



47532146001
Edition 5
November 2016

Cordless Screwdriver and Nutrunner

QX Series

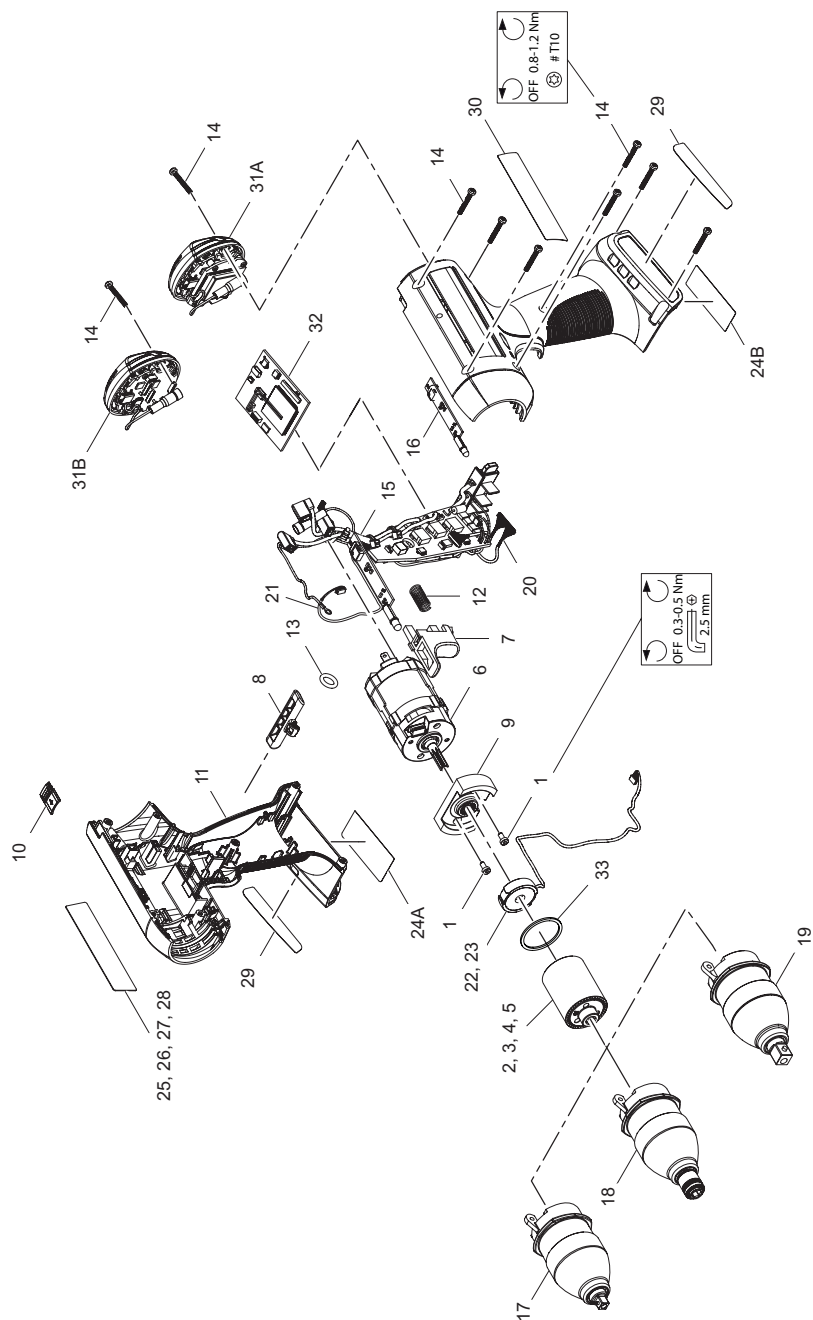
Parts Information



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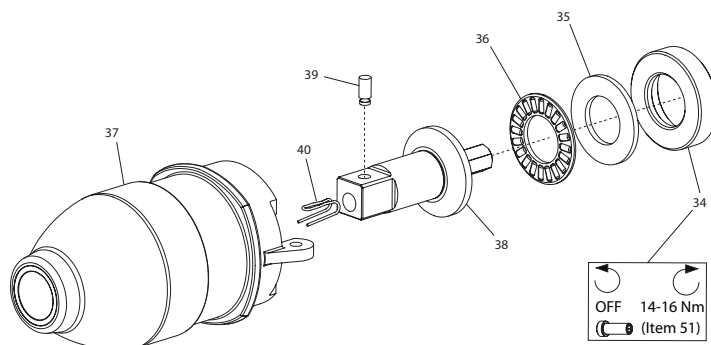
QX{ }2P Housing Assembly - Exploded View



