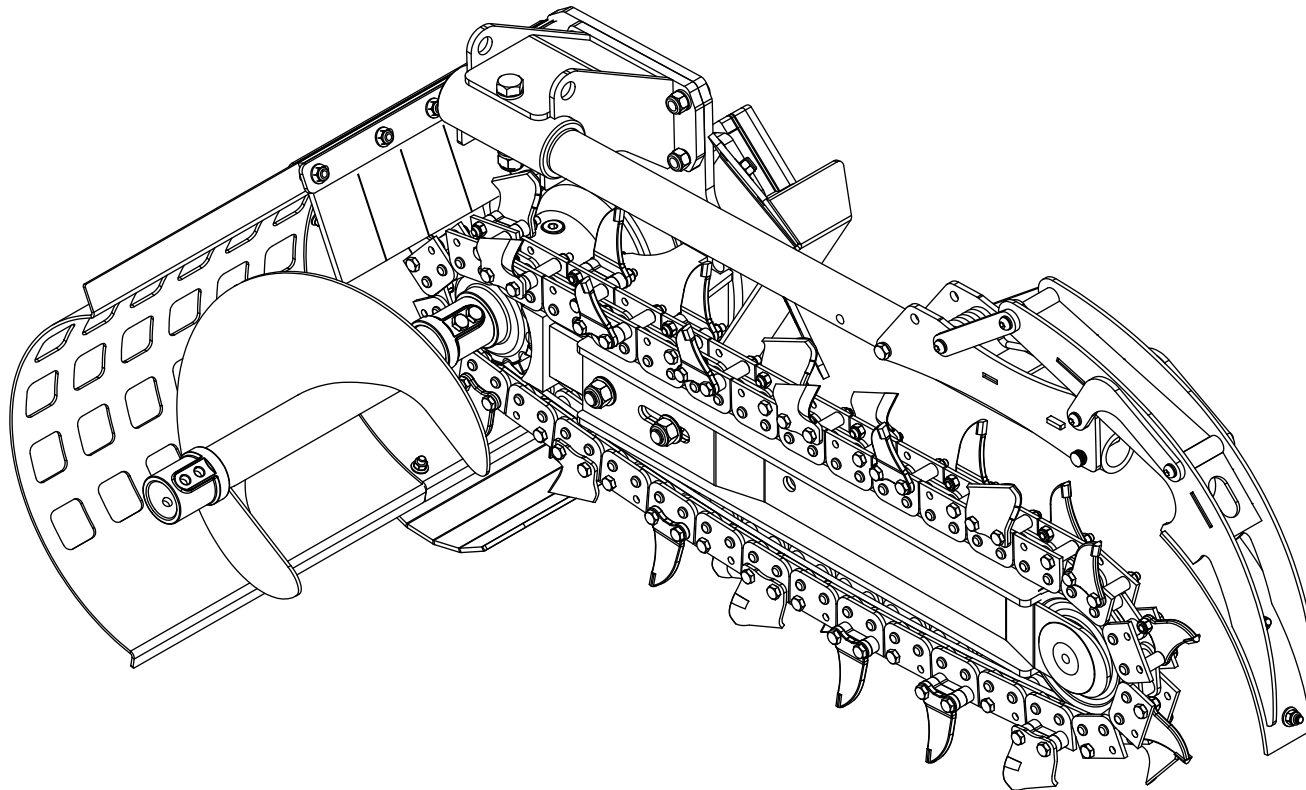


# MT48 Trencher - Parts List

From Serial Number 450920001





# MT48 Trencher - Parts List



From Serial Number 450920001

## FOREWORD

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## SAFETY

Auger Torque Earth Drill Units have been designed for use with specific Auger Torque mounting frames, Augers, Auger extensions and Auger wear parts. Provided these are used and maintained correctly, they will provide a safe and reliable method of boring holes in the earth.

Use of this product following unauthorised modifications or repairs, use by untrained personnel, by implementing unsafe systems of work, by making modifications to product supplied or through operation in any manner not intended by Auger Torque could result in death, serious injury, damage to property or the product itself, and will invalidate any product validation or warranty. Auger Torque accepts no responsibility whatsoever for such modifications, repair or use.

## WARRANTY

Auger Torque is not responsible for nor will accept any charges for work carried out by any unauthorised repairers. Charges, including those for spare parts, will not be accepted unless they have been authorised in writing by Auger Torque.

Any goods returned to Auger Torque by the customer, under warranty or for repair, must be freight paid unless authorised in writing by Auger Torque.

For full terms and condition see:-

[www.augertorque.com/about-us/warranties.html](http://www.augertorque.com/about-us/warranties.html)

## CONTACT DETAILS

Please contact your local dealer / distributor via our website

**[www.augertorque.com/dealer-locator.html](http://www.augertorque.com/dealer-locator.html)**

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# MT48 Trencher - Parts List

From Serial Number 450920001

## THE MACHINERY DIRECTIVE

The Machinery Directive 2006/42/EC (formerly 98/37/EEC) provides the harmonisation of the essential health and safety requirements for machinery, through a combination of mandatory health and safety requirements and voluntary harmonised standards. Such directives apply only to products that are intended to be placed on or put into service in the market for the first time.

The manufacturer or the authorised representative must draw up a 'Declaration of Conformity'.

## Declaration of Conformity

Where Earth Drill Units are supplied in conjunction with Auger Torque manufactured mounting frames and Augers to form an Earth Drill Assembly, Auger Torque have control over the suitability of the parts supplied. To show this and meet with the lawful requirements of the Machinery Directive a Declaration of Conformity is issued and a CE mark is applied to the assembly.

## SYMBOLS AND ABBREVIATIONS

The symbols that follow are used within this publication



Safety Glasses to be worn



Gloves/hand protection to be used



Safety shoes to be worn



Torque Tightening required



Thread treatment required



Refer to Interchangeability Chart

# MT48 Trencher - Parts List



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## ILLUSTRATED PARTS LIST.

- A The Illustrated Parts List helps the supply procedure and the identification of replacement component parts.
- B The Detailed Parts List is divided into seven columns:
- The first column gives the item number of each detailed part contained in the illustration. An item number prefixed by a (-), shows that the item is not illustrated.
  - The second column gives the part number by which the item is identified.
  - The third column, gives the description of the component. The description will be preceded by one or more dots (●).
  - The fourth column gives the quantity of each item in the complete assembly.
  - The fifth column shows the torque tightening required for the item.
  - The sixth column shows the thread treatment required for the item.
  - The seventh column makes reference to any additional information required for the part or assembly.
- C Only those items with full dots (●) can be ordered as spares. Items with empty dots (eg ●○) are shown only for clarity of assembly and cannot be ordered as spares.

- D When ordering spare parts please quote the serial number of the Earth Drill, which can be identified from the serial number plate on the top of the unit.

