

## SPARES KITS

In order to maintain the quality, performance and peace of mind associated with our products Norbar recommend that only genuine Norbar spares are fitted to our products.

## SERVICE REPLACEMENT POLICY

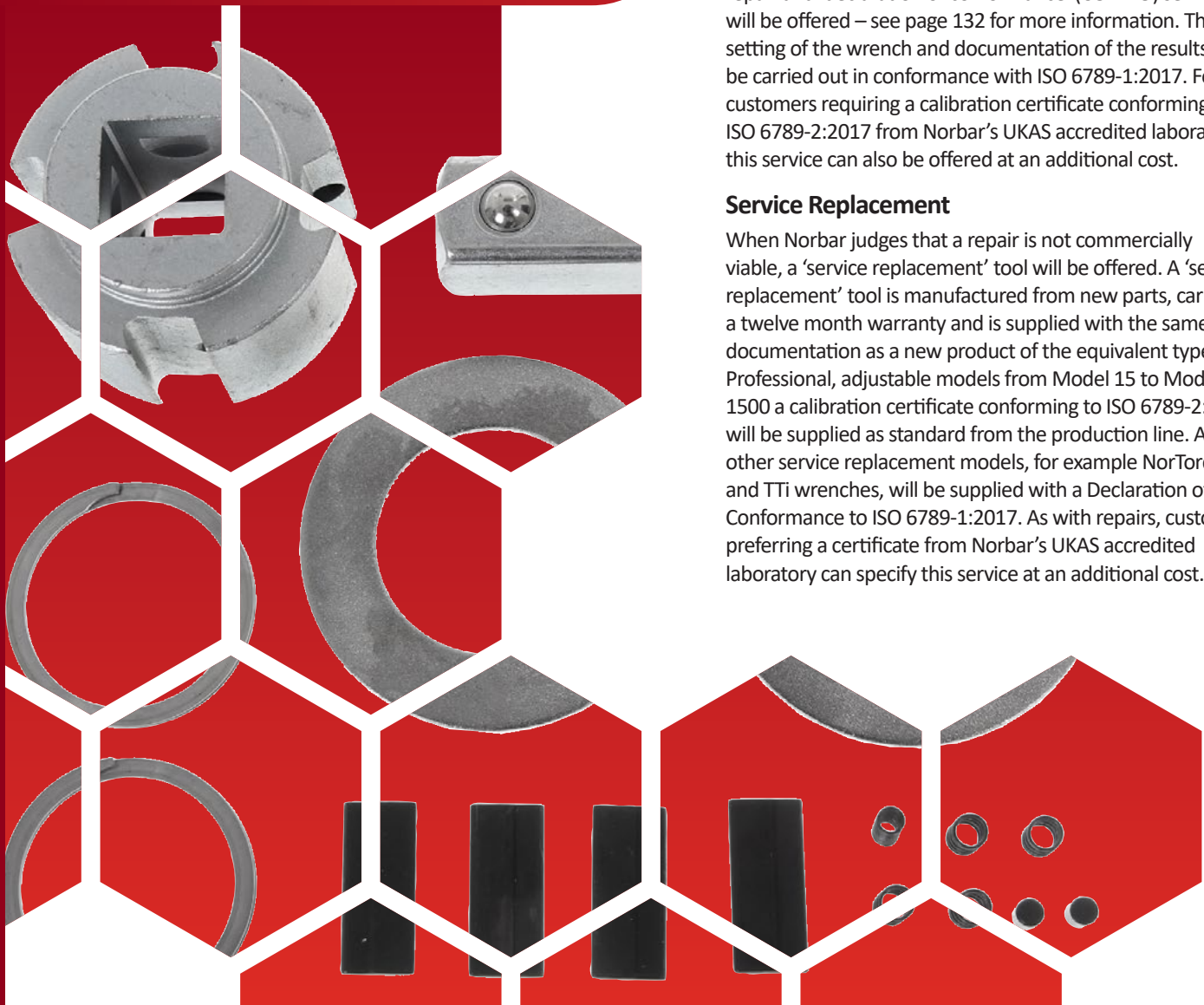
Our aim is to give you the fastest possible service when you send in a wrench for repair. Therefore, our policy is that all Norbar wrenches will, at Norbar's discretion, either be repaired or a 'service replacement' tool will be offered. This policy may be extended to wrenches from other manufacturers sent to Norbar for repair/replacement.