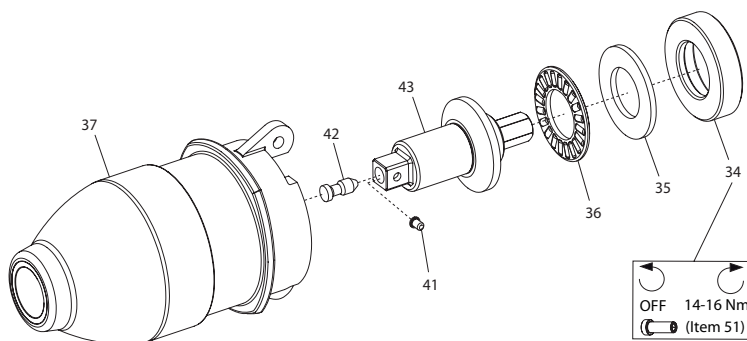
QX{ }2P Housing Assembly - Parts List

Item	Part Description	Part Number (CCN)
1	Screw (M3 X 0.5), (Quantity 2)	CPS2-667-735 (45589140)
2	Gear Pack Assembly QX{ }2PT04{ } Series	VP1-M37-13P18 (47109202)
3	Gear Pack Assembly QX{ }2PT08{ } Series	VP1-M37-17P1 (45599743)
4	Gear Pack Assembly QX{ }2PT12{ } Series	VP1-M37-26P6 (45599735)
5	Gear Pack Assembly QX{ }2PT18{ } Series	VP1-M37-39P7 (45599693)
6	Motor Assembly	VP1-A54 (45626249)
7	Trigger Assembly	VP1-A93 (47087507)
8	Switch, F/R Assembly	VP1-A75 (47087663)
9	Motor Mount	VP1-108-NTL (48382998)
10	USB Cover	VP1-441 (48392104)
11	Handle Assembly (Both Halves)	VP1-A59 (48394266)
12	Spring	VP1-726 (47088356)
13	O-Ring, PCB	VP1-282 (47104211)
14	Screw (Quantity 9)	VP1-105 (47111778)
15	PCB, Handle	84737-A499-3 (47100839)
16	PCB, Trigger and FR	84737-A499-5 (47101332)
17	Square Gear Case Assembly 1/4"	VP1-A8-S4 (47103312)
18	Quick Change Gear Case Assembly	VP1-A8-Q4 (47103320)
19	Square Gear Case Assembly 3/8"	VP1-A8-S6 (47104179)
20	Internal Interface Cable	84737-CABLE-1 (47106117)
21	Motor Hall Cable	84737-CABLE-2 (47106299)
22	Transducer Assembly QX{ }2PT04{ }, QX{ }2PT08{ }, QX{ }2PT12{ }	VP1-A756 (47107073)
23	Transducer Assembly QX{ }2PT18{ }	VP1-A756-18 (47515463001)
24A	Information Label	VP1-486 (47111737)
24B	Certification Label	VP1-486-2 (48412431)
25	Warning Label, 4 Nm	VP1-99-4 (47125752)
26	Warning Label, 8 Nm	VP1-99-8(47125745)
27	Warning Label, 12 Nm	VP1-99-12 (47105408)
28	Warning Label, 18 Nm	VP1-99-18 (47517861001)
29	Identification Label, Sheet (6 pairs of colored labels)	VP1-300 (47105416)
30	Name Plate Label	VP1-301 (47105424)
31A	Display Assembly (Wireless)	VP1-A888W (47116918)
*	Keypad	VP1-70-C (47528097)
*	OLED Display	VP1-888 (47103569)
31B	Display Assembly (Non-Wireless)	VP1-A888 (47086384)
*	Keypad	VP1-70-C (47528097)
*	OLED Display	VP1-888 (47103569)
32	PCB, Foot	84737-A499-1 (47088547)
33	Washer	VP1-247 (47537576001)

* Indicates Not illustrated

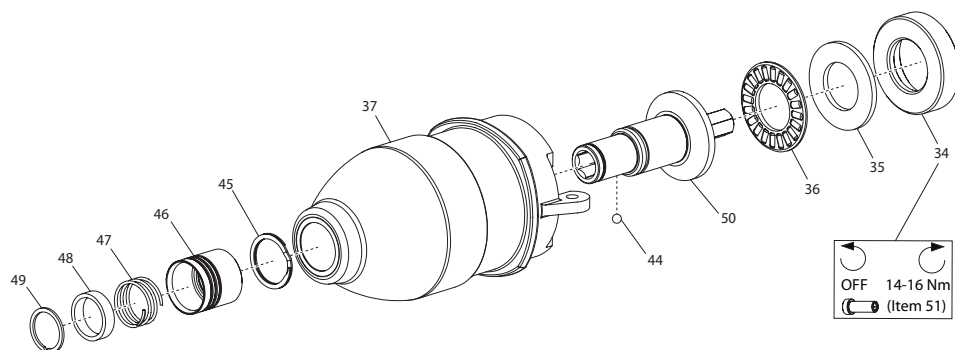
VP1-A8-S6 3/8" Square Gear Case Assembly QX{ }2PT{ } S6 Series