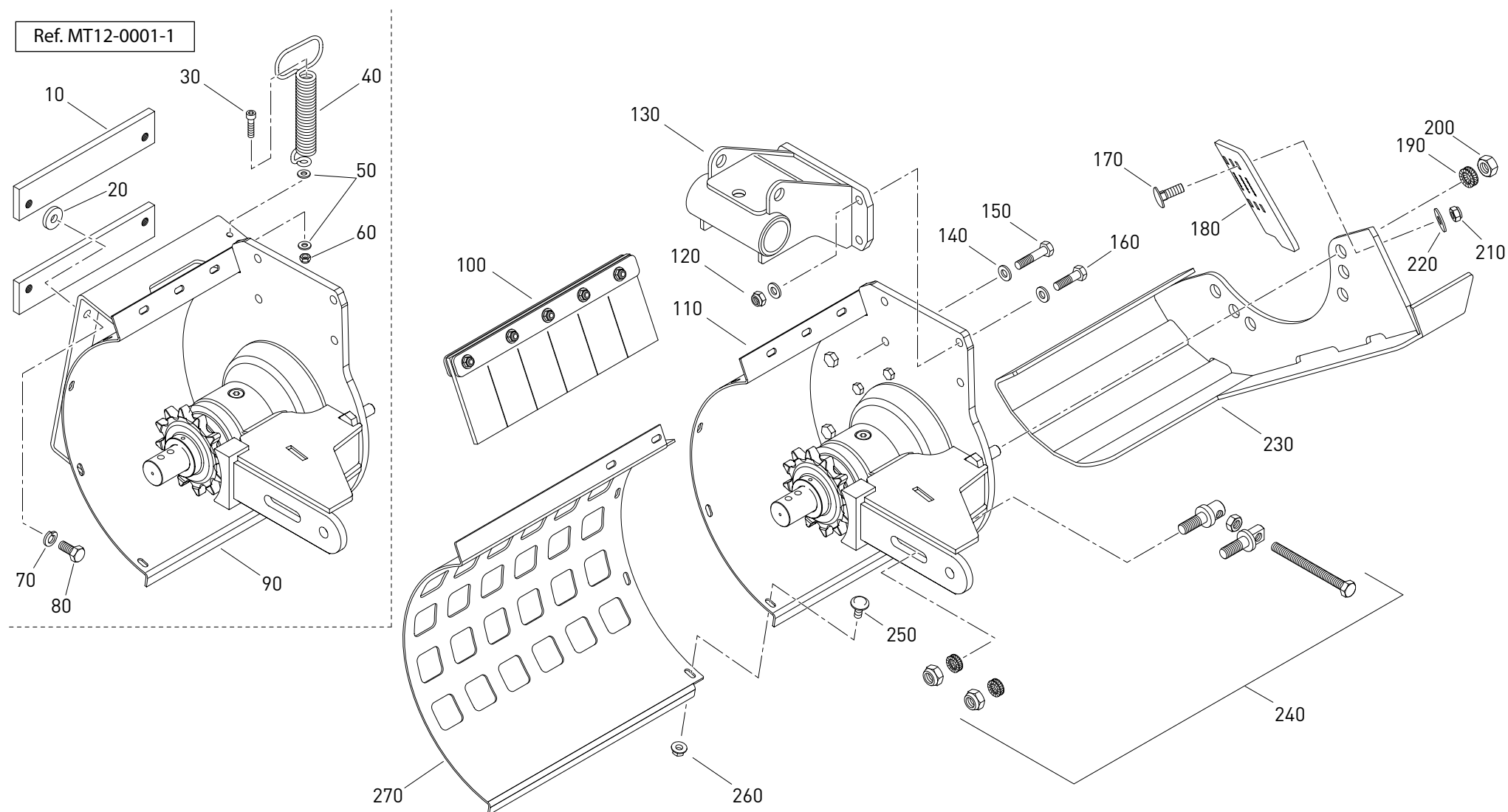
**NOTE: Auger Torque will not accept any liability for incorrect parts that may be supplied because an incorrect serial number has been quoted.**

The abbreviations that follow are used within this publication

AR	As Required
BSP	British Standard Pipe Thread
cc	Cubic Centimeters
Kg	Kilogrammes
L	Litres
LPM	Litres Per Minute
Mm	Millimeters
Nm	Newton Meters
UNC	Unified Coarse Thread
GPM	Gallons Per Minute
G	Gallons
lbs	Pounds
ft-lbs	Foot Pounds

# MT48 Trencher - Parts List

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# MT48 Trencher - Parts List