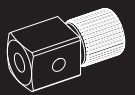
### Repair

Where Norbar judges that a repair is viable, a combined repair and 'declaration of conformance' (COMBO) service will be offered – see page 132 for more information. The setting of the wrench and documentation of the results will be carried out in conformance with ISO 6789-1:2017. For customers requiring a calibration certificate conforming to ISO 6789-2:2017 from Norbar's UKAS accredited laboratory, this service can also be offered at an additional cost.

### Service Replacement

When Norbar judges that a repair is not commercially viable, a 'service replacement' tool will be offered. A 'service replacement' tool is manufactured from new parts, carries a twelve month warranty and is supplied with the same documentation as a new product of the equivalent type. For Professional, adjustable models from Model 15 to Model 1500 a calibration certificate conforming to ISO 6789-2:2017 will be supplied as standard from the production line. All other service replacement models, for example NorTorque® and TTi wrenches, will be supplied with a Declaration of Conformance to ISO 6789-1:2017. As with repairs, customers preferring a certificate from Norbar's UKAS accredited laboratory can specify this service at an additional cost.





## SPARES KITS

8	TORQUE SCREWDRIVER
13593.001NM	TTs Handle Repair Kit for 1.5 N-m Tool
13593.003NM	TTs Handle Repair Kit for 3.0 N-m Tool
13593.006NM	TTs Handle Repair Kit for 6.0 N-m Tool
13593.013LBI	TTs Handle Repair Kit for 13 lbf-in Tool
13593.026LBI	TTs Handle Repair Kit for 26 lbf-in Tool
13593.053LBI	TTs Handle Repair Kit for 53 lbf-in Tool
13593.P	TTs Handle Repair Kit for P Type Tool
13594	TTs Adjusting Screw & Retention Clip Repair Kit
13595	TTs Body Tube & Cam Assembly Repair Kit
13596	TTs End Knob Assembly Repair Kit
13597	TTs ¼" Blade Repair Kit
13609	TTs P Type Locking Knob Repair Kit

8	TT WRENCHES UP TO 50 N-m/35 lbf-ft
13425	¼" Ratchet Repair Kit, Mdl 20 N-m, 180 lbf-in
13426	⅜" Ratchet Repair Kit, Mdl 20 N-m, 180 lbf-in, 50 N-m, 35 lbf-ft
13427	½" Ratchet Repair Kit, Mdl 50 N-m, 35 lbf-ft
13636.020NLF	Handle Repair Kit, 20 N-m/lbf-in Scale
13636.020NM	Handle Repair Kit, 20 N-m Scale
13636.180LBI	Handle Repair Kit, 180 lbf-in Scale
13636.050NLF	Handle Repair Kit, 50 N-m/lbf-ft Scale
13636.050NM	Handle Repair Kit, 50 N-m Scale
13636.035LBF	Handle Repair Kit, 35 lbf-ft Scale
13417	Adjusting Knob Repair Kit
13637	Thrust Washer Repair Kit
11762	Rivet Repair Kit

8	TT WRENCHES 100 N-m/75 lbf-ft TO 300 N-m/250 lbf-ft
13411	Adjusting Knob Repair Kit
13415	Thrust Washer Repair Kit
13414	Rivet Repair Kit

