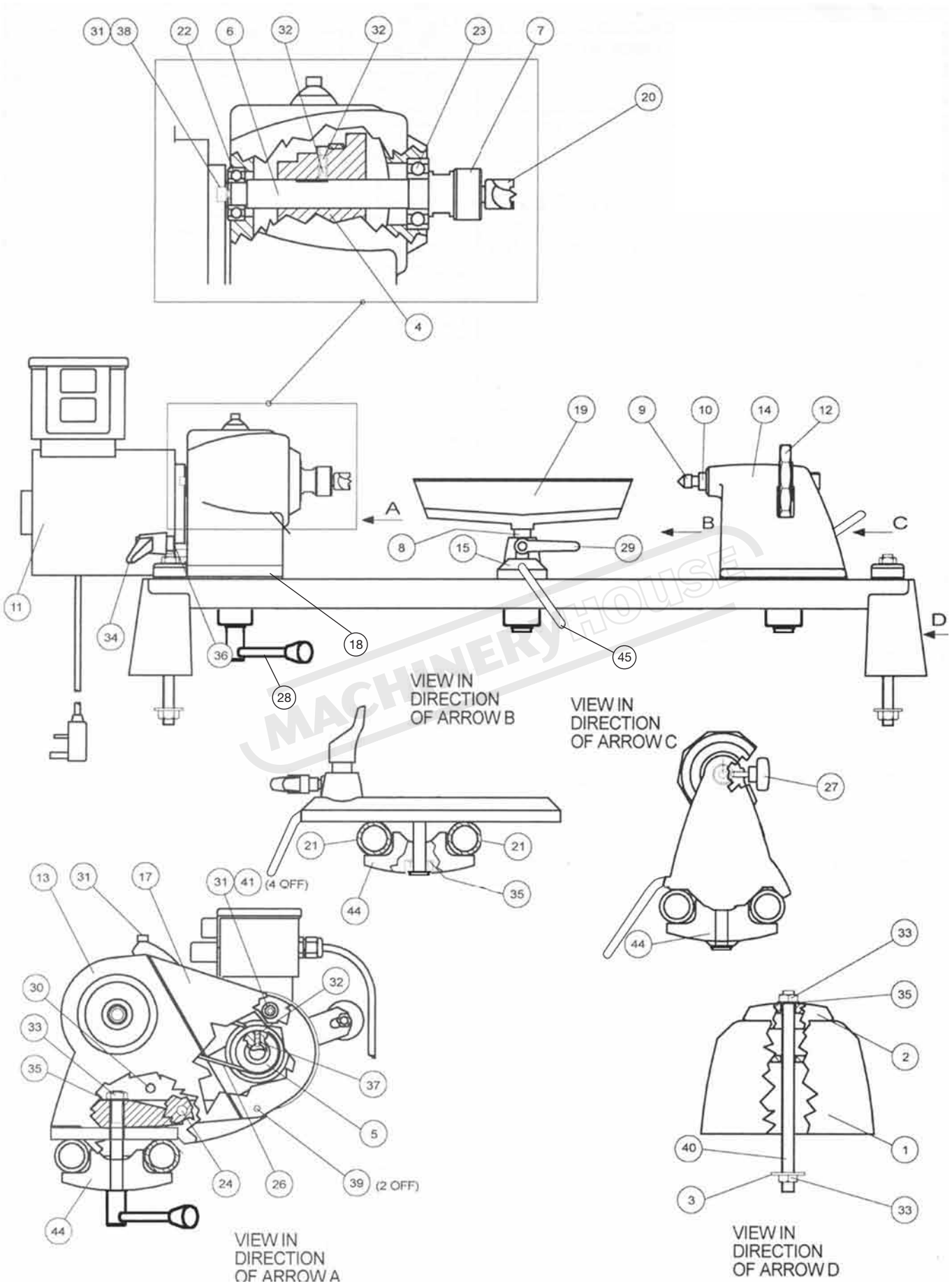
12. Spare Part Identification



13. Spare Part Identification - cont.

ITEM No.	PART No.	DESCRIPTION	QTY
1	**ZBD**	End bracket	2
2	**ZBH**	Angle strap	2
3	**ZAES**	Washer – M12 large	2
4	**CKSM**	Spindle pulley – 4 speed	1
5	**CKMM**	Motor pulley – 4 speed	1
6	**ZBQ**	Main spindle	1
7	**ZCP**	Thread protector	1
8	**ZBW**	Toolrest stem	1
9	**ZPN**	90º Back centre	1
10	**ZBR**	Tailstock barrel	1
11	**BOPM**	Motor Plate,	1
		Switch, Cable & Plug (U.K.)	
		For replacement for other than U.K. please specify	
12	**ZBA**	Handwheel	1
13	**CKHS**	Headstock	1
14	**ZBC-CAM**	Tailstock	1
15	**ZBE-CAM**	Tool rest base	1
17	**ZBJ**	Belt guard	1
18	**CKSS**	Saddle	1
19	**ZCF**	10″ Toolrest	1
20	**ZPI**	5/8″ 2 Prong centre	1
21	**CKBT**	Bed bar	2
22	**ZABD**	Bearing – 6202ZZ	1
23	**ZABE**	Bearing – 6204ZZ	1
24	**ZBS**	Motor plate pivot	1
25	**ZCA**	Pry bar #	1
26	**ZBO**	Poly V-belt, 4 rib	1
27	**CLKB**	M6 Dog point knob	1
28	**BOBT**	Locking Handle M12 Male	2
29	**CLRC**	M8 Ratchet handle - Toolrest	1
30	**ZABI**	M10 x 35mm Threaded bar	1
31	**ZABK**	M6 x 18mm Socket head cap screw	6
32	**ZABL**	M6 x 8mm Socket grub screw	3
33	**ZABM-C**	Nut – M12	5
34	**CLRG**	M10 Ratchet handle	1
35	**ZABO**	Washer – M12	7
36	**ZABP**	Washer – M10	1
37	**ZABR**	M6 x 10mm dog point grub screw	1
38	**ZABS**	Bellville washer	1
39	**ZABT**	M6 x 20mm Sellock pin	3
40	**BOAF**	M12 x 210mm Threaded bar	2
41	**ZAEW**	Washer – M6	4
42	**ZACJ**	3mm Hexagonal wrench #	1
43	**ZADA**	5mm Hexagonal wrench #	1
44	**CKPS**	Square strap	2
45	**BOBT**	Locking Handle M12 Female	1
46	**CKCB**	M12 x 80mm Cup Square	1
47	**ZZBU**	Bush	2

Not illustrated in parts diagram.

MACHINERYHOUSE

14. Electrical Connection & Wiring Diagram

Machines supplied for use in the UK are fitted with a 3 pin plug conforming to BS1363, fitted with a fuse conforming to BS1362 and appropriate to the current rating of the machine.

Machines supplied for use in other countries within the European Union are fitted with a 2 pin Schuko plug conforming to CEE 7/7.

