1 1/16 - 12	31.8	190.0 - 210.0	19.4 - 21.4	141.0 - 155.0
16	1 5/16 - 12	38.1	290.0 - 310.0	29.6 - 31.6	216.0 - 230.0
20	1 5/8	47.6	280.0 - 380.0	28.5 - 38.7	210.0 - 280.0

### Hoses Screwed into Adaptors

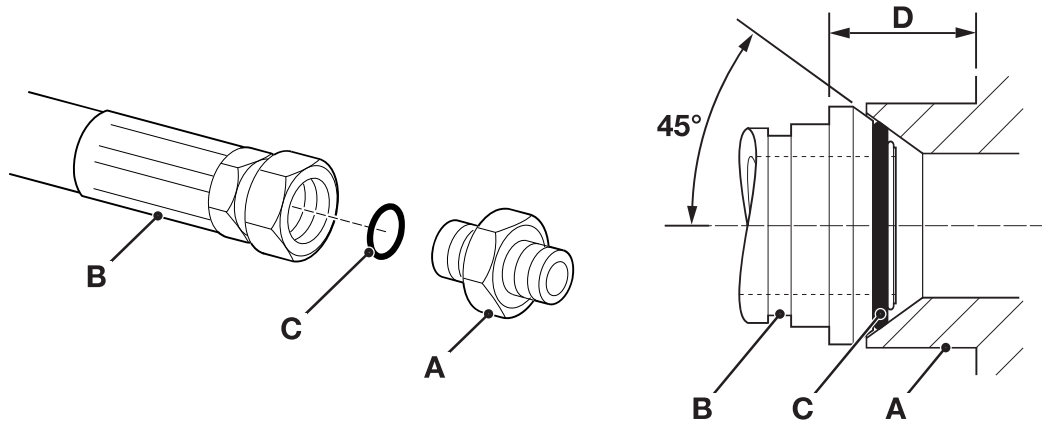


Fig 2.

Hoses **2-B** screwed into adaptors **2-A** seal onto an 'O' ring **2-C** which is compressed into a 45° seat machined into the face of the adaptor port.

*Note: Dimension 2-D will vary depending upon the torque applied.*

Table 10. BSP Hose - Torque Settings

BSP Hose Size	Hexagon (A/F)	Nm	kgf m	lbf ft
	in.			
1/8	14.0	14.0 - 16.00	1.4 - 1.6	10.3 - 11.8
1/4	19.0	24.0 - 27.0	2.4 - 2.7	17.7 - 19.9
3/8	22.0	33.0 - 40.0	3.4 - 4.1	24.3 - 29.5
1/2	27.0	44.0 - 50.0	4.5 - 5.1	32.4 - 36.9
5/8	30.0	58.0 - 65.0	5.9 - 6.6	42.8 - 47.9
3/4	32.0	84.0 - 92.0	8.6 - 9.4	61.9 - 67.8
1	38.0	115.0 - 126.0	11.7 - 12.8	84.8 - 92.9
1 1/4	50.0	189.0 - 200.0	19.3 - 20.4	139.4 - 147.5
1 1/2	55.0	244.0 - 260.0	24.9 - 26.5	180.0 - 191.8



## Section 1 - General Information Standard Torque Settings

Hydraulic Connections

### Adaptors into Component Connections with Bonded Washers

Table 11. BSP Adaptors with Bonded Washers - Torque Settings

BSP Size		Nm	kgf m	lbf ft
in.				
1/8		20.0	2.1	15.0
1/4		34.0	3.4	25.0
3/8		75.0	7.6	55.0
1/2		102.0	10.3	75.0
5/8		122.0	12.4	90.0
3/4		183.0	18.7	135.0
1		203.0	20.7	150.0
1 1/4		305.0	31.0	225.0
1 1/2		305.0	31.0	225.0



