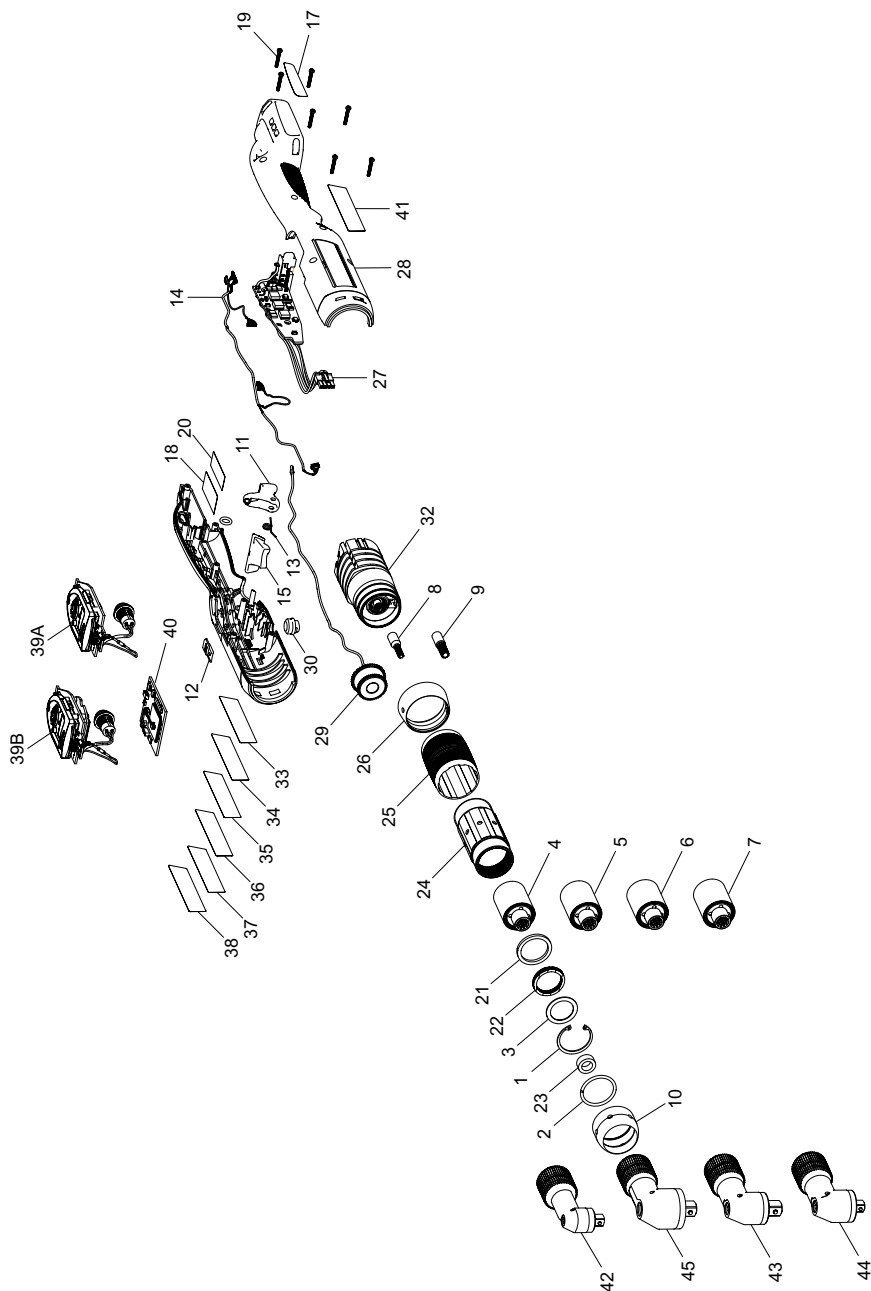


QX{ }5A Housing Assembly - Exploded View



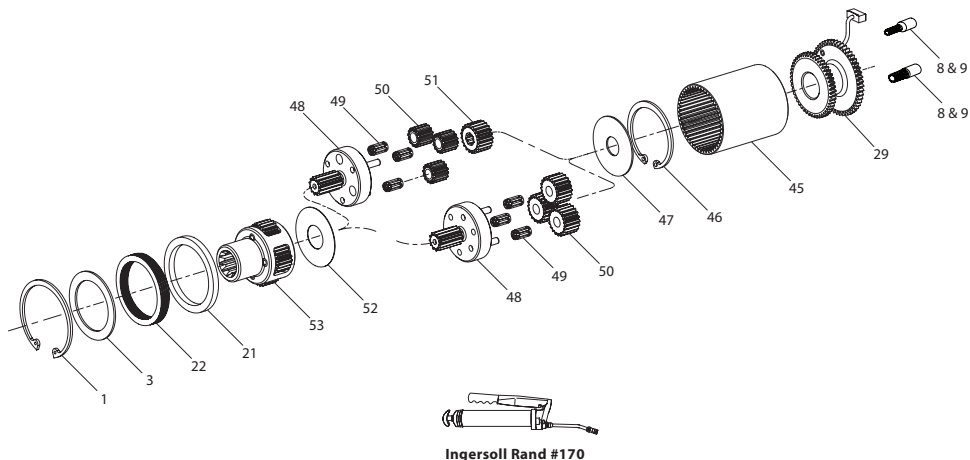
(Dwg. 47517880)

47532146001_ed5

QX{ }5A Housing Assembly - Parts List

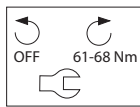
Item	Part Description	Part Number (CCN)	Item	Part Description	Part Number (CCN)
1	Retaining Ring	W64-118 (03084266)	34	Warning Label, 30 Nm	VA2-99-30 (47523179001)
2	Coupling Nut Retainer	DAA4-29 (04341368)	35	Warning Label, 35 Nm	VA2-99-35 (47523180001)
3	WSHR-Gear Retainer	DEM40-81 (04569752)	36	Warning Label, 40 Nm	VA2-99-40 (47523181001)
4	Gear Pack Assembly	GEA40-40-M37 (22036503)	37	Warning Label, 60 Nm	VA2-99-60 (47523182001)
5	Gear Pack Assembly	GEA40-28-M37 (22038160)	38	Warning Label, 80 Nm	VA2-99-80 (47540007001)
6	Gear Pack Assembly	GEA40-22-M37 (22038178)	39A	Display Assembly (Wireless)	VA2-A888W (47523341001)
7	Gear Pack Assembly	GEA40-17-M37 (2 2038186)	*	Keypad	VP1-70-C (47528097)
10	Coupling Nut	GEA40-27 (22041180)	*	OLED Display	VP1-888 (47103569)
11	Trigger Assy	VA1-A93 (24260093)	39B	Display Assembly (Non-Wireless)	VA2-A888 (47523343001)
12	USB Cover	VA1-441 (24361370)	*	Keypad	VP1-70-C (47528097)
13	Spring, Torsional	VA1-726 (24362386)	*	OLED Display	VP1-888 (47103569)
