

## Rough Terrain Fork Lift

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Publication No.  
**9803/5100-16**



World Class  
Customer Support

## General Information

Service Manual - Rough Terrain Fork Lift

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# Introduction

## About This Manual

### Machine Model and Serial Number

This manual provides information for the following model(s) in the JCB machine range:

- 926 from Machine Serial No. 602000
- 930 from Machine Serial No. 607700
- 940

### Using the Service Manual

T11-004  
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.

The illustrations in this publication are for guidance only. Where the machines differ, the text and/or the illustration will specify.

General warnings in Section 2 are repeated throughout the manual, as well as specific warnings. Read all safety statements regularly, so you do not forget them.

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.

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.

The manufacturer's policy is one of continuous improvement. The right to change the specification of the machine without notice is reserved. No responsibility will be accepted for discrepancies which may occur between specifications of the machine and the descriptions contained in this publication.

Finally, please remember above all else safety must come first!

### Section Numbering

T11-005  
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 and Safety - includes warnings and cautions pertinent to aspects of workshop procedures etc.
- 3** 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 and Framework, etc.

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

### Units of Measurement

T1-001\_2  
In this publication, the S.I. system of units is used. For example, liquid capacities are given in litres. The Imperial units follow in parentheses ( ) eg 28 litres (6 gal).

### Left Side, Right Side

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

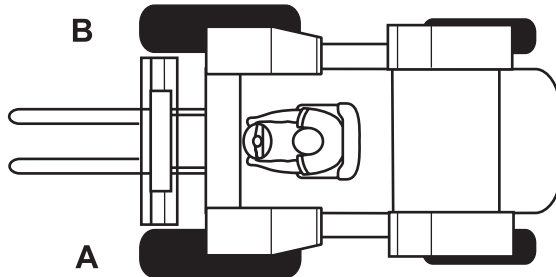


Fig 1.

### Cross References

T1-004\_2

In this publication, page cross references are made by presenting the subject title printed in bold, italic and underlined. It is preceded by the 'go to' symbol. The number of the page upon which the subject begins, is indicated within the brackets. For example: [⇒ \*\*\*Cross References\*\*\* \(1-2\)](#).

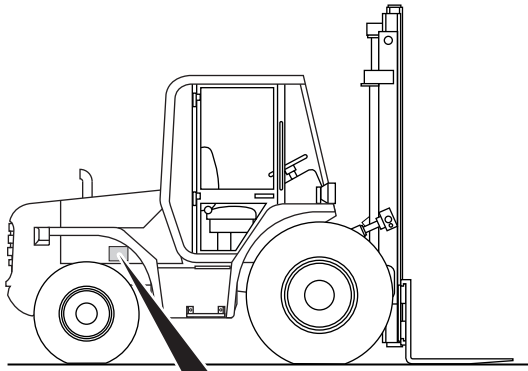
### Identifying Your Machine

#### Machine Identification Plate

Your machine has an identification plate mounted as shown. ⇒ Fig 2. (□ 1-3). The serial numbers of the machine and its major units are stamped on the plate.

The serial number of each major unit is also stamped on the unit itself. If a major unit is replaced by a new one, the serial number on the identification plate will be wrong. Either stamp the new number of the unit on the identification plate, or simply stamp out 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.



		JCB COMPACT PRODUCTS LIMITED HAREWOOD ESTATE, LEEK ROAD, CHEADLE, STOKE ON TRENT, UNITED KINGDOM, ST10 2JU CONSTRUCTOR		
VIN Vehicle Identification Number		PIN Product Identification		
ENGINE SERIAL NUMBER		FRONT AXLE SERIAL NUMBER		
TRANSMISSION SERIAL NUMBER		REAR AXLE SERIAL NUMBER		
WEIGHT kg	YEAR OF CONST	ENGINE POWER kW @ RPM		
		SALES SPECIAL NUMBER		
MACHINE TYPE	HOMOLOGATION NUMBER			

Fig 2.