Machines supplied for use in Australia & New Zealand are fitted with a 3 pin plug conforming to AS/NZS3112.

In all cases, if the original plug or connector has to be replaced for any reason, the wires within the mains power cable are colour coded as follows:

230 V (Single Phase)

Brown:	Live (L)
Blue:	Neutral (N)
Green and Yellow:	Earth (E)

The wire coloured brown must always be connected to the terminal marked 'L' or coloured red.

The wire coloured blue must always be connected to the terminal marked 'N' or coloured black.

The wire coloured green and yellow must always be connected to the terminal marked 'E' or with the earth symbol:

or coloured green / green and yellow.

It is important that the machine is effectively earthed. Some machines will be clearly marked with the double insulated logo:

In this case there will not be an earth wire within the circuit.

In the case of the BS1363 plug for use in the UK, always ensure that it is fitted with a fuse conforming to BS1362 appropriate to the rating of the machine. If replacing the original fuse, always fit a fuse of equivalent rating to the original. Never fit a fuse of a higher rating than the original. Never modify the fuse or fuse holder to accept fuses of a different type or size.

Where the current rating of the machine exceeds 13 A at 230 V, or if the machine is designated for use on a 400 V 3 phase supply a connector conforming to BS4343 (CEE17 / IEC60309) will be used.

230 V machines will be fitted with a blue 3 pin connector. The wiring for this type of this connector will be the same as shown above.

400 V, 3 phase machines will be fitted with a red 4 or 5 pin connector. The wiring for this type of connector is as shown below:

400 V (3 phase)

Brown:	Live (L1)
Black:	Live (L2)
Grey:	Live (L 3)
Blue:	Neutral (N)
Green and Yellow:	Earth (E)

The wire coloured brown must always be connected to the terminal marked 'L1'.

The wire coloured black must always be fitted to the terminal marked 'L2'.

The wire coloured grey must always be connected to the terminal marked 'L3'.