8	TTi WRENCHES
13693	TTi20 ¼" Ratchet Lever Arm Assemblies
13694	TTi20 ⅜" Ratchet Lever Arm Assemblies
13690	TTi50 ⅜" Ratchet Lever Arm Assemblies
13691	TTi50 ½" Ratchet Lever Arm Assemblies
13212	Ratchet Repair Kit, ⅜" sq. dr., 60/100
13214	Ratchet Repair Kit, ½" sq. dr., 200
13215	Ratchet Repair Kit, ½" sq. dr., Mdl 250/300 N-m, 185/220 lbf-ft
13491	Ratchet Replacement Kit, ⅜" sq. dr., 60/100
13492	Ratchet Replacement Kit, ½" sq. dr., 50 - 200
13493	Ratchet Replacement Kit, ½" sq. dr. Mdl 250/300 N-m, 185/220 lbf-ft)

For Handle Repair Kits please see TT section above.

8	TTfth WRENCHES
13695	TTfth20 9 x 12 mm Female End Repair Kit
13692	TTfth50 9 x 12 mm Female End Repair Kit

8	NON-MAGNETIC RATCHET REPAIR KITS
13769	Ratchet Repair Kit for 13900, 13902, 13904 & 13906
13770	Ratchet Repair Kit for 13901, 13903, 13905 & 13907

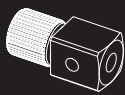
8	MODEL 5
13123	Spares Kit Model 5 Adjustable
13124	Calibration Kit Model 5 'P' Type

8	PROFESSIONAL TORQUE WRENCHES MODELS 60 - 400 (pre March 2015)
11598	'Automotive Ratchet' Repair Kit ⅜"
	(Pro 60 & 100)
11618	'Automotive Ratchet' Repair Kit ½"
	(Pro 60 & 100)
11622	'Automotive Ratchet' Repair Kit ½" Rev
	(Pro 200 & 300)
11623	Push-Through Beta 72 Tooth Repair Kit ½"
13212	'Industrial Ratchet' Repair Kit ⅜"
	(Pro 60/100)
13213	'Industrial Ratchet' Repair Kit ½"
	(Pro 60/100)
13214	'Industrial Ratchet' Repair Kit ½" (Pro 200)
13215	'Industrial Ratchet' Repair Kit Mdl 300/330
	½" for 13047, 13049 & 13057
13216	'Industrial Ratchet' Repair Kit Pro 400 ¾"
	for 13050 & 13056
13190	Pro 400 ¾" sq. dr. to 17 mm Hex.
13235	Sq. Dr. Repair Kit ⅜" (Pro 60/100)
13236	Sq. Dr. Repair Kit ½" (Pro 60/100)
13237	Sq. Dr. Repair Kit ½" Pro 200/300/330
13157	Spares Kit Prof. Handle (post 1 <sup>st</sup> Jan 2001)
13217	Replacement Professional Handle Kit
11807	Handle Spares Kit Professional 'P' Type
11698	Calibration Kit Professional 'P' Type

8	PROFESSIONAL TORQUE WRENCHES PRO 15 - 25 SPARES KITS
15395	'Automotive Ratchet' Repair Kit, ¼" sq. dr.
15396	'Automotive Ratchet' Repair Kit, ⅜" sq. dr.
15397.K	Handle Repair Kit
15398.K	Scale Mechanism Repair Kit
15399.K	Locking Knob Repair Kit
15400.K	Thrust Washer and Screw Kit
15401.K	Spring Repair Kit