#### Typical Vehicle Identification Number (VIN)

SLP	930	04	6	E	0123456
1	2	3	4	5	6

1 World Manufacturer Identification (3 Digits)

SLP = JCB

2 Machine Model (3 Digits)

3 Drive Type

02 = 2 Wheel Drive

04 = 4 Wheel Drive

4 Year of Manufacture

5 = 2005

7 = 2007

6 = 2006

8 = 2008

5 Manufacturer Location (1 Digit)

E = England

6 Machine Serial Number (7 Digits)

Each machine has a unique serial number.



### Component Identification Plates

#### Typical Engine Identification Number

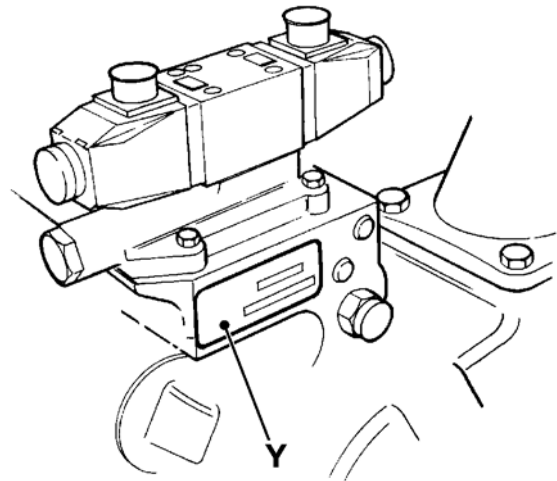
For information on the Engine Identification Number refer to **Section K, Technical Information**.

#### Transmission Identification Numbers

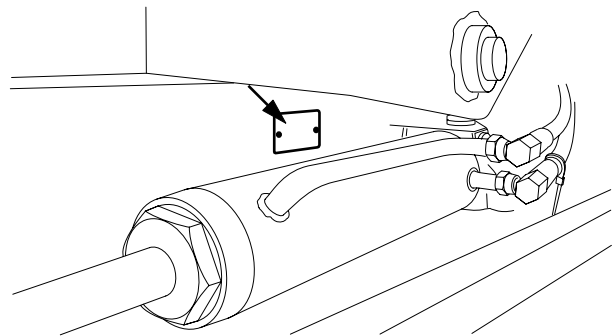
The transmission serial number is stamped on label Y which is mounted on the front face. ⇒ [Fig 3. \(□ 1-5\)](#).

The front axle serial number is also stamped on a plate mounted to the front of the left hand axle arm. ⇒ [Fig 4. \(□ 1-5\)](#).

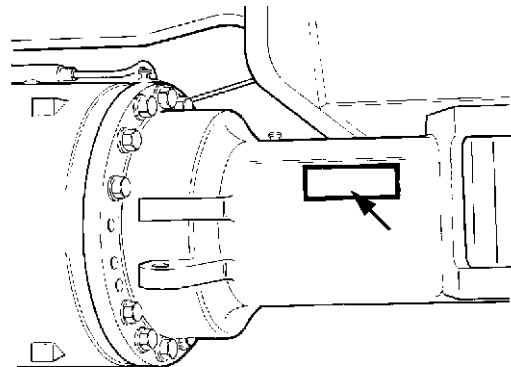
Four Wheel Drive Models: The rear axle serial number is also stamped on a plate mounted to the left hand front face of the axle. ⇒ [Fig 5. \(□ 1-5\)](#).



**Fig 3. Transmission**



**Fig 4. Front Axle**



**Fig 5. Rear Axle (Four Wheel Drive Models)**



### FOPS Certification Plate

**F.O.P.S. CERTIFICATION**  
THIS OVERHEAD GUARD COMPLIES WITH  
ANSI B56.6 AND F.E.M. (FEDERATION EUROPEAN  
MANUTENTION) SECTION IV. INDUSTRIAL TRUCKS  
(POINT 13.1)