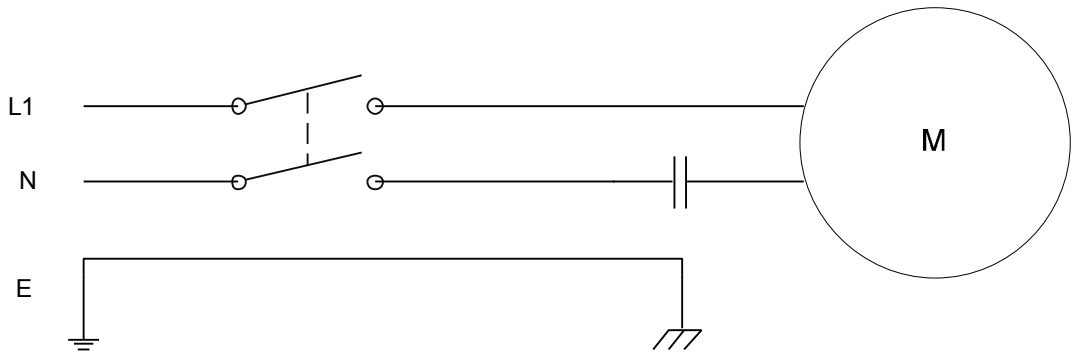
The wire coloured blue must always be connected to the terminal marked 'N' or coloured black.

The wire coloured green and yellow must always be connected to the terminal marked 'E' or with the earth symbol

If in doubt about the connection of the electrical supply, always consult a qualified electrician.

MACHINERY HOUSE

DML36SH-CAM Wiring Diagram



L1 = Live (Brown)

N = Neutral (Blue)

E = Earth (Yellow / Green)

15. DML-BR Bowl Turning Attachment Assembly

Warning: Ensure that the power supply to the lathe is turned off and disconnected before starting the conversion of your existing lathe.

1. Check items supplied against **Fig 15.1** shown before proceeding with conversion of the lathe.

2. Clear unnecessary items from the area of your lathe to ensure that no parts are lost during the change over.

3. Unlock headstock clamp and slide the assembly towards the tailstock end of the bed tubes, **Fig 15.2**.

4. Release M12 nut and washer securing end bracket, **Fig 15.3**.

NOTE: If the lathe is mounted on the DML24S Legstand, the legs must also be removed and refitted to new end bracket.

5. Now Re-attach the DML24S Legstand (if used) to the replacement end bracket, **Fig 15.4**.

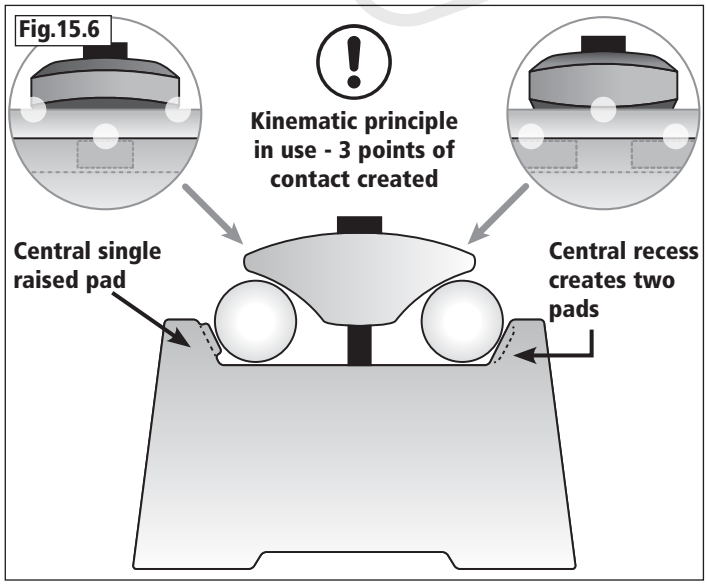
6. Refit bed rails and secure using M12 Nut. Threaded bar and washer, **Fig 15.5**.

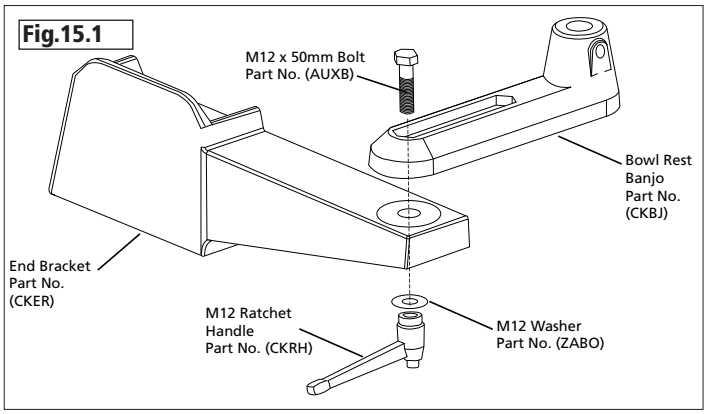
7. Check bed rails for alignment as outlined in **section 6** before proceeding.