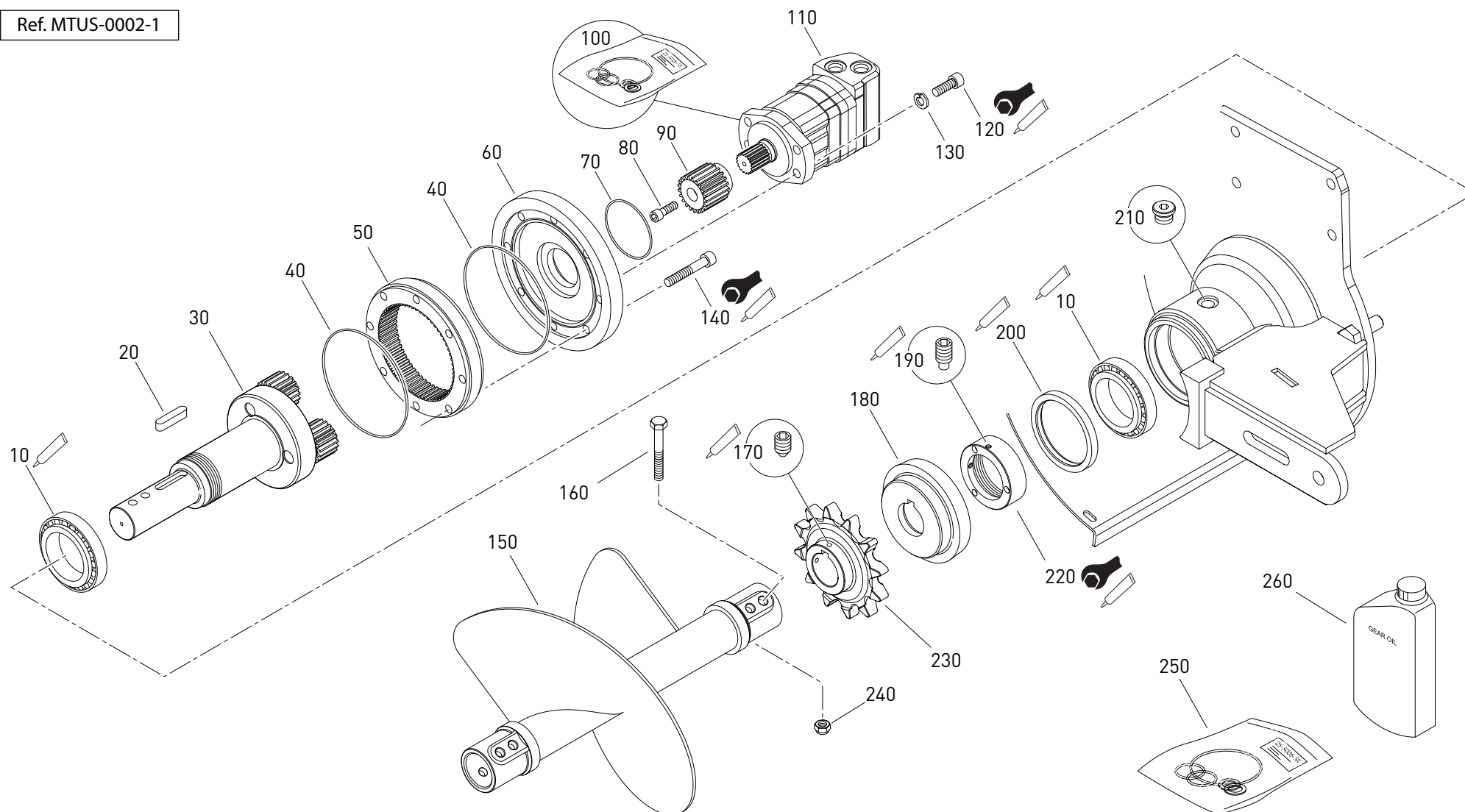
From Serial Number 450920001

ITEM	PART NO.	DESCRIPTION	QTY	TORQUE LOAD	THREAD TREATMENT	NOTES
10	45-1039	• PLATE - CLAMP SIDESHIFT (SKIDSTEER)	2			
20	19-0053-43	• SPACER - SIDESHIFT (SKIDSTEER)	4			
30	99-9134-035-Y	• FIXING - SKT HD CAP M10 x 35 (12.9 Grade) (SKIDSTEER)	1			
40	99-7922	• SPRING HOSE RETAINER (SKIDSTEER)	1			
50	99-9154-P	• FIXING - M10 PLAIN "PENNY" WASHER (SKIDSTEER)	2			
60	99-9184	• FIXING - M10 METRIC NYLOC NUT (SKIDSTEER)	1			
70	99-9166	• FIXING - SPRING WASHER - M16 H/D (SKIDSTEER)	4			
80	99-9125-035	• FIXING - M12 x 35MM - SETSCREW (8.8 Grade) (SKIDSTEER)	4			
90	45-1930	• DRIVE SUB ASSEMBLY - (SKIDSTEER)	1			
100	45-1907	• KIT-RUBBER FLAP/PLATE AND FIXINGS	1			
110	45-1929	• DRIVE SUB ASSEMBLY - (EXCAVATOR/MINI LOADER)	1			
120	99-9186	• FIXING - NUT NYLOC M16 (8.8)	4			
130	45-1912	• DANGER BAR MTG. FAB	1			
140	99-9156	• FIXING - WASHER - M16	8			
150	99-9126-075	• FIXING - M16 x 75MM - BOLT (8.8 Grade)	1			
160	99-9126-060	• FIXING - M16 x 60MM - SETSCREW (8.8 Grade)	3			
170	99-9205-035	• FIXING - M12X35 CUP SQ SETSCREW (DIN603)	2			
180	45-1045	• SKID PLATE MT ADJUSTABLE CHAIN WIDTH 100-200	1			
190	99-9237	• FIXING - WASHER ANTIVIBRATION NORD M20 -SP	2			
200	99-9177	• FIXING - NUT PLAIN M20	2			
210	99-9185	• FIXING - M12 METRIC NYLOC NUT	2			
220	99-9155-P	• FIXING - PENNY WASHER - M12 - FORM G	2			
230	45-1901	• SKID PLATE WELD ASSY	1			
240	42-1902	• BOOM ADJUSTMENT KIT	1			
250	99-9204-025	• FIXING - COACH BOLT M10 X 25 LONG (8.8 Grade)	4			
260	99-9194	• FIXING - NUT FLANGED - M10	4			
270	45-1035	• GUARD - BOLT-ON TRENCHER	1			
						Ref. MT12-0001-1

