



FOR INFORMATION: Phase Out of Delta Wrench range

Concerned Products:

Delta Wrench AV & Delta Wrench AV WLAN



Description:

We are pleased to inform you that we will Phase Out our Delta wrench series in two steps:

- Delta Wrench AV standalone wrenches will be phased out end of June 2021
- Delta Wrench AV with WLAN will be phased out end of November 2021

Please place your last orders early enough to ensure a delivery of last items.

Hereafter a list of all part numbers concerned by this phase out and some technical data.

Delta Wrench AV (without WLAN Module)

Last orders

30/06/2021

The list of **phased-out products / accessories** is the following:

MODEL	PART NUMBER	RANGE		ANGLE	DRIVE		INCLUDED RATCHET	LENGTH		WEIGHT	
		Nm	ft lb		mm	in.		mm	in.	kg	lb
Delta Wrench 30-AV	615 935 230 0	3-30	2.21	✓	9x12	0.35x0.47	3/8	402	15.8	0.9	2.0
Delta Wrench 150-AV Short	615 935 231 0	15-150	11.06-110.6	✓	14x18	0.55x0.71	1/2	418	16.5	1.0	2.2
Delta Wrench 200-AV	615 935 232 0	20-200	14.75-147.5	✓	14x18	0.55x0.71	1/2	625	24.6	2	4.4
Delta Wrench 400-AV	615 935 233 0	40-400	29.5-295	✓	14x18	0.55x0.71	3/4	1026	40.4	2.8	6.2
Delta Wrench 500-AV	615 935 234 0	50-500	36.88-368.8	✓	21x26	0.82x1.02	3/4	1137	44.8	5.5	12.1
Delta Wrench 800-AV	615 935 235 0	80-800	59.0-590	✓	Ø 28	Ø 1.1	1	1305	51.4	6.7	14.8

All models are supplied with box including reversible ratchet with TAG and Delta QC Free Version (Batteries supplied separately)

DELTA WRENCH AV is **replaced by Q-SHIELD-S range (Standalone)** linked to **Delta QC**:

MODEL	PART NUMBER	RANGE		ANGLE	DRIVE		INCLUDED RATCHET	LENGTH WITHOUT RATCHET		WEIGHT	
		Nm	ft lbs		mm	in.		mm	in.	Kgs	lbs
Q-SHIELD 30-S	6159352100	3 - 30	2.21 - 22.13	Yes	9x12	0.35x0.47	3/8	402	15.83	0.7	1.5
Q-SHIELD 150-S	6159352110	15 - 150	11.06 - 110.6	Yes	14x18	0.55x0.71	1/2	418	16.46	0.8	1.7
Q-SHIELD 200-S	6159352120	20 - 200	14.75 - 147.5	Yes	14x18	0.55x0.71	1/2	627	24.7	1.6	3.5
Q-SHIELD 350-S	6152210380	35 - 350	25.81 - 258.1	Yes	14x18	0.55x0.71	3/4	694	27.33	2.6	5.7
Q-SHIELD 400-S	6159352130	40 - 400	29.5 - 295.0	Yes	14x18	0.55x0.71	3/4	1028	40.48	3.2	7.0
Q-SHIELD 500-S	6159352140	50 - 500	36.88 - 368.8	Yes	21x26	0.82x1.02	3/4	1137	44.77	5.5	12.1
Q-SHIELD 800-S	6159352150	80 - 800	59.0 - 590.0	Yes	dia 28	dia 1.1	1	1314	51.74	6.7	14.7
Q-SHIELD 900-S	6159352160	90 - 900	66.38 - 663.8	Yes	dia 28	dia 1.1	1	1392	54.8	8.2	18.0

** Useful length is from Ratchet axis to handle middle*

All models are supplied with box including reversible ratchet with TAG (QShield Batteries supplied separately)

Q-Shield range of wrenches are requiring a **new battery** with a higher capacity. The new part number is 615 936 5000. The charger itself stays the same (part number 615 936 1510).