11618 'Automotive Ratchet' Repair Kit



## SPARES KITS

8	PROFESSIONAL TORQUE WRENCHES SPARES KITS
150100.K	Handle Repair Kit
150101.K	Scale Mechanism Repair Kit
150102.K	Locking Knob Repair Kit
150103.K	Thrust Washer and Screw Kit
150104.K	Spring Repair Kit
150105.K	½" sq. dr. Mushroom Kit
150106.K	¾" sq. dr. Mushroom Kit
150112.K	'Industrial Ratchet' Repair Kit, ¾" sq. dr. (Pro 50)
254100.PK	SKT Grub M5 x 8 LG Oval Point - Pack of 50
150113.K	'Industrial Ratchet' Repair Kit, ½" sq. dr. (Pro 100 - 200)
150114.K	'Industrial Ratchet' Repair Kit, ½" sq. dr. (Pro 300 - 340)
150115.K	'Industrial Ratchet' Repair Kit, ¾" sq. dr. (Pro 400)
11598	'Automotive Ratchet' Repair Kit ¾" sq. dr. (Pro 50 & 100)
11618	'Automotive Ratchet' Repair Kit ½" sq. dr. (Pro 50 & 100)
150111.K	'Automotive Ratchet' Repair Kit, ½" sq. dr. (Pro 200)

8	PROFESSIONAL TORQUE WRENCHES SPARES PACKS
10628.PK	Label TimeStrip - Pack of 50
10640.PK	TimeStrip Adhesive Gasket - Pack of 50
11521.PK	Shaped Washer - Pack of 20
11522.PK	End Stop - Pack of 10
15312.PK	End Cap - Pack of 25
25496.PK	SCR:SKT Grub M5 x 6 LG Oval - Pack of 50
25497.PK	SCR:SKT Grub M5 x 5 LG Dog Point - Pack of 50
254100.PK	SCR:SKT Grub M5 x 8 LG Oval Point - Pack of 50
25746.PK	M3 Dog Point Grub SCR - Pack of 50
25938.PK	Washer M4 STD.Flat - Pack of 100
26033.PK	Pivot Pin - Pack of 20
27029.PK	Steel Ball 3.8 mm Dia - Pack of 50
25351.10.PK	SHCS M4 x 10 LG - Pack of 50

8	CLICKTRONIC® TORQUE WRENCHES SPARES KITS
150104.K	Spring Repair Kit
150105.K	½" sq. dr. Mushroom Kit
150106.K	¾" sq. dr. Mushroom Kit
150107.K	Adjusting Screw and Wiper Kit
150108.K	Locking Knob Kit
150109.K	Lower Handle Kit
150110.K	Complete Handle Kit

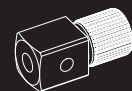
8	CLICKTRONIC® TORQUE WRENCHES SPARES PACKS
10628.PK	Label TimeStrip - Pack of 50
10640.PK	TimeStrip Adhesive Gasket - Pack of 50
15524.PK	USB Bung - Pack of 5
39721.PK	Wiper 1 - 3 N - Pack of 5
25742.PK	M2.5 x 12 LG Torx Pan Screw - Pack of 80
25743.PK	M4 x 8 LG Torx CSK Screw - Pack of 50

8	PROFESSIONAL TORQUE WRENCHES NLD SERIES
14195	Ratchet Repair Kit Mdl 550/650 ¾"
14196	Ratchet Repair Kit Mdl 800/1000/1500 ¾"
14197	Ratchet Repair Kit Mdl 800/1000/1500 1"
14162	Ratchet Assembly Mdl 550/650
14163	Ratchet Assembly Mdl 1000
12297	Replacement Square Drive Mdl 550/650 ¾"
12299	Replacement Square Drive Mdl 550 1"
14157	Replacement Square Drive Mdl 800 - 1500 ¾"
14165	Replacement Square Drive Mdl 800 - 1500 1"
14185	Cover Kit for all Models
14218	Secondary Lever and Support Block Assy Upgrade kit for all Models pre 2004/169391
14217	Secondary Lever and Support Block Assy for all Models post 2004/169391
14220	Secondary Lever Assembly
14187	Screw Adjustable Kit for all Models
14166	Calibration Kit 'P' Type for all Models
13242	Rivet Repair Kit