Item	Part Description	Part Number (CCN)
34	Nut	VP1-305 (47112230)
35	Thrust Washer	DAA6A-107 (04694006)
36	Thrust Bearing	R1610-105 (03119559)
37	Gear Housing Assembly	VP1-A40 (47103882)
38	Spindle, Square 3/8"	VP1-8-S6 (47104187)
39	Retainer	5020-716 (03046679)
40	Spring	401-718 (03060993)

VP1-A8-S4 1/4" Square Gear Case Assembly QX{ }2PT{ } S4 Series

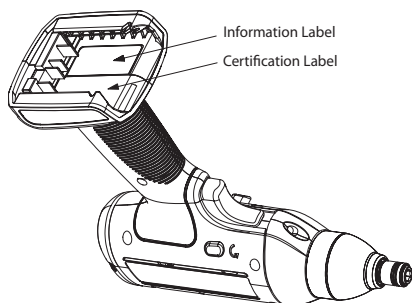
Item	Part Description	Part Number (CCN)
34	Nut	VP1-305 (47112230)
35	Thrust Washer	DAA6A-107 (04694006)
36	Thrust Bearing	R1610-105 (03119559)
37	Gear Housing Assembly	VP1-A40 (47103882)
41	Pin	47028 (04130266)
42	Insert (Rubber)	46749 (04124632)
43	Spindle, 1/4" Square	VP1-8-S4 (47102447)

VP1-A8-Q4 Quick Change Gear Case Assembly QX{ }2PT{ } Q4 Series



Item	Part Description	Part Number (CCN)
34	Nut	VP1-305 (47112230)
35	Thrust Washer	DAA6A-107 (04694006)
36	Thrust Bearing	R1610-105 (03119559)
37	Gear Housing Assembly	VP1-A40 (47103882)
44	Ball	R000B-263 (03095031)
45	Multi Turn Snap Ring	182A13-CXRSN50 (95994521)
46	Collar, Quick Change	CPS2-930 (45551827)
47	Spring	TRH-93I (04681615)
48	Spacer, Quick Change	CPS2-244 (45555125)
49	Retaining Ring	VP1-118 (47512717)
50	Spindle, Quick Connect	VP1-8-Q4 (47103346)

QX{ }2P Tool Assembly



Part Description	Part Number (CCN)
Information Label	VP1- 486 (47111737)
Certification Label	VP1-486-2 (48412431)

Suggested Tools

Tool Used	Part Description	Where Used?
Torque Screwdriver	2 Nm capacity	Housing and Motor Mount screws
T10 Torx Bit	---	Housing screws
Allen Wrench	2 mm	Motor Mount screws
Nylon Pick	---	O-Rings, Wires, etc.
Torque Wrench	3/8" Square Drive, 20 Nm capacity	Gear Case Housing Nut
Bearing Nut Tool	IR Part # VP1-00003 (47128921)	Gear Case Housing Nut

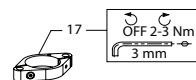
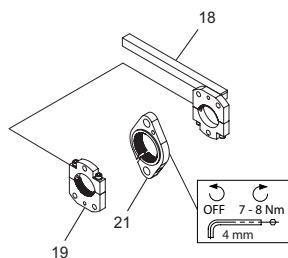
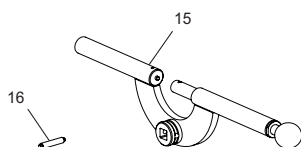
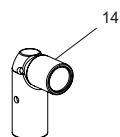
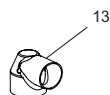
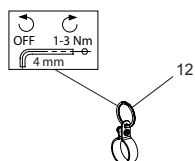
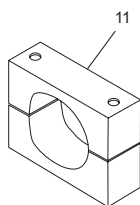
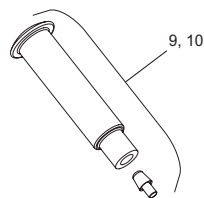
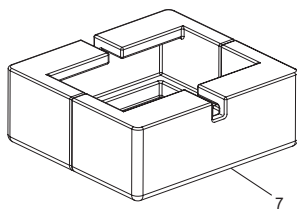
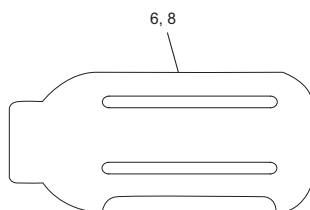
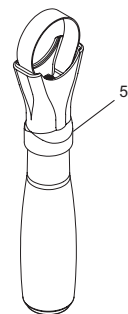
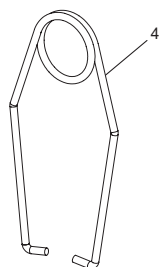
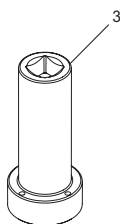
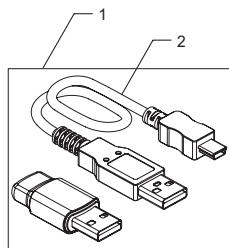
QX{ }2P Packaging - Parts List