# MT48 Trencher - Parts List

From Serial Number 450920001

Ref. MTUS-0002-1





# MT48 Trencher - Parts List

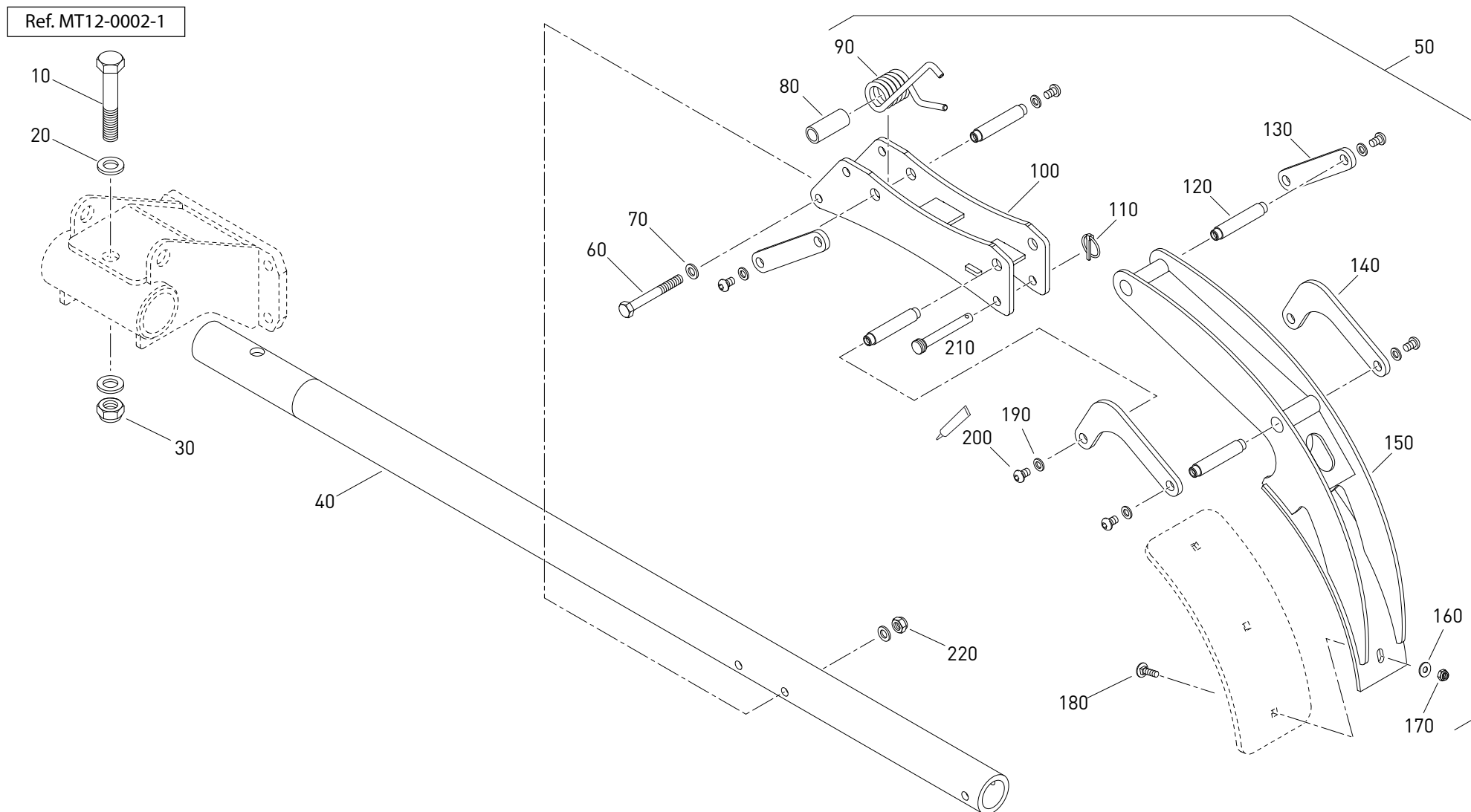


From Serial Number 450920001

ITEM	PART NO.	DESCRIPTION	QTY	TORQUE LOAD	THREAD TREATMENT	NOTES
10	99-1104	• TAPER BEARING 75mm (32015X)	2		LOCTITE 7471, 641	
20	42-1027	• KEY-DRIVE SHAFT - ALL TRENCHERS	1			
30	21-3913	• TRENCHER SHAFT ASSEMBLY - 3.86:1	1			
40	99-1532-V	• O-RING - 162 x 3.0 (SERIES 3 RING)	2			See Seal Kit
50	21-3004	• RING GEAR - 60T - 2.5 MOD.	1			
60	21-3057	• BTM INPUT - TRENCHER DIR. SUN GEAR	1			
70	99-1540-V	• O-RING - 86 ID x 2.5 DIAMETER (Motor seal)	1			See Seal Kit
80	99-9633-100	• FIXING - 3/8" UNC X 1" LONG SOCKET CAP SCREW - BLACK	1			
90	21-3049	• SUN GEAR - 21T - MOTOR MTG.	1			
100	25-2312	• SEAL KIT - MOTOR	1			
110	25-2303	• MOTOR - ATE 80cc - 14T SHAFT	1			
120	99-9135-035	• FIXING - M12 x 35 SOCKET CAP SCREW (12.9 Grade)	4	89-99.5 ft-lbs	LOCTITE 243	
130	99-9165	• FIXING - M12 SPRING WASHER	4			
140	99-9135-075	• FIXING - M12 x 75 SOCKET CAP SCREW (12.9 Grade)	8	89-99.5 ft-lbs	LOCTITE 243	
150	42-1921	• AUGER - DUAL HUB	1			
160	99-9115-090	• FIXING - BOLT - M12 x 90 - BOLT (10.9 Grade)	2			
170	99-9223-010	• SETSCREW -CONE PT- M8 x 10	2		LOCTITE 243	
180	42-1017	• SEAL PROTECTOR (70 Bearing output housing)	1			
190	99-9213-012	• GRUB SCREW - M8X12 SQUARE POINT (14.9 Grade)	2		LOCTITE 243	
200	99-1504	• OIL LIP SEAL - (100 x120 x12)	1		LOCTITE 7471, 515	See Seal Kit
210	21-5071	• 1/2" BSP MAGNETIC PRESSURE PLUG	2			
220	21-3019	• LOCKING NUT M75	1	258 ft-lbs	LOCTITE 209125	
230	42-1033	• SPROCKET - C/W Collar (MINI-T)	1			
240	99-9185	• FIXING - NUT NYLOC M12 (8.8 Grade)	2			
250	SK-21-390	• SEAL KIT - GEARBOX - SERIES 3 - Comprising of items 40,70 &190	1			
260	99-8101	• GEAR OIL - AGMA 6EP - MINERAL (1 Litre Bottle) All units are supplied with 320 viscosity oil, except where the unit is to be or stored in extreme temperatures.	2			2.3 US pints
	99-8104	• GEAR OIL - AGMA 4EP - MINERAL When using or storing the units below -15°C				
	99-8106	• GEAR OIL - AGMA 7EP - MINERAL When using or storing the units above 35°C				
	21-3993	• KIT - DRIVE SUB ASSY - Comprising of items 10 to 80, 110 to 130 & 160 to 220	1			Ref. MTUS-0002-1

# MT48 Trencher - Parts List

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# MT48 Trencher - Parts List