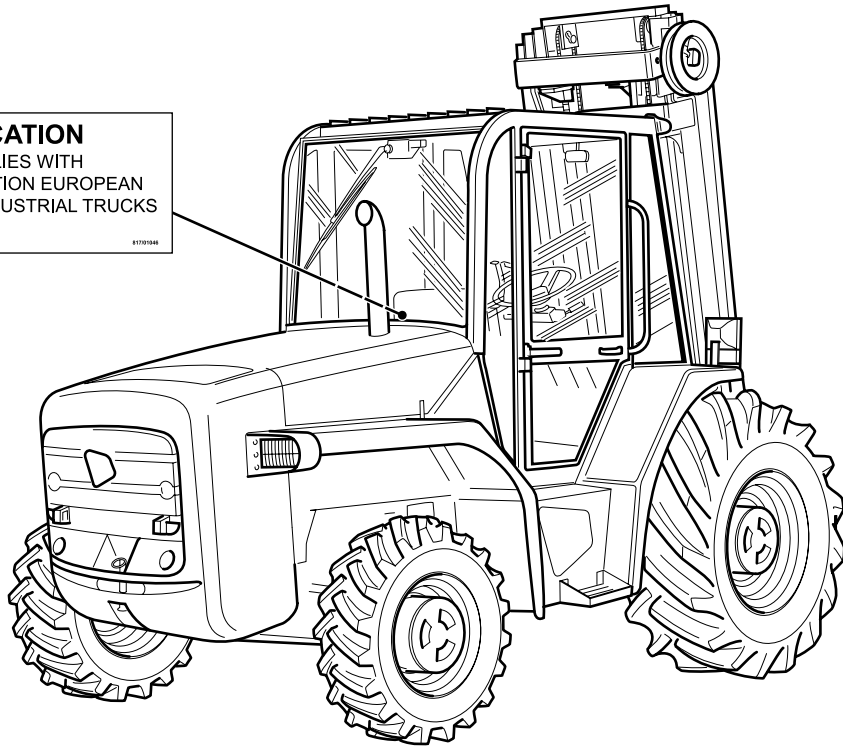


Fig 6.

Machines built to FOPS standards have an identification label fitted to the inside of the cab.

Definition of terms:

FOPS = Falling Objects Protection Structure

# 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](#) (1-7).

**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:

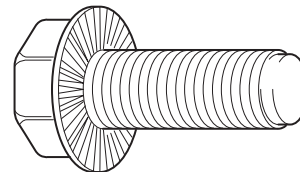
#### Condition 1

- 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	98.0	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	mm			
M3	3	2.0	0.2	1.5
M4	4	6.0	0.6	4.5
M5	5	11.0	1.1	8.0
M6	6	19.0	1.9	14.0
M8	8	46.0	4.7	34.0
M10	10	91.0	9.3	67.0
M12	12	159.0	16.2	117.0
M16	16	395.0	40.0	292.0
M18	18	550.0	56.0	406.0
M20	20	770.0	79.0	568.0
M24	24	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
	in.			
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

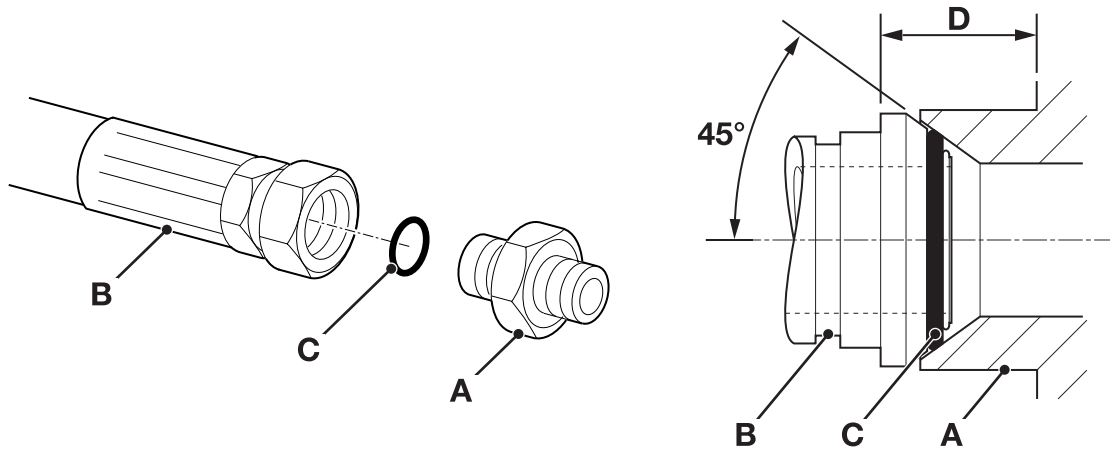


Fig 2.