### 'Torque Stop' Hose System

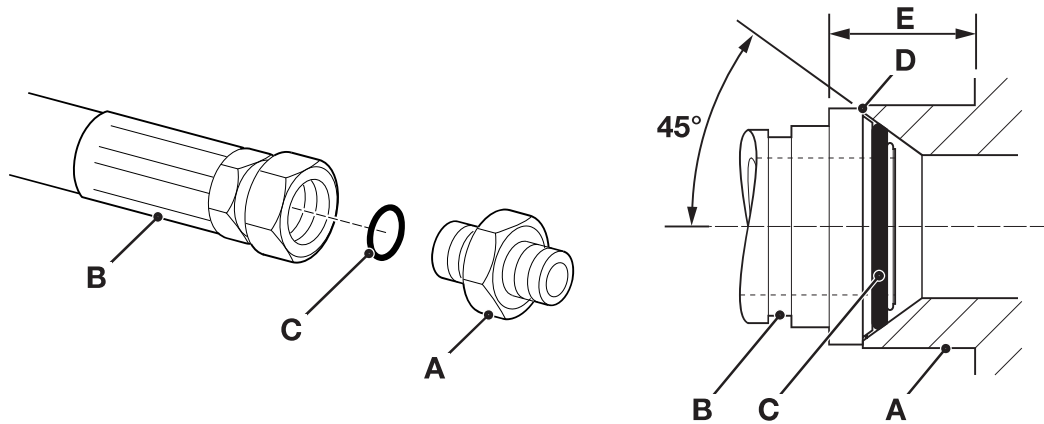


Fig 3.

'Torque Stop' Hoses **3-B** screwed into adaptors **3-A** seal onto an 'O' ring **3-C** which is compressed into a 45° seat machined in the face of the adaptor port. To prevent the 'O' ring being damaged as a result of over tightening, 'Torque

Stop' Hoses have an additional shoulder **3-D**, which acts as a physical stop.

**Note:** Minimum dimension **3-E** fixed by shoulder **3-D**.

Table 12. BSP 'Torque Stop' Hose - Torque Settings

BSP Hose Size	Hexagon (A/F)	Nm	kgf m	lbf ft
	mm			
1/8	14.0	14.0	1.4	10.0
1/4	19.0	27.0	2.7	20.0
3/8	22.0	40.0	4.1	30.0
1/2	27.0	55.0	5.6	40.0
5/8	30.0	65.0	6.6	48.0
3/4	32.0	95.0	9.7	70.0
1	38.0	120.0	12.2	89.0
1 1/4	50.0	189.0	19.3	140.0
1 1/2	55.0	244.0	24.9	180.0

# Service Tools

## Numerical List

The tools listed in the table are special tools required for carrying out the procedures described in this manual. These tools are available from JCB Service.

Some tools are available as kits or sets, the part numbers for parts within such kits or sets are not listed here. For full details of all tools, including the content of kits and sets,

see the relevant section in this manual. → [Tool Detail Reference \(1-16\)](#).

**Note:** Tools other than those listed will be required. It is expected that such general tools will be available in any well equipped workshop or be available locally from any good tool supplier.