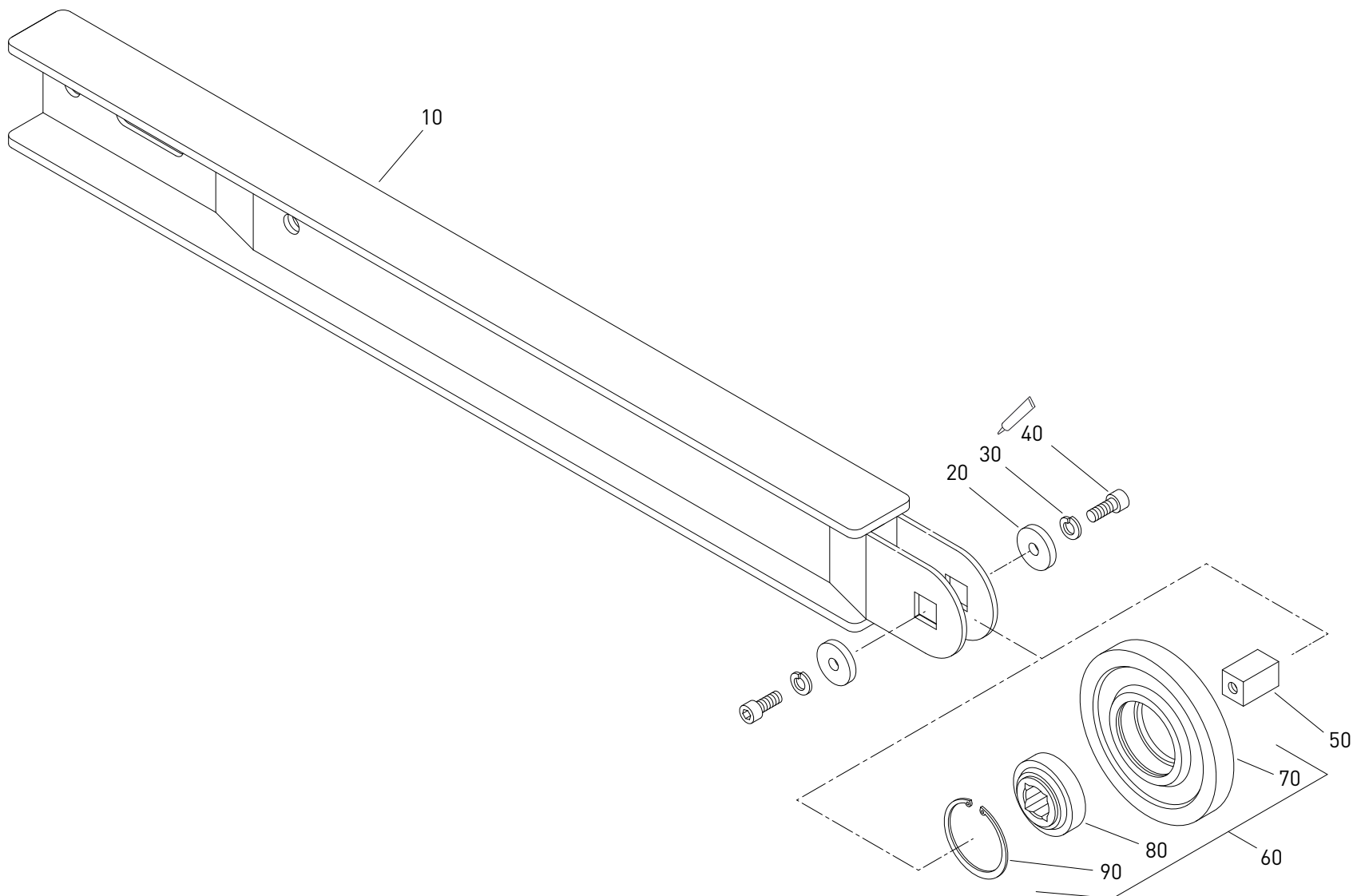
From Serial Number 450920001

ITEM	PART NO.	DESCRIPTION	QTY	TORQUE LOAD	THREAD TREATMENT	NOTES
10	99-9117-120	• FIXING - BOLT M20 X 2.5 X 120 LONG (8.8 Grade)	1			
20	99-9157	• FIXING - M20 PLAIN WASHER	2			
30	99-9187	• FIXING - M20 METRIC NYCLOC NUT (8.8 Grade)	1			
40	45-1026	• DANGER BAR TUBE	1			
50	45-1909	• TRENCH CLEANER ASSEMBLY	1			
60	99-9115-100	• FIXING - BOLT - M12 x 100	1			
70	99-9155	• FIXING - WASHER - M12	2			
80	42-1056	• TUBE - SPRING BUSH	1			
90	43-1102	• SPRING - TRENCHER CLEANER	1			
100	45-1902	• TRENCH CLEANER- PIVOT FAB	1			
110	99-99021	• LINCH PIN - 3545 - 4.5 x 28 x 35	1			
120	42-1045	• PIN - LINK PIVOT TAPPED	4			
130	42-1046	• LINK PLATE - SHORT	2			
140	42-1047	• PLATE - LONG LINK	2			
150	42-1913	• MAIN ARM FAB. (TRENCHER CLEANER)	1			
160	99-9154-P	• FIXING - M10 PLAIN "PENNY" WASHER	3			
170	99-9184	• FIXING - M10 METRIC NYLOC NUT	3			
180	99-9204-035	• FIXING - COACH BOLT M10 X 35 LG	3			
190	99-9154	• FIXING - M10 PLAN WASHER	8			
200	99-9254-16	• FIXING - M10 x 16 SKT HD BUTTON SETSCREW	8		LOCTITE 243	
210	42-1055	• PIN - AUGER RETAINER	1			
220	99-9185	• FIXING - M12 METRIC NYLOC NUT (8.8 Grade)	1			
						Ref. MT12-0002-1

# MT48 Trencher - Parts List

From Serial Number 450920001

Ref. MT12-0003-1



# MT48 Trencher - Parts List



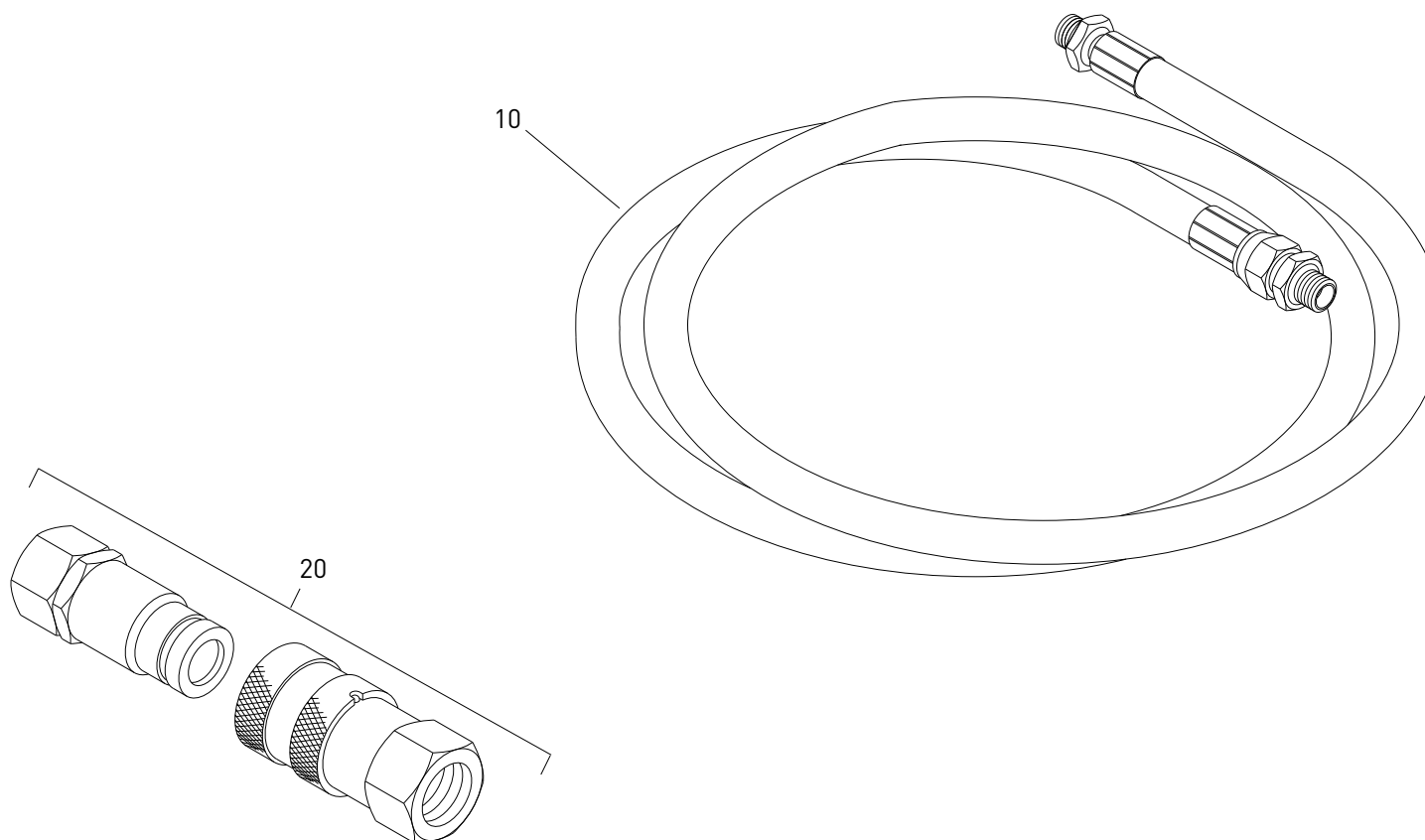
From Serial Number 450920001

ITEM	PART NO.	DESCRIPTION	QTY	TORQUE LOAD	THREAD TREATMENT	NOTES
10	42-1914	● BOOM WELD ASSY	1		LOCTITE 243	
20	42-1024	● WASHER - TRENCHER BOOM NOSE	2			
30	99-9165	● FIXING - SPRING WASHER - M12 H/D	2			
40	99-9135-030	● FIXING - SKT HD CAP M12 x 30	2			
50	42-1025	● PIN SQUARE - NOSE ROLLER (INC MAT'L)	1			
60	42-1900	● NOSE ROLLER ASSY	1			
70	42-1026	● ROLLER - BOOM NOSE	1			
80	99-1207	● BEARING - TRENCHER NOSE ROLLER (W208PP5)	1			
90	99-1603	● CIRCLIP - INTERNAL - NOSE ROLLER- 80mm INT.	1			
						Ref. MT12-0003-1