The new Q-Shield-S range offers the following advantages:

- **New gyroscope** for a higher precision at low and higher angular speeds, improving the efficiency of joint checks and reducing the occurrence of potential overspeed.
- Q-Shield Battery **autonomy** of 10 hours on Q-Shield-S
- **2 new models** added in this range: **Q-Shield 350-S** and **Q-Shield 900-S**
- **Digital Twin (NFC)**
- **9 Quality strategies & 4 Production strategies** (3 new methodologies for **Joint checks as per VDI/VDE 2645-3 specifications**)



Delta Wrench AV WLAN (with WLAN Module)

Last orders

30/11/2021

The list of **phased-out products / accessories** is the following:

MODEL	PART NUMBER	RANGE		ANGLE	DRIVE		INCLUDED RATCHET	LENGTH		WEIGHT	
		Nm	ft lb		mm	in.		mm	in.	kg	lb
Delta Wrench 30-AV Wlan	615 935 236 0	3-30	2.21	✓	9x12	0.35x0.47	3/8	402	15.83	0.9	2.0
Delta Wrench 150-AV Wlan Short	615 935 237 0	15-150	11.06-110.6	✓	14x18	0.55x0.71	1/2	418	16.46	1.0	2.2
Delta Wrench 200-AV Wlan	615 935 238 0	20-200	14.75 - 147.5	✓	14x18	0.55x0.71	1/2	625	24.6	2	4.4
Delta Wrench 400-AV Wlan	615 935 239 0	40-400	29.50-295.0	✓	14x18	0.55x0.71	3/4	1026	40.40	2.8	6.2
Delta Wrench 500-AV Wlan	615 935 240 0	50-500	36.88-368.8	✓	21X26	0.82x1.02	3/4	1137	44.8	5.5	12.1
Delta Wrench 800-AV Wlan	615 935 241 0	80-800	59.00-590.0	✓	Ø28	Ø 1.1	1	1305	51.4	6.7	14.8
Delta Wrench 900-AV Wlan	615 935 248 0	90-900	66.38-663.8	✓	Ø28	Ø 1.1	1	1392	54.8	8.2	18.1

All models are supplied with box including reversible ratchet with TAG and Delta QC Free Version (Batteries supplied separately)

DELTA WRENCH AV WLAN is **replaced by Q-SHIELD-C range (Connected)** linked to the **CONNECT** platform:

MODEL	PART NUMBER	RANGE		ANGLE	DRIVE		INCLUDED RATCHET	LENGTH WITHOUT RATCHET		WEIGHT	
		Nm	ft lbs		mm	in.		mm	in.	Kgs	lbs
Q-SHIELD 30-C	6159352000	3 - 30	2.21 - 22.13	Yes	9x12	0.35x0.47	3/8	402	15.83	0.7	1.5
Q-SHIELD 150-C	6159352010	15 - 150	11.06 - 110.6	Yes	14x18	0.55x0.71	1/2	418	16.46	0.8	1.7
Q-SHIELD 200-C	6159352020	20 - 200	14.75 - 147.5	Yes	14x18	0.55x0.71	1/2	627	24.7	1.6	3.5
Q-SHIELD 350-C	6152210370	35 - 350	25.81 - 258.1	Yes	14x18	0.55x0.71	3/4	694	27.33	2.6	5.7
Q-SHIELD 400-C	6159352030	40 - 400	29.5 - 295.0	Yes	14x18	0.55x0.71	3/4	1028	40.48	3.2	7.0
Q-SHIELD 500-C	6159352040	50 - 500	36.88 - 368.8	Yes	21x26	0.82x1.02	3/4	1137	44.77	5.5	12.1
Q-SHIELD 800-C	6159352050	80 - 800	59.0 - 590.0	Yes	dia 28	dia 1.1	1	1314	51.74	6.7	14.7
Q-SHIELD 900-C	6159352060	90 - 900	66.38 - 663.8	Yes	dia 28	dia 1.1	1	1392	54.8	8.2	18.0

* Useful length is from Ratchet axis to handle middle

All models are supplied with box including reversible ratchet with TAG (QShield Batteries supplied separately)

Q-Shield range of wrenches are requiring a **new battery** with a higher capacity. The new part number is 615 936 5000. The charger itself stays the same (part number 615 936 1510).