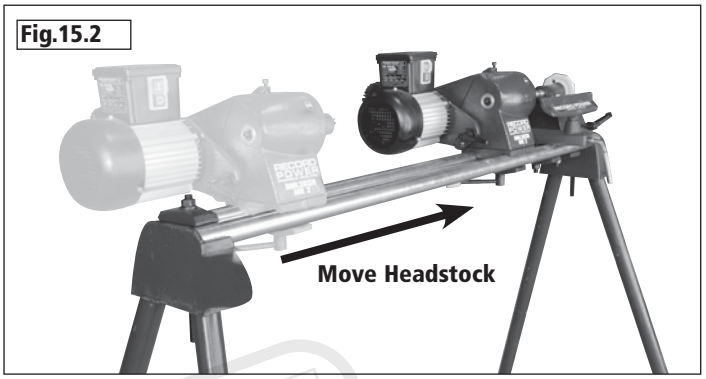
8. Secure Bowl Rest Banjo to End Bracket using M12 x 50mm Bolt, Washer and M12 Ratchet Handle.

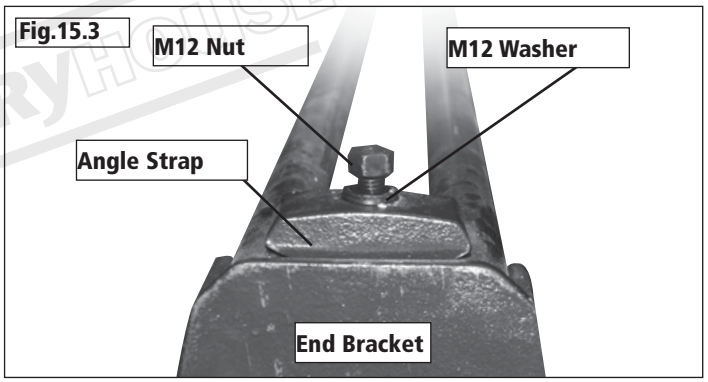
9. Adjust banjo/toolrest to suit your workpiece. Your bowl rest is now ready for use.

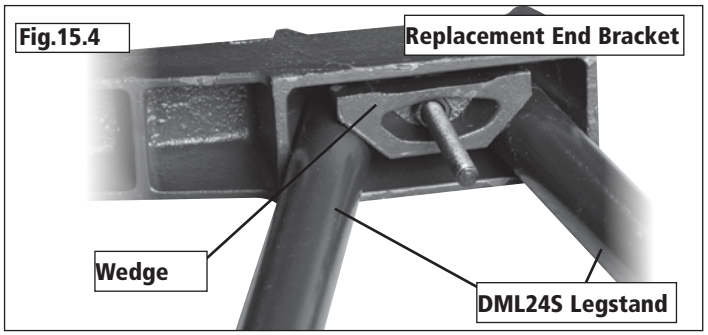
Please note: When re-assembling the lathe, ensure the kinematic points are assembled in the correct configuration. See Fig 15.6.

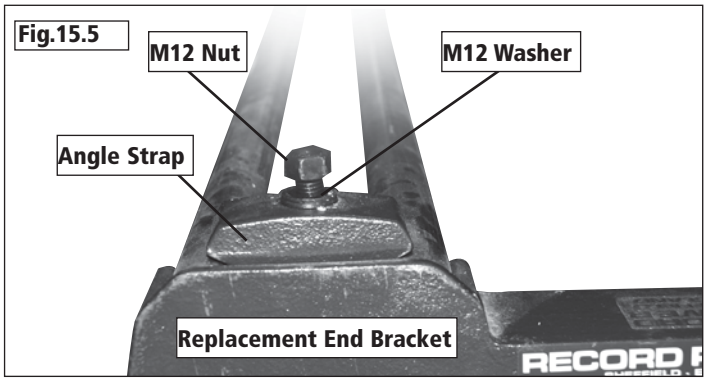












MACHINERYHOUSE

EU Declaration of Conformity

Cert No: EU / DML36SH-CAM / 1

RECORD POWER LIMITED, Unit B, Adelphi Way, Ireland Industrial Estate, Staveley, Chesterfield, Derbyshire S43 3LS declares that the machinery described:-

1. Type: Professional Woodturning Lathe

2. Model No: DML36SH-CAM

3. Serial No .....

Conforms with the following directives:-

MACHINERY DIRECTIVE	2006/42EC
LOW VOLTAGE DIRECTIVE	2006/95EC
ELECTROMAGNETIC COMPATIBILITY DIRECTIVE and its subsequent amendments	2004/108EC EN55014-1:2006 EN55014-2:1997+A1 EN61000-3-2:2006 EN61000-3-3:1995+A1+A2

CE

and complies with the relevant essential health and safety requirements.

Signed ..... Dated: 01.10.2012

Andrew Greensted

Managing Director