# MT48 Trencher - Parts List

From Serial Number 450920001

Ref. MT-0005-1



# MT48 Trencher - Parts List



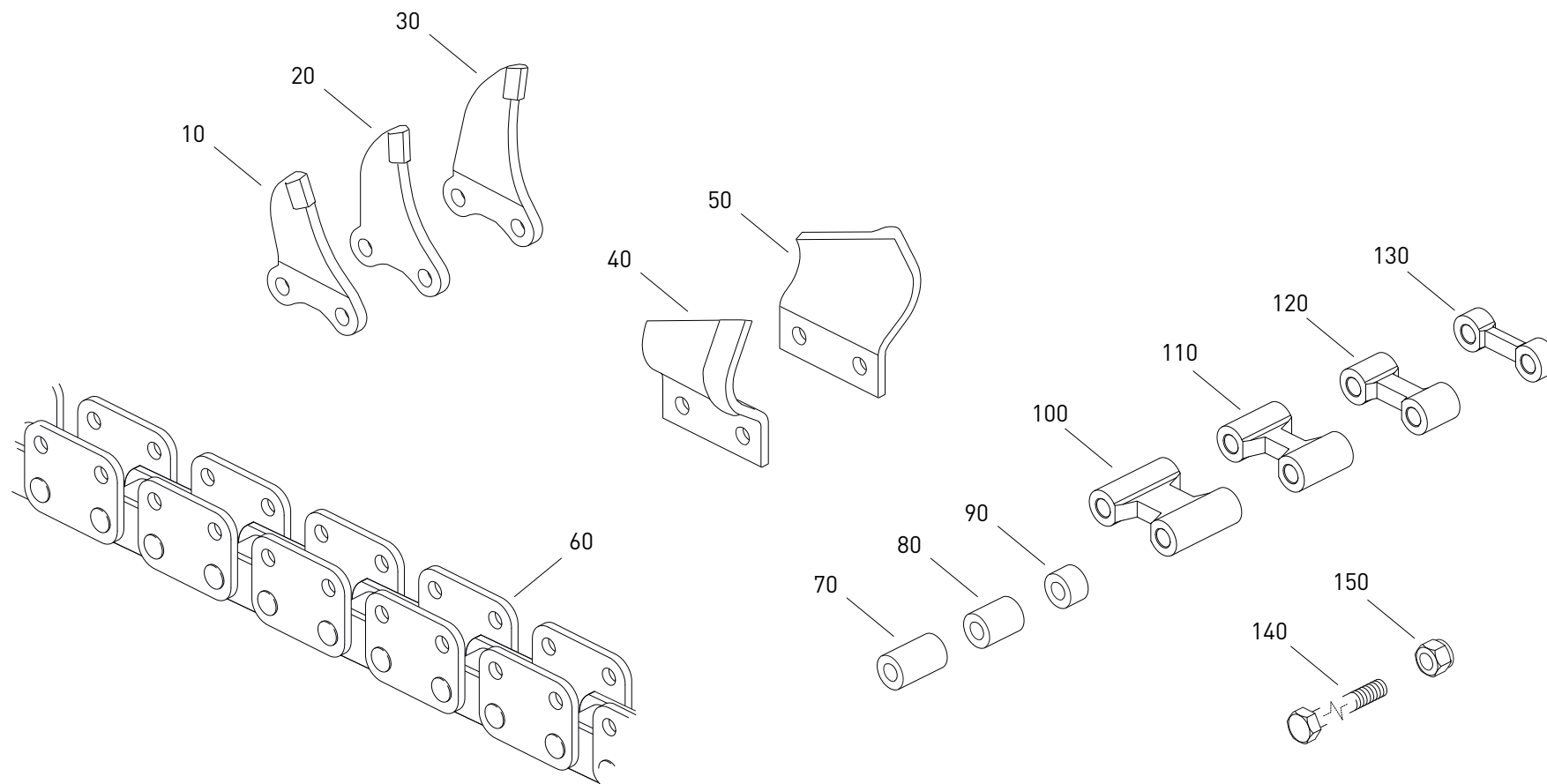
From Serial Number 450920001

ITEM	PART NO.	DESCRIPTION	QTY	TORQUE LOAD	THREADLOCKER	NOTES
10	99-7504	• HOSE - 1.8M 1/2" BSP Str/Str	2			
20	99-7052-M/F	• QRC'S - 1/2" FF	1			
						Ref. MT-0005-1