The new Q-Shield-C range offers the following advantages:

- Q-SHIELD-C on **Connect** opens **feature management** opportunities through the TU Activation to adapt to use cases, providing more flexibility and competitiveness.
 - Up to 10 battery tools per CONNECT-X or 20 per CONNECT-W, allowing **complementarity of Motorized and Manual tools** on the same station.
 - Open to **Fieldbus and customer protocols** (VW XML2.1)
 - Data transfer on the fly** to get the full traceability of all Results and Curves.
- Autonomy of **8 hours in communication**
- A **password protected** menu and **misuse prevention** for production applications
- Management of a pre-installed library of **end-fittings**
- Possibility to **switch Q-SHIELD-C in a Standalone mode** for a re-use of the wrench in disconnected mode under Delta QC with further Quality strategies

IMPORTANT:

Due to a new platform the coming Q-Shield-C range will not anymore able to

- get connected to a CVI3 controller
- have a direct link to Pivotware
- be connected to a third party software interface



In case of questions, please contact us under

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ZUR INFORMATION: Abkündigung der Delta Messschlüsselserie

Betroffene Produkte:

Delta Wrench AV & Delta Wrench AV WLAN



Beschreibung:

Hiermit möchten wir Sie informieren, dass wir die Drehmomentschlüssel der Delta Serie in zwei Schritten abkündigen werden:

- Delta Wrench AV Standalone bis Ende Juni 2021
- Delta Wrench AV mit WLAN bis Ende November 2021

Bitte platzieren Sie letzte Aufträge frühzeitig, um eine Lieferung sicherzustellen.

Hier die Übersicht der betroffenen Artikelnummern und einige technische Details.

Delta Wrench AV (ohne WLAN Modul)

Letzte Bestellungen

30/06/2021

Die Liste der **abgekündigten Produkte** lautet wie folgt:

MODEL	PART NUMBER	RANGE		ANGLE	DRIVE		INCLUDED RATCHET	LENGTH		WEIGHT	
		Nm	ft lb		mm	in.		mm	in.	kg	lb
Delta Wrench 30-AV	615 935 230 0	3-30	2.21	✓	9x12	0.35x0.47	3/8	402	15.8	0.9	2.0
Delta Wrench 150-AV Short	615 935 231 0	15-150	11.06-110.6	✓	14x18	0.55x0.71	1/2	418	16.5	1.0	2.2
Delta Wrench 200-AV	615 935 232 0	20-200	14.75-147.5	✓	14x18	0.55x0.71	1/2	625	24.6	2	4.4
Delta Wrench 400-AV	615 935 233 0	40-400	29.5-295	✓	14x18	0.55x0.71	3/4	1026	40.4	2.8	6.2
Delta Wrench 500-AV	615 935 234 0	50-500	36.88-368.8	✓	21x26	0.82x1.02	3/4	1137	44.8	5.5	12.1
Delta Wrench 800-AV	615 935 235 0	80-800	59.0-590	✓	Ø 28	Ø 1.1	1	1305	51.4	6.7	14.8

All models are supplied with box including reversible ratchet with TAG and Delta QC Free Version (Batteries supplied separately)

Diese Produkte werden **ersetzt durch den Q-SHIELD-S (Standalone)** als Teil der **Delta QC Baureihe**:

MODEL	PART NUMBER	RANGE		ANGLE	DRIVE		INCLUDED RATCHET	LENGTH WITHOUT RATCHET		WEIGHT	
		Nm	ft lbs		mm	in.		mm	in.	Kgs	lbs
Q-SHIELD 30-S	6159352100	3 - 30	2.21 - 22.13	Yes	9x12	0.35x0.47	3/8	402	15.83	0.7	1.5
Q-SHIELD 150-S	6159352110	15 - 150	11.06 - 110.6	Yes	14x18	0.55x0.71	1/2	418	16.46	0.8	1.7
Q-SHIELD 200-S	6159352120	20 - 200	14.75 - 147.5	Yes	14x18	0.55x0.71	1/2	627	24.7	1.6	3.5
Q-SHIELD 350-S	6152210380	35 - 350	25.81 - 258.1	Yes	14x18	0.55x0.71	3/4	694	27.33	2.6	5.7
Q-SHIELD 400-S	6159352130	40 - 400	29.5 - 295.0	Yes	14x18	0.55x0.71	3/4	1028	40.48	3.2	7.0
Q-SHIELD 500-S	6159352140	50 - 500	36.88 - 368.8	Yes	21x26	0.82x1.02	3/4	1137	44.77	5.5	12.1
Q-SHIELD 800-S	6159352150	80 - 800	59.0 - 590.0	Yes	dia 28	dia 1.1	1	1314	51.74	6.7	14.7
Q-SHIELD 900-S	6159352160	90 - 900	66.38 - 663.8	Yes	dia 28	dia 1.1	1	1392	54.8	8.2	18.0

* Useful length is from Ratchet axis to handle middle

All models are supplied with box including reversible ratchet with TAG (QShield Batteries supplied separately)

Die Q-Shield Baureihe erfordert ein **neues Akku** mit höherer Kapazität. Die Artikelnummer lautet 615 936 5000. Das Ladegerät selbst bleibt identisch (Artikel 615 936 1510).