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 - 16.00	1.4 - 1.6	10.3 - 11.8
1/4		24.0 - 27.0	2.4 - 2.7	17.7 - 19.9
3/8		33.0 - 40.0	3.4 - 4.1	24.3 - 29.5
1/2		44.0 - 50.0	4.5 - 5.1	32.4 - 36.9
5/8		58.0 - 65.0	5.9 - 6.6	42.8 - 47.9
3/4		84.0 - 92.0	8.6 - 9.4	61.9 - 67.8
1		115.0 - 126.0	11.7 - 12.8	84.8 - 92.9
1 1/4		189.0 - 200.0	19.3 - 20.4	139.4 - 147.5
1 1/2		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

<b>BSP Size</b>			
<b>in.</b>	<b>Nm</b>	<b>kgf m</b>	<b>lbf ft</b>
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

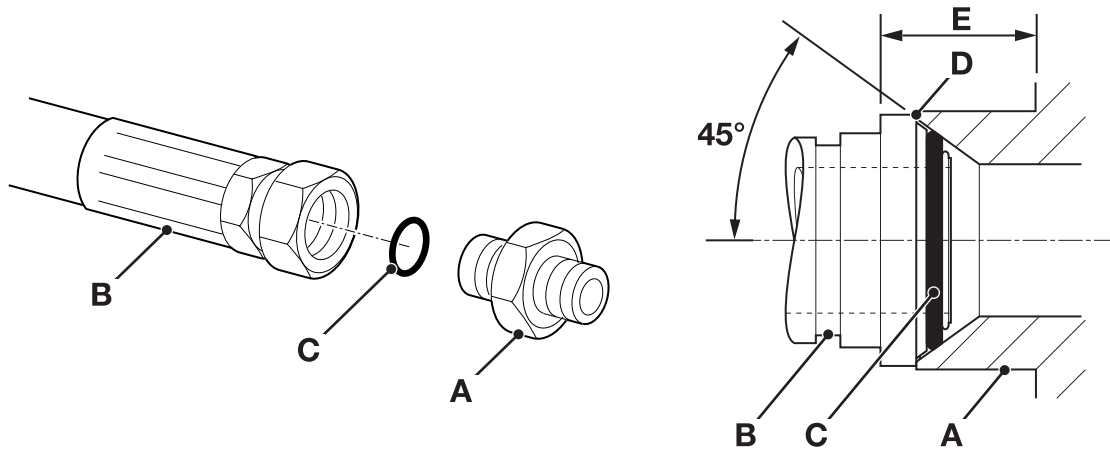


Fig 3.

'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
	in.			
1/8		14.0	1.4	10.0
1/4		27.0	2.7	20.0
3/8		40.0	4.1	30.0
1/2		55.0	5.6	40.0
5/8		65.0	6.6	48.0
3/4		95.0	9.7	70.0
1		120.0	12.2	89.0
1 1/4		189.0	19.3	140.0
1 1/2		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, refer to **Tool Detail Reference, Section 1**.

**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
-	Bearing Adapters - see <b>Tool Detail Reference (Section 1)</b> for content	F
-	Bonded Washers - see <b>Tool Detail Reference (Section 1)</b> for content	E
-	Female Cone Blanking Caps - see <b>Tool Detail Reference (Section 1)</b> for content	E
-	Female Connectors - see <b>Tool Detail Reference (Section 1)</b> for content	E
-	Gearbox Removal Fixture - see <b>Tool Detail Reference (Section 1)</b> for content	F
-	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
-	'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
4104/1310	Hand Cleaner	B
892/00039	Spool Clamp	E
892/00041	De-glazing Tool	K
892/00137	Micro-Bore Hose	E
892/00167	Ram Protection Sleeve for 90mm Rod Diameter	E
892/00179	Bearing Press	F
892/00180	Seal Fitting Tool	E
892/00181	Plastic Boss	H
892/00223	Hand Pump	E
892/00237	Flow Test Adapter complete - see <b>Tool Detail Reference (Section 1)</b> for content	F
892/00253	Hydraulic Circuit Pressure Test Kit - see <b>Tool Detail Reference (Section 1)</b> for content	E