# MT48 Trencher - Parts List

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Ref. MT12-0004-1





# MT48 Trencher - Parts List



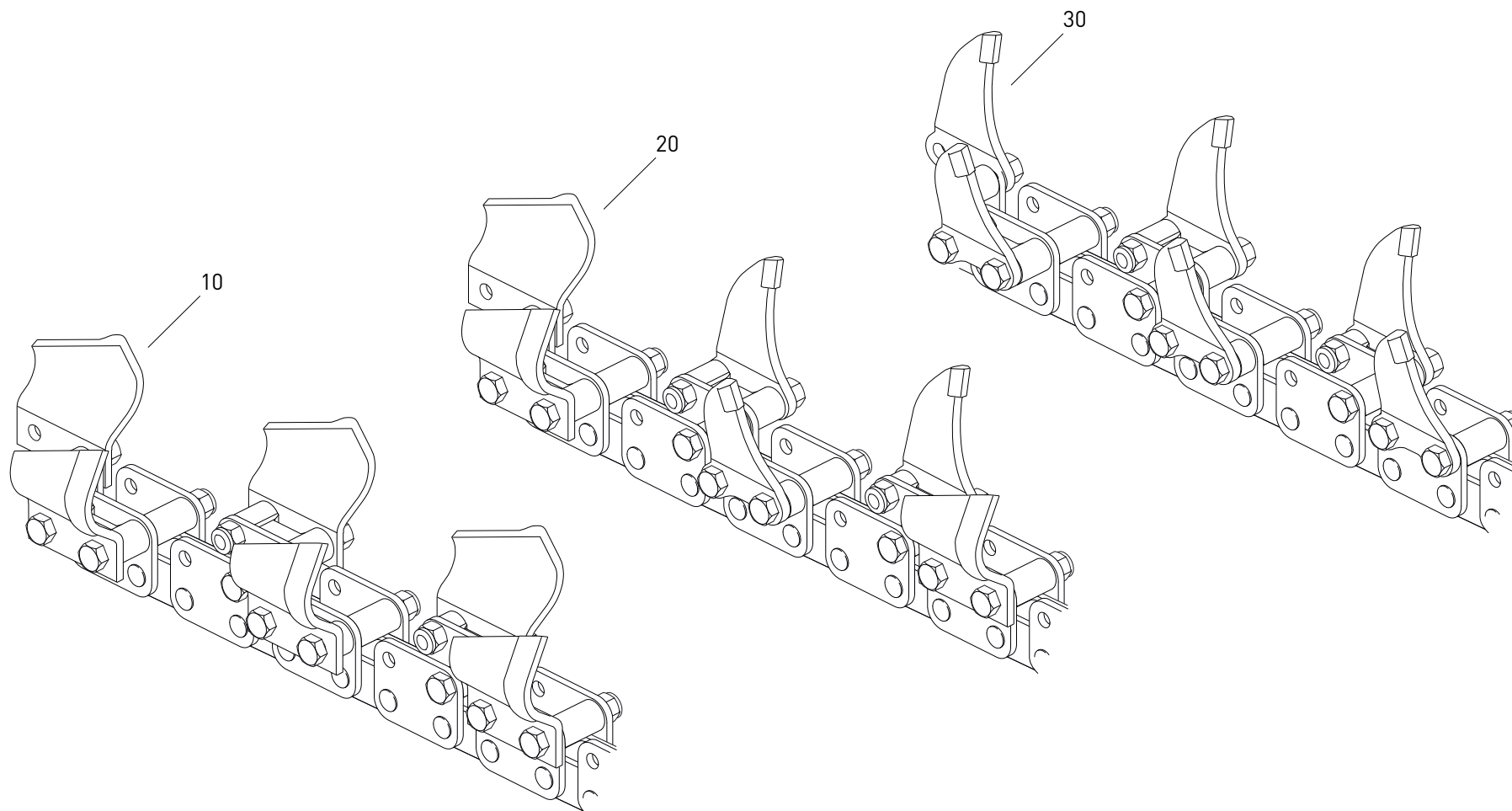
From Serial Number 450920001

ITEM	PART NO.	DESCRIPTION	QTY	TORQUE LOAD	THREAD TREATMENT	NOTES
10	44-2003	• TOOTH - MINI-T RIGHT HAND TUNGSTEN	1			
20	44-2002	• TOOTH - MINI-T CENTRE TUNGSTEN	1			
30	44-2001	• TOOTH - MINI-T LEFT HAND TUNGSTEN	1			
40	44-2011	• TOOTH - MINI-T RIGHT HAND EARTH	1			
50	44-2010	• TOOTH - MINI-T LEFT HAND EARTH	1			
60	44-2026	• CHAIN - 82 LINKS (1200 DEEP)	1			
70	44-2027	• CHAIN SPACER - 38.5 LONG	1			
80	44-2028	• CHAIN SPACER - 30.0 LONG	1			
90	44-2029	• CHAIN SPACER - 15.3 LONG	1			
100	44-2034	• SPACER BLOCK - 50mm WIDE	1			
110	44-2033	• SPACER BLOCK - 37.5mm WIDE	1			
120	44-2032	• SPACER BLOCK - 25mm WIDE	1			
130	44-2031	• SPACER BLOCK - 12mm WIDE	1			
140	99-9124-025	• FIXING - SETSCREW - M10 x 25mm	1			
	99-9124-030	• FIXING - SETSCREW - M10 x 30mm	1			
	99-9114-040	• FIXING - BOLT - M10 x 40mm	1			
	99-9114-050	• FIXING - BOLT - M10 x 50mm	1			
	99-9114-055	• FIXING - BOLT - M10 x 55mm	1			
	99-9114-060	• FIXING - BOLT - M10 x 60mm	1			
	99-9114-065	• FIXING - BOLT - M10 x 65mm	1			
	99-9114-070	• FIXING - BOLT - M10 x 70mm	1			
	99-9114-075	• FIXING - BOLT - M10 x 75mm	1			
	99-9114-080	• FIXING - BOLT - M10 x 80mm	1			
	99-9114-090	• FIXING - BOLT - M10 x 90mm	1			
	99-9114-100	• FIXING - BOLT - M10 x 100mm	1			
	99-9114-110	• FIXING - BOLT - M10 x 110mm	1			
	99-9114-120	• FIXING - BOLT - M10 x 120mm	1			
	99-9114-200	• FIXING - BOLT - M10 x 200mm	1			
	99-9114-210	• FIXING - BOLT - M10 x 210mm	1			
	99-9114-230	• FIXING - BOLT - M10 x 230mm	1			
	99-9114-250	• FIXING - BOLT - M10 x 250mm	1			
	99-9114-260	• FIXING - BOLT - M10 x 260mm	1			
	99-9114-280	• FIXING - BOLT - M10 x 280mm	1			
	99-9114-290	• FIXING - BOLT - M10 x 290mm	1			
150	99-9184	• FIXING - NUT NYLOC M10	1			
						Ref. MT12-0004-1

# MT48 Trencher - Parts List

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Ref. MT12-0005-1



# MT48 Trencher - Parts List



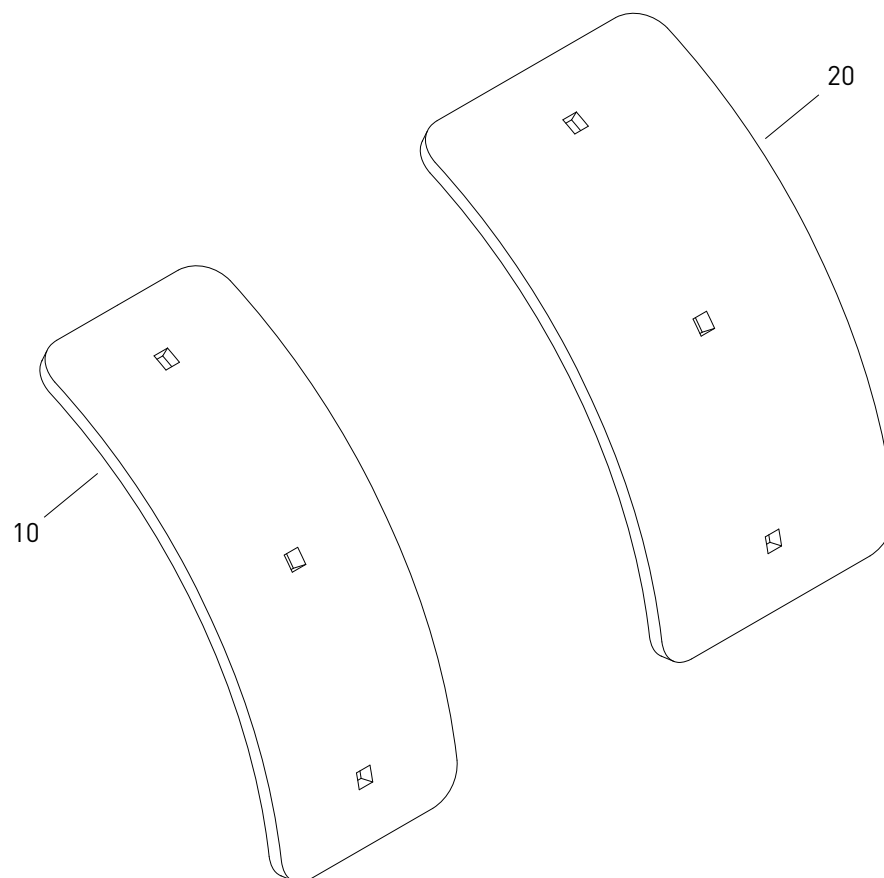
From Serial Number 450920001

ITEM	PART NO.	DESCRIPTION	QTY	TORQUE LOAD	THREAD TREATMENT	NOTES
10	44-2924	• CHAIN - 1200 x 100 EARTH	1			
	44-2923	• CHAIN - 1200 x 150 EARTH	1			
	44-3925	• CHAIN - 1200 x 200 EARTH	1			
20	44-2925	• CHAIN - 1200 x 100 COMBI	1			
	44-2922	• CHAIN - 1200 x 150 COMBI	1			
	44-3926	• CHAIN - 1200 x 200 COMBI	1			
30	44-2926	• CHAIN - 1200 x 100 TUNGSTEN	1			
	44-2920	• CHAIN - 1200 x 150 TUNGSTEN	1			
	44-3927	• CHAIN - 1200 x 200 TUNGSTEN	1			
						Ref. MT12-0005-1