14	Internal Interface Cable	VA1-505 (24471336)	40	QX5 DSP Board	VA2-A499-1 (4752284401)
15	Button, Forward/Reverse	VA1-75 (24482051)	41	Label, Nameplate	VA2-301 (47525370001)
16	O-Ring, PCB	VP1-282 (47104211)	42	Angle Head Assembly	GAA2S6-H (47527606001)
17	Identification Label, Sheet	VP1-300 (47105416)	43	Angle Head Assembly	GAA4S8-H (47527607001)
18	Label, Info	VP1-486 (47111737)	44	Angle Head Assembly	GAA4S6-H (47527608001)
19	Screw (Quantity 7)	VP1-105 (47111778)	45	Angle Head Assembly	GAA5S8-H (47527609001)
20	Label, Certification	VA2-486-2 (47532450)	*46	K7 Motor Assembly For Models { }20PS06, { }30PS06, { }30PS08, { }60PS08, { }80PS08	VA2-K53-7 (47539541001)
21	Seal , Grease	GEA40-248 (80106958)	8	Pinion	---
22	Spring, Wave (1.375 O.D)	GEA40-250 (80106982)	24	Gear Case	---
23	Spacer	GEA40-591 (80119605)	32	Motor Assembly	---
25	Sleeve, Gear Case	VA2-145 (47511179001)	*47	K11 Motor Assembly For Models { }35PS06, { }35PS08, { }40PS08	VA2-K53-11 (47539540001)
26	Cover, Motor Mount	VA2- 427 (47511904001)			
27	QX5 Angle Power Board Assy.	VA2-A499-3 (47518046001)			
28	Handle Assembly (Both Halves)	VA2-A59 (47518205001)	9	Pinion	---
29	Transducer Assembly	VA2-A756 (47518495001)	24	Gear Case	---
30	Plug, F/R Blank	VA1-556 (47522589001)	32	Motor Assembly	---
33	Warning Label, 20 Nm	VA2-99-20 (47523178001)			