## Section 1 - General Information Service Tools

Numerical List

Part Number	Description	See Section
892/00254	Hose	E
892/00262	Test Point 1/4" in BSP	E
892/00271	Adapter	E
892/00272	Adapter	E
892/00273	Adapter	E
892/00274	Adapter	E
892/00275	Adapter	E
892/00276	Adapter	E
892/00277	Adapter	E
892/00278	Gauge 0-40 Bar	E
892/00279	Gauge 0-400 Bar	E
892/00280	Gauge 0-600 Bar	E
892/00284	Digital Tachometer	C
892/00285	Hyd. Oil Temperature Probe	C
892/00295	End Float Setting Tool	F
892/00298	Fluke Meter	C
892/00301	Flow Test Adapter	F
892/00302	Flow Test Adapter	F
892/00304	Flow Test Adapter	F
892/00333	Heavy Duty Socket	F
892/00334	Ram Seal Fitting Tool	E
892/00346	Gauge 0-70 Bar	E
892/00347	Connector	E
892/00706	Test Probe	E
892/00817	Heavy Duty Socket	F
892/00818	Heavy Duty Socket	F
892/00819	Heavy Duty Socket	F
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
892/00916	Clutch Pack Spring Compressor	F
892/00918	Spacer Setting Tool Kit - see <b>Tool Detail Reference (Section 1)</b> for content	F
892/00921	Torque Converter Alignment Bar	F



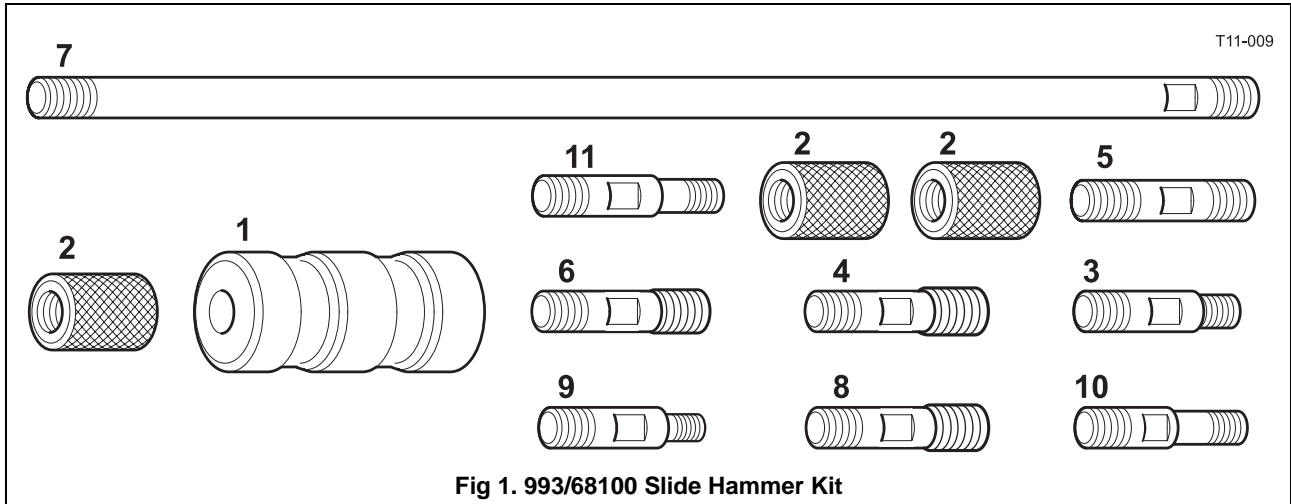
## Section 1 - General Information Service Tools