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Ref. MT12-0006-1



# MT48 Trencher - Parts List



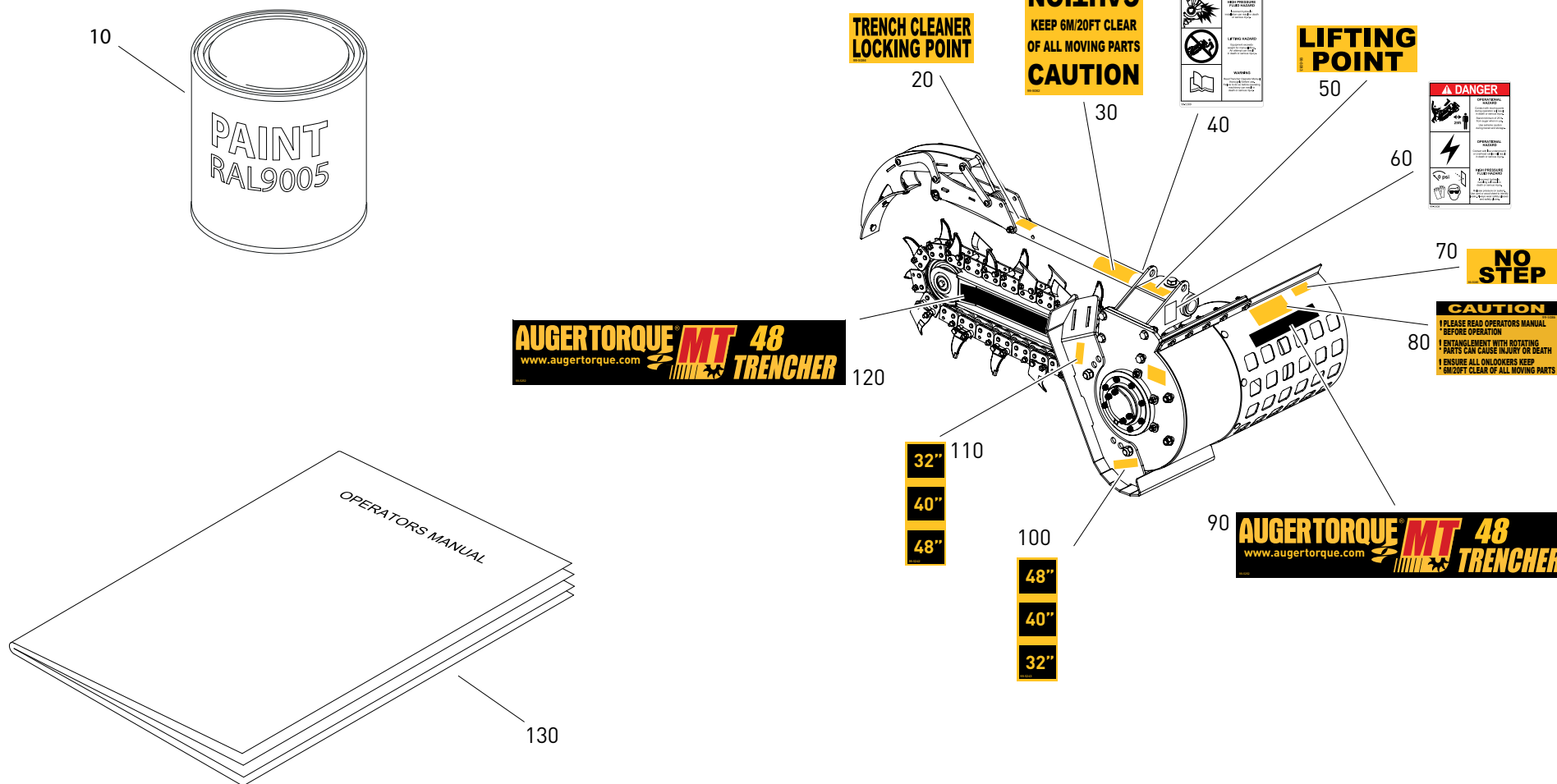
From Serial Number 450920001

ITEM	PART NO.	DESCRIPTION	QTY	TORQUE LOAD	THREAD TREATMENT	NOTES
10	42-1058	• SCRAPER - MT - 332 x 130 FOR 150MM CHAINS	1			
20	42-1030	• SCRAPER - MT - 332 x 180 FOR 200MM CHAINS	1			
						Ref. MT12-0006-1

# MT48 Trencher - Parts List

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Ref. MT48-0001-1



# MT48 Trencher - Parts List



From Serial Number 450920001

ITEM	PART NO.	DESCRIPTION	QTY	TORQUE LOAD	THREAD TREATMENT	NOTES
10	99-8002	<ul style="list-style-type: none"> <li>PAINT - BLACK RAL9005 0.5L</li> </ul>	1			
20	99-5084	<ul style="list-style-type: none"> <li>LABEL - TRENCH CLEANER LOCKING POINT</li> </ul>	1			
30	99-5082	<ul style="list-style-type: none"> <li>LABEL - CAUTION</li> </ul>	1			
40	99-5309	<ul style="list-style-type: none"> <li>LABEL - US WARNING</li> </ul>	1			
50	99-5083	<ul style="list-style-type: none"> <li>LABEL - LIFTING POINT</li> </ul>	1			
60	99-5308	<ul style="list-style-type: none"> <li>LABEL - US DANGER</li> </ul>	1			
70	99-5085	<ul style="list-style-type: none"> <li>LABEL - NO STEP</li> </ul>	1			
80	99-5086	<ul style="list-style-type: none"> <li>LABEL - CAUTION TEXT</li> </ul>	1			
90	99-5252	<ul style="list-style-type: none"> <li>LABEL - MT48 - MODEL</li> </ul>	1			
100	99-5243	<ul style="list-style-type: none"> <li>LABEL - TRENCHER DEPTH</li> </ul>	1			
110	99-5242	<ul style="list-style-type: none"> <li>LABEL - TRENCHER DEPTH</li> </ul>	1			
120	99-5252	<ul style="list-style-type: none"> <li>LABEL - MT48 - MODEL</li> </ul>	2			
130	99-95-400001	<ul style="list-style-type: none"> <li>OPERATOR'S MANUAL - ENGLISH</li> </ul>	1			
						Ref. MT48-0001-1





# MT48 Trencher - Parts List



From Serial Number 450920001

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