* Indicates Not Illustrated

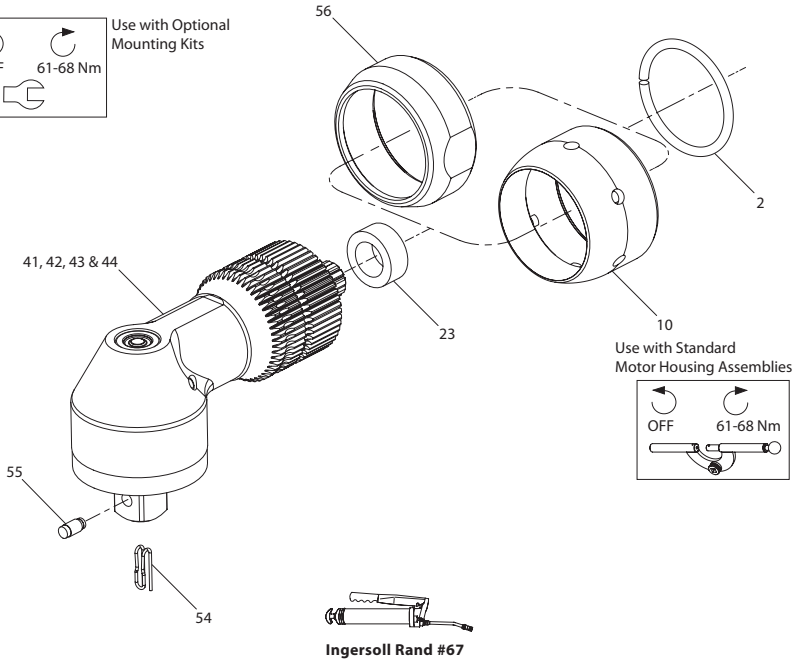
QX{ }5A Transducer Assembly and Gearing Components - Exploded View**QX{ }5A Transducer Assembly and Gearing Components - Parts List**

Item	Part Description	Part Number (CCN)			
		QX{ }60PS08 & QX{ }80PS08	QX{ }40PS08, QX{ }35PS08, & QX{ }35PS06	QX{ }30PS08 & QX{ }30PS06	QX{ }20PS06
8 & 9	Pinion	---	---	---	---
29	Transducer Assembly	VA2-A756 (47518495001)	VA2-A756 (47518495001)	VA2-A756 (47518495001)	VA2-A756 (47518495001)
4, 5, 6 & 7	Gear Pack Assembly	GEA40-40-M37 (22036503)	GEA40-28-M37 (22038160)	GEA40-22-M37 (22038178)	GEA40-17-M37 (22038186)
45	Ring Gear	GEA40-406 (22038079)	GEA40-406 (22038079)	GEA40-406 (22038079)	GEA40-406 (22038079)
46	Retaining Ring	4E-118 (03079738)	4E-118 (03079738)	4E-118 (03079738)	4E-118 (03079738)
47	Spacer, Rear	GEA40-81 (22036495)	GEA40-81 (22036495)	GEA40-81 (22036495)	GEA40-81 (22036495)
48	Gearhead Assembly (1st Stage)	GEA40-A216-20 (22038004)	GEA40-A216-19 (80096126)	GEA40-A216-17 (80096142)	GEA40-A216-14 (80096050)
*	Gearhead	---	---	---	---
*	Planet Pin	---	---	---	---
49	Needle Bearing (1st)	6WTM-500 (03800299)	DAA40-500 (04008108)	6WTM-500 (03800299)	6WTM-500 (03800299)
50	Planet Gear (1st)	4RL-10 (03822962)	DEA31-10 (04282158)	4RLN-10 (03822988)	GEA40-10-14 (80098064)
51	Sun Gear (1st)	---	---	DAA25-17 (04008140)	GEA40-17-21 (22039317)
52	Spacer	GEA40-80 (22041883)	GEA40-80 (22041883)	GEA40-80 (22041883)	GEA40-80 (22041883)
53	Spindle Assembly (2nd Stage)	GEA40-A8-18 (22038145)	GEA40-A8-18 (22038145)	GEA40-A8-18 (22038145)	GEA40-A8-18 (22038145)
*	Spindle	---	---	---	---
*	Planet Pin	---	---	---	---
*	Planet Gear (2nd)	---	---	---	---
*	Planet Bearing (2nd)	---	---	---	---
21	Grease Seal	GEA40-248 (80106958)	GEA40-248 (80106958)	GEA40-248 (80106958)	GEA40-248 (80106958)
22	Wave Spring	GEA40-250 (80106982)	GEA40-250 (80106982)	GEA40-250 (80106982)	GEA40-250 (80106982)
3	Retainer Washer	DEM40-81 (04569752)	DEM40-81 (04569752)	DEM40-81 (04569752)	DEM40-81 (04569752)
1	Retaining Ring	W64-118 (03084266)	W64-118 (03084266)	W64-118 (03084266)	W64-118 (03084266)