Part Number	Description	See Section
-	Bonded Washers - see <b>Tool Detail Reference (Section 1)</b> for content	E
-	Female Cone Blanking Plugs - see <b>Tool Detail Reference (Section 1)</b> for content	E
-	Female Connectors - see <b>Tool Detail Reference (Section 1)</b> for content	E
-	Hydraulic Flow Test Equipment - see <b>Tool Detail Reference (Section 1)</b> for content	E
-	Hydraulic Hand Pump Equipment - see <b>Tool Detail Reference (Section 1)</b> for content	E
-	Male Adapters - BSP x BSP - see <b>Tool Detail Reference (Section 1)</b> for content	E
-	Male Adapters - BSP x NPT (USA only) - see <b>Tool Detail Reference (Section 1)</b> for content	E
-	Male Cone Blanking Caps - see <b>Tool Detail Reference (Section 1)</b> for content	E
-	Pressure Test Points - Adaptors - see <b>Tool Detail Reference (Section 1)</b> for content	E
-	Pressure Test Points - 'T' Adaptors - see <b>Tool Detail Reference (Section 1)</b> for content	E
-	Rivet Nut Tool - see <b>Tool Detail Reference (Section 1)</b> for content	B
331/22966	Pump Drive Alignment Tool	E
331/31069	Test Block for A.R.V.	E
4104/1310	Hand Cleaner	B
892/00039	Spool Clamp	E
892/00041	De-glazing Tool	K
892/00137	Micro-Bore Hose	E
892/00223	Hand Pump	E
892/00253	Hydraulic Circuit Pressure Test Kit - see <b>Tool Detail Reference (Section 1)</b> for content	E
892/00254	Hose	E
892/00271	Adapter	E
892/00272	Adapter	E
892/00273	Adapter	E
892/00274	Adapter	E
892/00275	Adapter	E



## Section 1 - General Information Service Tools

Numerical List

<b>Part Number</b>	<b>Description</b>	<b>See Section</b>
892/00276	Adapter	E
892/00277	Adapter	E
892/00279	Gauge	E
892/00280	Gauge	E
892/00281	AVO Meter	C
892/00284	Digital Tachometer	C
892/00285	Hyd. Oil Temperature Probe	C
892/00298	Fluke Meter	C
892/00334	Ram Seal Fitting Tool	E
892/00346	Gauge	E
892/00347	Connector	E
892/00706	Test Probe	E
892/00842	Glass Lifter	B
892/00843	Folding Stand for Holding Glass	B
892/00845	Cartridge Gun	B
892/00846	Glass Extractor (Handles)	B
892/00847	Nylon Spatula	B
892/00848	Wire Starter	B
892/00849	Braided Cutting Wire	B
892/01016	Ram Protection Sleeve for 25 mm Rod Diameter	E
892/01017	Ram Protection Sleeve for 30 mm Rod Diameter	E
892/01018	Ram Protection Sleeve for 40 mm Rod Diameter	E
892/01019	Ram Protection Sleeve for 50 mm Rod Diameter	E
892/01020	Ram Protection Sleeve for 50 mm Rod Diameter (slew ram)	E
892/01021	Ram Protection Sleeve for 60 mm Rod Diameter	E
892/01022	Ram Protection Sleeve for 60 mm Rod Diameter (slew ram)	E
892/01023	Ram Protection Sleeve for 65 mm Rod Diameter	E
892/01024	Ram Protection Sleeve for 70 mm Rod Diameter	E
892/01025	Ram Protection Sleeve for 75 mm Rod Diameter	E
892/01026	Ram Protection Sleeve for 80 mm Rod Diameter	E
892/01027	Piston Seal Assembly Tool	E
926/15500	Rubber Spacer Blocks	B
992/02800	ARV Extractor	E
992/04000	Torque Multiplier	F
992/09300	Hexagon Spanner 55mm A/F	E
992/09400	Hexagon Spanner 65mm A/F	E
992/09500	Hexagon Spanner 75mm A/F	E



## Section 1 - General Information Service Tools

Numerical List

<b>Part Number</b>	<b>Description</b>	<b>See Section</b>
992/09600	Hexagon Spanner 85mm A/F	<b>E</b>
992/09700	Hexagon Spanner 95mm A/F	<b>E</b>
992/09900	Hexagon Spanner 115mm A/F	<b>E</b>
992/10000	Hexagon Spanner 125mm A/F	<b>E</b>
992/10100	Spool Clamp	<b>E</b>
992/12300	12V Mobile Oven	<b>B</b>
992/12400	24V Static Oven (2 Cartridge)	<b>B</b>
992/12800	Cut-Out Knife	<b>B</b>
992/12801	'L' Blades	<b>B</b>
993/68100	Slide Hammer Kit - see <b>Tool Detail Reference (Section 1)</b> for content	<b>B</b>