Numerical List

Part Number	Description	See Section
892/00923	Test Block for A.R.V.	E
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
921/52600	Spacer Kit - see <b>Tool Detail Reference (Section 1)</b> for content	F
926/15500	Rubber Spacer Blocks	B
992/02800	ARV Extractor	E
992/04000	Torque Multiplier	F
992/04800	Flange Spanner	F
992/7603	Replacer Bearing Cap	F
992/09300	Hexagon Spanner 55mm A/F	E, H
992/09400	Hexagon Spanner 65mm A/F	E, H
992/09500	Hexagon Spanner 75mm A/F	E, H
992/09600	Hexagon Spanner 85mm A/F	E, H
992/09700	Hexagon Spanner 95mm A/F	E, H
992/09900	Hexagon Spanner 115mm A/F	E, H
992/10000	Hexagon Spanner 125mm A/F	E, H
992/10100	Spool Clamp	E
992/12300	12V Mobile Oven	B
992/12400	24V Static Oven (2 Cartridge)	B
992/12800	Cut-Out Knife	B
992/12801	'L' Blades	B
993/68100	Slide Hammer Kit - see <b>Tool Detail Reference (Section 1)</b> for content	B
993/70111	Breakback Torque Wrench	F

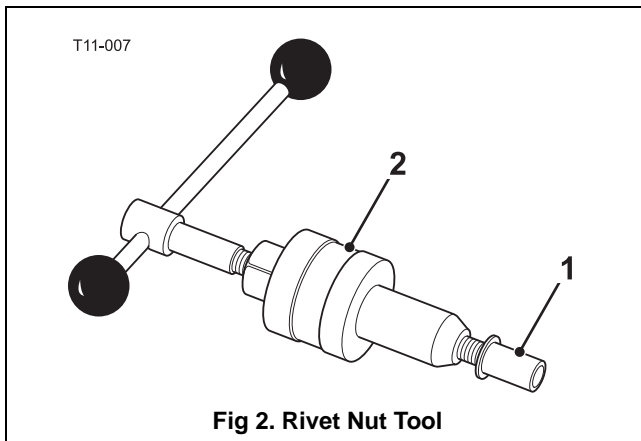
**Tool Detail Reference**

**Section B - Frame and Bodywork**



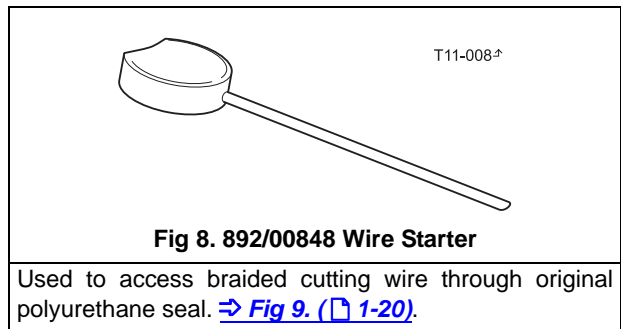
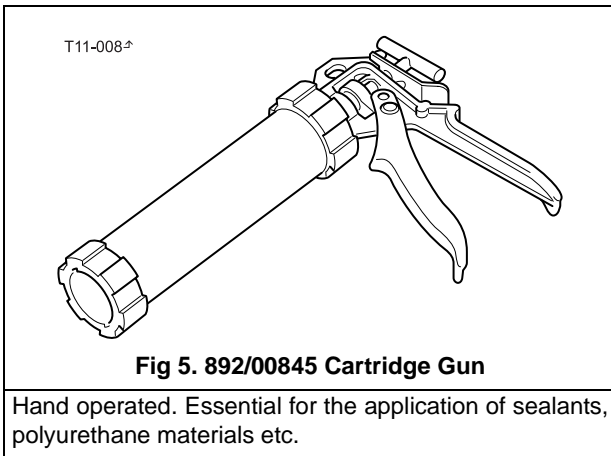
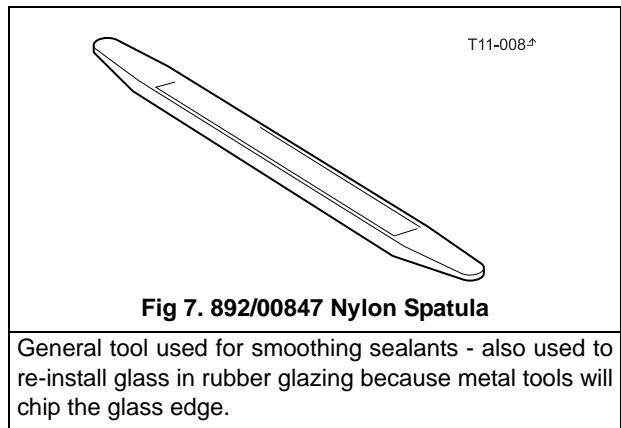
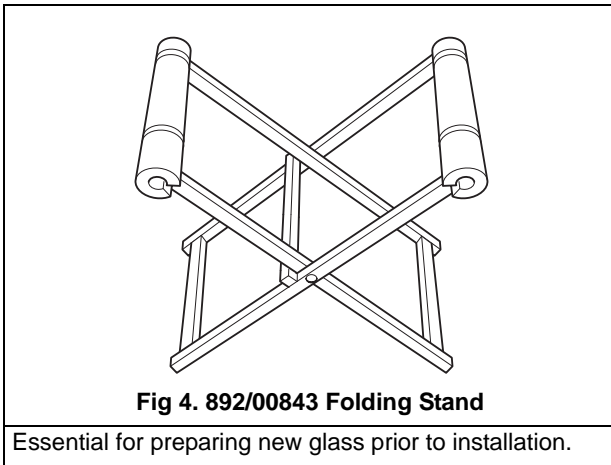
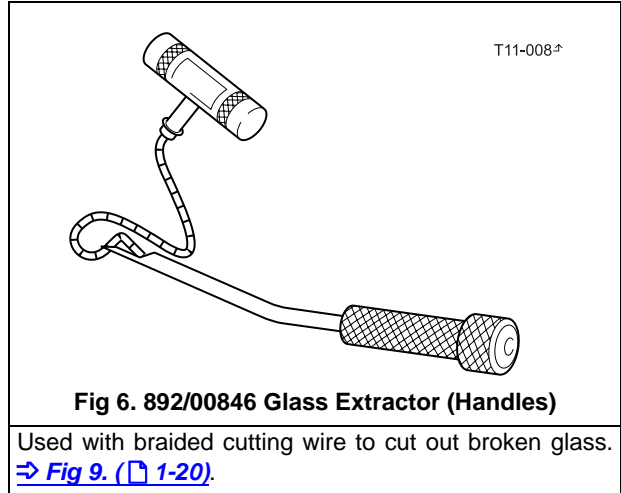
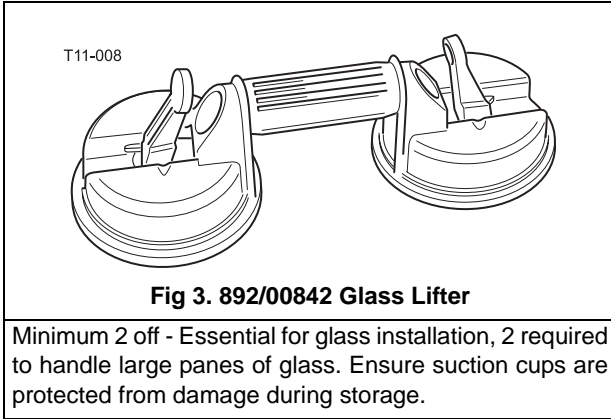
**Fig 1. 993/68100 Slide Hammer Kit**

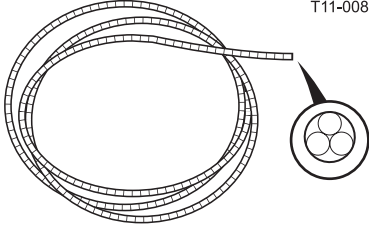
1	993/68101	Slide Hammer	7	993/68107	Bar - M20 x M20 X 800 mm
2	993/68102	End Stops	8	993/68108	Adaptor - M20 x 7/8" UNF
3	993/68103	Adaptor - M20 x 5/8" UNF	9	993/68109	Adaptor - M20 x M12
4	993/68104	Adaptor - M20 x 1" UNF	10	993/68110	Adaptor - M20 x 5/8" UNF (Shoulder)
5	993/68105	Adaptor - M20 x M20	11	993/68111	Adaptor - M20 x 1/2" UNF
6	993/68106	Adaptor - M20 x M24			