8	SLIMLINE TORQUE WRENCHES
11831	Ratchet Repair Kit SLO ¼" (post Jan 2008)
11832	Ratchet Repair Kit SLO ⅜" (post Jan 2008)
11806	Spares Kit - SLO Adj Knob
11914	¾" sq.dr for SLO Fixed Head
11762	Rivet Repair Kit

8	INDUSTRIAL TORQUE WRENCHES
12307	Ratchet Repair Kit Industrial (except 6R & 6R-N)
12373	Ratchet Repair Kit (6R & 6R-N only)
12297	¾" Square Drive Assy for 3AR - 5AR & 3AR-N - 5AR-N
12299	1" Square Drive Assy for 3AR - 5AR & 3AR-N - 5AR-N
18492	1" Square Drive Assy for 6R & 6R-N
12374	1" Square Drive Repair Kit (6R & 6R-N only)
12355	Industrial Thrust Washer Spares Kit
12360	End Caps - Plastic 10 pack (Industrial)
121125	Replacement Rod/Plunger & Nut Assy. for 3AR
121126	Replacement Rod/Plunger & Nut Assy. for 4R
121127	Replacement Rod/Plunger & Nut Assy. for 4AR
121128	Replacement Rod/Plunger & Nut Assy. for 5R
121129	Replacement Rod/Plunger & Nut Assy. for 5AR
121130	Replacement Rod/Plunger & Nut Assy. for 6R
121094	5AR-N Adjusting Nut
121079	6R-N Adjusting Nut

In order for Norbar to supply the correct adjusting nut, we need to know the correct scale length for the tool being repaired. The scale length is denoted by a number on the nut being replaced and will be of the form e.g. 159/60.



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8	NORTORQUE TORQUE WRENCHES HANDLE KITS
130501.060NLF	Handle Repair Kit, 60 N-m/lbf-ft Scale
130501.060NM	Handle Repair Kit, 60 N-m Scale
130501.100NLF	Handle Repair Kit, 100 N-m/lbf-ft Scale
130501.100NM	Handle Repair Kit, 100 N-m Scale
130501.200NLF	Handle Repair Kit, 200 N-m/lbf-ft Scale
130501.200NM	Handle Repair Kit, 200 N-m Scale
130501.300NLF	Handle Repair Kit, 300 N-m/lbf-ft Scale
130501.300NM	Handle Repair Kit, 300 N-m Scale
130501.340NLF	Handle Repair Kit, 340 N-m/lbf-ft Scale
130501.340NM	Handle Repair Kit, 340 N-m Scale



13235 Repair Kit

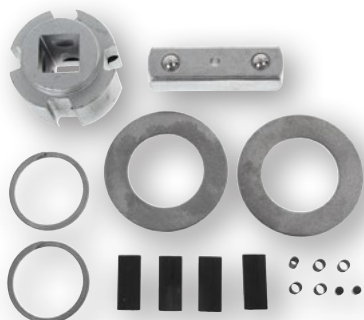
8	NORTORQUE TORQUE WRENCHES SQUARE DRIVE REPAIR KITS
13235	Sq. Dr. Repair Kit 3/8" (Mdl60)
13236	Sq. Dr. Repair Kit 1/2" (Mdl100)
13237	Sq. Dr. Repair Kit 1/2" (Mdl200/300/340)



13212 Repair Kit

8	NORTORQUE TORQUE WRENCHES RATCHET REPAIR KITS
13212	Ratchet Repair Kit 3/8" (Mdl60)
13213	Ratchet Repair Kit 1/2" (Mdl100)
13214	Ratchet Repair Kit 1/2" (Mdl200)
13215	Ratchet Repair Kit 1/2" (Mdl300/340)