Die neue Q-Shield-S Drehmomentschlüssel bieten die folgenden Vorteile:

- **Neues Gyroskop** für eine höhere Präzision bei großen und kleinen Winkelgeschwindigkeiten, verhindert Fehlermeldungen wegen nicht angepasster Winkelgeschwindigkeit
- Q-Shield-S Akku **Autonomie** bis zu 10 Stunden
- **2 neue Modelle** in der Baureihe: **Q-Shield 350-S** und **Q-Shield 900-S**
- **Digital Twin** (NFC Chip)
- 9 Qualitätsstrategien & 4 Produktionsstrategien
(3 neue Methoden zum **Weiterziehen nach VDI/VDE 2645 Blatt 3**)

Delta Wrench AV WLAN (mit WLAN Modul)

Letzte Bestellungen

30/11/2021

Die Liste der **abgekündigten Produkte** lautet wie folgt:

MODEL	PART NUMBER	RANGE		ANGLE	DRIVE		INCLUDED RATCHET	LENGTH		WEIGHT	
		Nm	ft lb		mm	in.		mm	in.	kg	lb
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All models are supplied with box including reversible ratchet with TAG and Delta QC Free Version (Batteries supplied separately)

Diese Produkte werden **ersetzt durch den Q-SHIELD-C (Connected)** als Teil der **CONNECT** Plattform:

MODEL	PART NUMBER	RANGE		ANGLE	DRIVE		INCLUDED RATCHET	LENGTH WITHOUT RATCHET		WEIGHT	
		Nm	ft lbs		mm	in.		mm	in.	Kgs	lbs
Q-SHIELD 30-C	6159352000	3 - 30	2.21 - 22.13	Yes	9x12	0.35x0.47	3/8	402	15.83	0.7	1.5
Q-SHIELD 150-C	6159352010	15 - 150	11.06 - 110.6	Yes	14x18	0.55x0.71	1/2	418	16.46	0.8	1.7
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All models are supplied with box including reversible ratchet with TAG (QShield Batteries supplied separately)

Die Q-Shield Baureihe erfordert ein **neues Akku** mit höherer Kapazität. Die Artikelnummer lautet 615 936 5000. Das Ladegerät selbst bleibt identisch (Artikel 615 936 1510).

Die neuen Q-Shield-C Drehmomentschlüssel bieten die folgenden Vorteile:

- Q-SHIELD-C mit Connect ermöglicht ein flexibles **Funktionsmanagement** zur bedarfsgerechten Anpassung der Schraubstation an die jeweiligen Anforderungen
 - Bis zu 10 Akkuwerkzeugstationen pro CONNECT-W oder 20 pro CONNECT-X ermöglicht **weniger Schnittstellen** und **motorbetriebene Werkzeuge sowie manuelle Operation** auf einer Plattform
 - Schnittstellen wie **Feldbus** oder **kundenspezifische Protokolle**
 - Datenübertragung in Echtzeit** von Ergebnissen und Kurven.
- Autonomie** mit WLAN von bis zu 8 Stunden
- Passwortgeschütztes Menü** für einen sicheren Einsatz in der Produktion.
- Unterstützung von **wechselbaren Schraubeinsätzen**
- Möglichkeit, den **Q-SHIELD-C auch im Standalone Modus** zu verwenden. Dadurch Einsatz auch dann, wenn die WLAN Infrastruktur & Anbindung noch fehlt.

WICHTIG:

Durch die neue Plattform ist der Q-Shield-C in Zukunft nicht mehr kompatibel

- zur CVI3 Schraubersteuerung
- zu unserer Werkerführung Pivotware
- zu Softwaresystemen von Drittanbietern



Bei Fragen gerne auf uns zukommen

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