**Fig 2. Rivet Nut Tool**

1	826/01099	M6 x 16 mm Rivet Nut
	826/01101	M6 x 19 mm Rivet Nut
	826/01102	M8 x 18 mm Rivet Nut
	826/01103	M8 x 21 mm Rivet Nut
	826/01104	M10 x 23 mm Rivet Nut
	826/01105A	M10 x 26 mm Rivet Nut
2	-	Installation Tool available from: Bollhoff Fastenings Ltd ( <a href="http://www.bollhoff.com">www.bollhoff.com</a> )

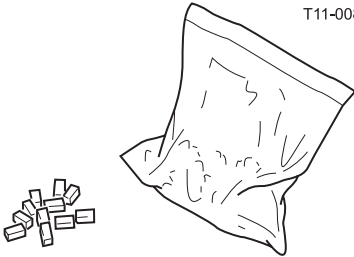




T11-008<sup>±</sup>

**Fig 9. 892/00849 Braided Cutting Wire**

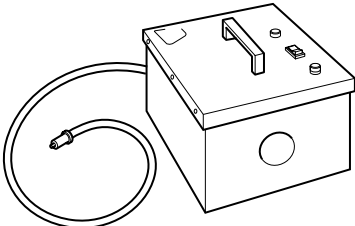
Consumable heavy duty cut-out wire used with the glass extraction tool. ⇒ [Fig 6.](#) (□ 1-19). Approx 25 m length.



T11-008<sup>±</sup>

**Fig 10. 926/15500 Rubber Spacer Blocks**

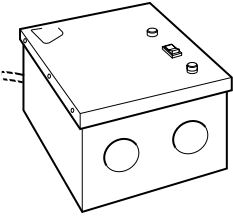
Used to provide the correct set clearance between glass edge and cab frame. Unit quantity = 500 off.



T11-008<sup>±</sup>

**Fig 11. 992/12300 Mobile Oven 12V**

1 cartridge capacity. Required to pre-heat adhesive prior to use. It is fitted with a male plug (703/23201) which fits into a female socket (715/04300).

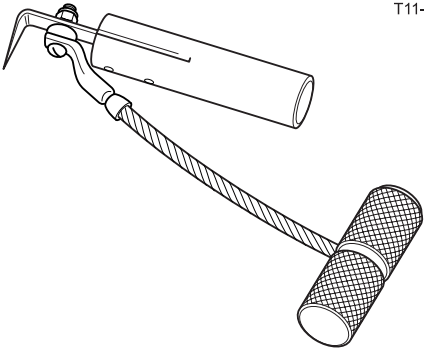


T11-008<sup>±</sup>

**Fig 12. 992/12400 Static Oven 240V**

Required to pre-heat adhesive prior to use. No plug supplied.

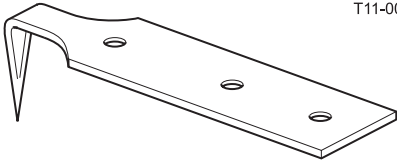
**Note:** 110V models available upon request - contact JCB Technical Service.



T11-008<sup>±</sup>

**Fig 13. 992/12800 Cut-Out Knife**

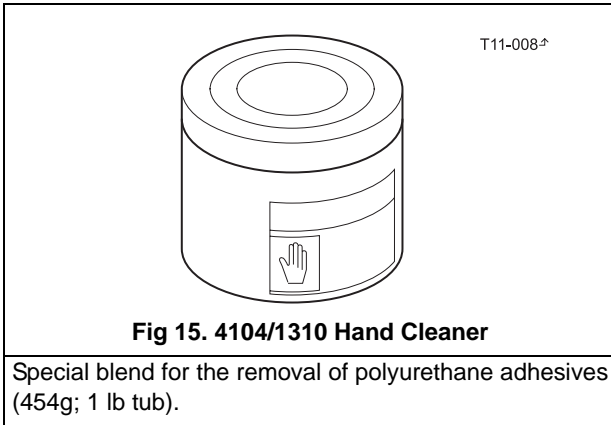
Used to remove broken glass.



T11-008<sup>±</sup>

**Fig 14. 992/12801 'L' Blades**

25 mm (1 in.) cut. Replacement blades for cut-out knife. ⇒ [Fig 13.](#) (□ 1-20). Unit quantity = 5 off.







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