8	NORTORQUE TORQUE WRENCHES OTHER REPAIR KITS
130500.K	Locking Knob Kit
150103.K	Thrust Washer and Screw Kit



13215 Repair Kit

8	MULTIPLIER SPARES KIT
16831	Spares Kit No. 2 Output Carrier
16836	Spares Kit No. 5 Output Carrier
16832	Spares Kit No. 7 Output Carrier
16835	Spares Kit No. 9 Output Carrier
19348	HT3-1000 N-m Retention Pin
19349	HT3-1000 N-m Cranked Reaction
19347	HT3-1000 N-m Straight Reaction
77018.1	Sq. Drive HT3 3/4" (old style)
17185	Spares Kit HT3 3/4" Sq Dr (Pre May 1993 style with shoulder screw)
17676	Sq. Drive HT3 3/4" (to fit 17218, 17220 & all other models with square drive retained by rollpin)



77018.1

17676

17185

17223	Spares Kit HT3 Carriers
17225	Spares Kit HT3 3/4" Input Gear
18365	Spares Kit 72 mm Air Motor Handle
18544	Replacement 3/4" sq. dr., ET/EBT/PTS/PTM-52 Series
18545	Replacement 1" sq. dr., ET/EBT/PTS/PTM-52 Series
18779	Replacement 3/4" sq. dr., ET/EBT/PTS/PTM-72 Series
18492	Replacement 1" sq. dr., ET/EBT/PTS/PTM-72 Series
18221	Replacement 3/4" sq. dr., PT 72 Series
18220	Replacement 1" sq. dr., PT 72 Series
19260	Spares Kit for Fwd/Rev Gearbox Knob post Feb 2011 Tools
19077	Upgrade Kit for Fwd/Rev Gearbox for PTM

8	ET/EBT/PTS/PTM-92 & ET/EBT/PTS/PTM-119 SQUARE DRIVES
18934	1" for ET/EBT/PTS/PTM-92
18935	1 1/2" for ET/EBT/PTS/PTM-92
18959	1 1/2" for ET/EBT/PTS/PTM-119

8	VANE SETS FOR PNEUTORQUE MULTIPLIERS
18631	For PTM Series (Pack of 5)
18278	For PT 72 mm Series (Pack of 6)
16218	For PT Standard Series (Pack of 6)

8	SPARES FOR LUBRO CONTROL UNIT
28911	3 m Hose*
28912	6 m Hose*
28913	Pressure Gauge
28914	Filter Element for Filter/Regulator
28915	Bowl Assembly for Filter/Regulator
28916	Bowl Assembly for Lubricator
28917	Locking Collar
28918	1/2" BSP Taper Thread Adaptor

\*Other lengths of hose are available, please contact Norbar for details.



CALIBRATION SERVICES

Declaration of Conformance ..... 132  
 UKAS Accredited Calibration Certification ..... 132  
 Other Certification ..... 136  
 Global Service ..... 136

A calibration 'priority booking' service is available, please contact the Customer Relations Department a minimum of one month prior to the required recalibration due date.

- Tel: +44 (0)1295 753635
- Fax: +44 (0)1295 753636
- Email: [service@norbar.com](mailto:service@norbar.com)

## CALIBRATION SERVICES

Devices sent in for UKAS accredited calibration certification will be calibrated and the 'As Found' readings recorded. The calibration will be performed to the appropriate standard as specified in our schedule of accreditation.

- Should the device be in specification 'As Found', a certificate will be raised and the device returned.
- Should the device be out of specification, but capable of adjustment, it will be adjusted, 'As Left' readings taken, and one certificate raised with 'As Found' and 'As Left' readings on it.
- Should the device require repair that is not covered by a combined calibration and service, we will do so where possible, after consultation with the customer.

Norbar are accredited by UKAS for torque measurements between 0.005 N·m and 108,500 N·m or the imperial equivalents. Our Schedule of Accreditation gives further details (please refer to [www.norbar.com](http://www.norbar.com)).

UKAS accredited calibration certificates are issued under the authority of the United Kingdom Accreditation Service.

Norbar can calibrate non-Norbar Torque products, please contact us with the details of your equipment.

