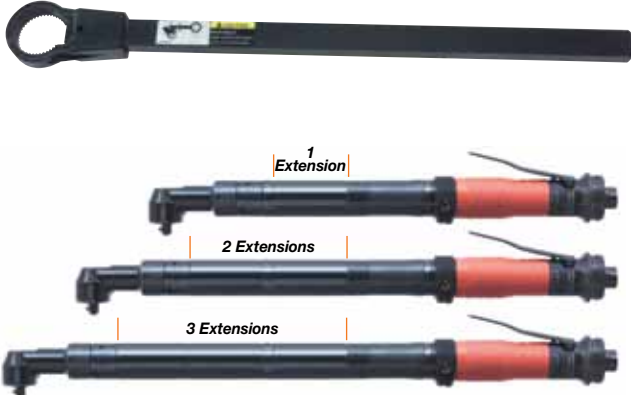


Nutrunner Accessories

Torque Reaction Bars & Slave Square Drives

Part No.	Description	Used On
869770	Steel Bar	45, 55 series inline
48047128	Steel Bar	64...D4 series
46037081	Slave Square Drive	64...D4 series
46177030	Slave Square Drive	64...D6 series
46607058	Slave Square Drive	64...D8 series

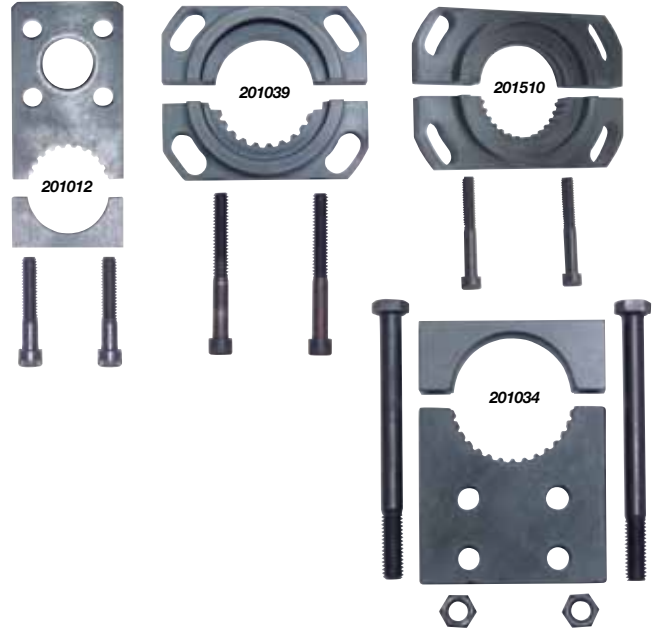


Extension Kit (3.5")

Part No.	Used On
301081	34 series (37 Nm or higher)
301108	24/34 series (36 Nm or lower)

Mounting Brackets (right angle tools)

Part No.	Description	Used On
201012	Torque reaction bracket	45, 55 series
201039	Fixed tooling bracket	45, 55 series
201510	Torque reaction bracket	75 series
201034	Torque reaction bracket	75 series (standard)



Anglehead Covers

Part No.	Used On	
	Tool Series	Anglehead
205831	24/34	AH, AM
205833	24/34	AX
205834	24/34	AZ
205837	19	AH
205839	45/55	T
205835	45/55	P
205838	75	V



Joint Simulator

Description	Torque Range		Width		Height		Length		Part No.
	ft.-lbs.	Nm	in.	mm	in.	mm	in.	mm	
Joint Simulator	220-12	300-15	10.4	264	16	406	26	667	550006

Suspension Bail

Part No.	Used On
867711	8, 35, 45, 55 series
204987	24, 34 wire bail



Swivel Suspension Bail

Part No.	Used On
541715-5	24, 34 series
54397004	64...D4 series
46437006	64...D6 series
46607016	64...D8 series
46037036	64...D12 series



Torque Signal Kit

Air signal to indicate clutch shut-off.

Part No.	Used On
201900	24/34 Clecomatic (old style)
301937PT	24/34 Clecomatic (new style)
301106	14 Clecomatic



Assembly Wrench

Part No.	Used On
201898	Two required



Cleco®

The TVP-100 Series Torque Verifier provides low-cost assembly assurance for pneumatic screwdrivers, nutrunners and pulse tools.

The Cleco TVP-100 verifier improves your assembly process by eliminating operator error caused by early trigger release, fastener cross-threading or re-hits.

The TVP-100 is designed for use with pneumatic clutch screwdrivers/nutrunners and Cleco shut-off pulse tools equipped with torque signal kits.

The TVP-100 provides visual and audio feedback

for both individual fastener and batch parameters, assuring that every fastener has been rundown to the capability of the tool.

Based on existing Cleco TME controller technology, the TVP-100 navigational screen allows for simple set-up and operation.

The TVP-100 works by reading the signature of a ported pneumatic assembly tool through its fastening cycle. Any deviation from the normal signature caused by re-hits, cross threads, early trigger release or a number of variables will elicit a **NOK** visual and audio signal from the verifier, notifying the operator of an error. Whereas a Cleco DC controller controls the tool and the fastening process, the TVP-100 is a cost-effective way of verifying torque by following the torque signature of a tool.



Accessories

Torque Signal Kits

Part No.	Tool Used On
301106	19SCA & 19RAA series
302021PT	19TTA & 19PTA series
201900	24RAA and 34RAA <i>(old style)</i>
301937PT	24RAA and 34RAA <i>(new style)</i>
934918	PTH series pulse tools <i>("C" & "D" vintage only)</i>

Phoenix Connector

Part No.	Description
542892	24 Volt Input/Output Phoenix connector
939348	Strain relief for above connector

Cables

Part No.	Description
207237	115V Transducer and cable
207238	230V Transducer and cable

**115V and 230V transducer and cable assemblies have different connectors at the TVP end of the cable.*