Part Description	Part Number
Corrugated Box	B0X-VP1
Foam	F0AM-VP1

QX{ }2P Grease

Part Description	Grease P/N (CCN)
IR #69 - Grease	VP1-1LB (48413157)

QX Accessories (Optional)



QX Accessories (Optional) - Parts List

Item	Part Description	Part Number (CCN)
1	Communication Kit (USB Cable & ICS Software)	84737-COMM-KIT (48414460)
2	USB Cable	84737-CABLE-USB (48412613)
*3	Bearing Nut Tool	VP1-00003 (47128921)
*4	Suspension Bail	VP1-365 (48382147)
*5	Auxiliary Handle	VP1-A48 (47107263)
*6	Boot	VP1-BOOT (48411292)
*7	Gear Case Holding Fixture (use with Bearing Nut Tool, VP1-00003)	VP1-00004 (47497470 or 48419832)
**8	Tool Boot with Covered Display (Red)	VP1-BOOT-NP (47498430)
	Tool Boot with Covered Display (White)	VP1-WT-BOOT (47557360001)
*9	Retaining Ring Tool (for VP1-118)	VP1-00001 (47126982)
*10	Retaining Ring Tool (for 182A13-CXRSN50)	VP1-00002 (47128889)
**11	Holder	VA1-239 (47526047)
**12	Tool Hanger Assembly	
	for Models {}05P{}, {}10P{}, {}15P{}, {}18P{}	CPS2-A365 (45592979)
	for Models {}20P{}, {}27P{}, {}30P{}, {}35P{}, {}40P{}, {}60P{}, {}80P{}	GEA40-A365 (45567849)
**13	Angle Head Sleeve	
	for Models {}18P{}, {}20P{}	GEA40-170 (80095847)
	for Models {}27P{}, {}30P{}, {}35P{}	GEA40-171 (80095888)
	for Models {}40P{}, {}60P{}, {}80P{}	GEA40-172 (80095409)
**14	Extended Boot	
+	for Model {}05P{}	VA1-R18-170 (47526045)
+	for Models {}10P{}, {}15P{}	VA1-R25-170 (47526046)
	for Models {}18P{}, {}20P{}	GAA2-170 (80199557)
	for Models {}27P{}, {}30P{}, {}35P{}	GAA4-170 (80199052)
	for Models {}40P{}, {}60P{}, {}80P{}	GAA5-170 (80199656)
**15	Spanner Wrench	
	for Tool Series {}2A{}	CPS2-478 (45611563)
	for Tool Series {}5A{}	GEA40-478 (80114440)
**16	Dowel Pin	
	for Spanner Wrench CPS2-478	CPS2-478L (45611639)
	for Spanner Wrench GEA40-478	GEA40-478S (80114689)
*17	Clamp Fixture (for Models {}05P{}, {}10P{}, {}15P{}, {}18P{})	CPS2-K48 (45626546)
**18^	Reaction Bar Assembly	DEA120-K48 (04642369)
**19^	Mounting Plate Assembly	DAM120-K48 (04340535)
**21^	Mounting Plate Assembly (Flanged)	GEM120-K48 (80112790)
No Image	Socket Tray Retaining Pin & Spring (for 3/8" and 1/2" square drives)	KIT-PFS (45567997)
No Image	Socket Tray Retaining Pin & Spring (for 3/8" square drive only, Quantity: 5 of each)	GEA15-38KIT-5 (45612033)
No Image	Socket Tray Retaining Pin & Spring (for 1/2" square drive only, Quantity: 5 of each)	GEA40-38KIT-5 (45612041)

* QX Pistol Tool Series {}2P{ } accessory only.

** QX Angle Tool Series {}2A{ } and {}5A{ } accessories only.

^ For QX {}5A{ } Series and QX {}27P{ } Models using coupling nut DAA4-27.

* For these models, extended boot may be trimmed to fit standard angle heads.

Additional colors available upon request. Refer all communication to the nearest **Ingersoll Rand** office or distributor.

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