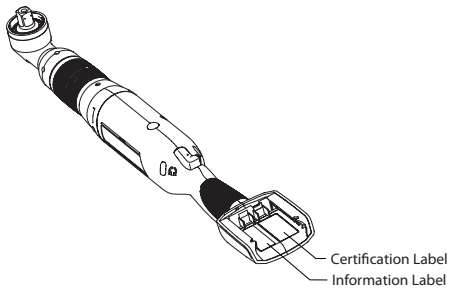
* Item included as part of subassembly.

QX{ }5A Angle Assembly Attachment - Exploded View

Use with Optional
Mounting Kits

**QX{ }5A Angle Head Assembly - Parts List**

Item	Part Description	Part Number (CCN)			
		QX{ }80PS08, QX{ }60PS08 & QX{ }40PS08	QX{ }35PS08 & QX{ }30PS08	QX{ }35PS06 & QX{ }30PS06	QX{ }20PS06
41, 42, 43 & 44	Angle Assembly Attachment	GAA5S8-H (47527609001)	GAA4S8-H (47527607001)	GAA4S6-H (47527608001)	GAA2S6-H (47527606001)
54	Socket, Retaining Spring	5UHD-718 (03072766)	5UHD-718 (03072766)	401-718 (03060993)	401-718 (03060993)
55	Socket, Retaining Pin	804-716 (03064201)	804-716 (03064201)	5020-716 (03046679)	5020-716 (03046679)
23	Spacer	GEA40-591 (80119605)	GEA40-591 (80119605)	GEA40-591 (80119605)	GEA40-591 (80119605)
10	Coupling Nut, Long (with holes)	GEA40-27 (22041180)	GEA40-27 (22041180)	GEA40-27 (22041180)	GEA40-27 (22041180)
56	Coupling Nut, Short (with flats)	DAA4-27 (04341285)	DAA4-27 (04341285)	DAA4-27 (04341285)	DAA4-27 (04341285)
2	Retainer	DAA4-29 (04341368)	DAA4-29 (04341368)	DAA4-29 (04341368)	DAA4-29 (04341368)

QX{ }5A Tool Assembly

Part Description	Part Number (CCN)
Information Label	VP1-486 (47111737)
Certification Label	VA2-486-2 (47532450)

QX{ }5A Suggested Tools

Tool Used	Part Description	Where Used?
Spanner Wrench	IR Part #GEA40-478 (80114440)	Coupling Nut
Torque Wrench	1/2" Sq. Drive, 50 ft-lb capacity	General use
Adjustable Wrench	---	Coupling Nut (with flats)
Internal Snap Ring Pliers	---	General use
Pick	---	O-Rings, Wires, etc.
T10 Torx Bit	---	Housing Screws

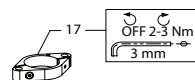
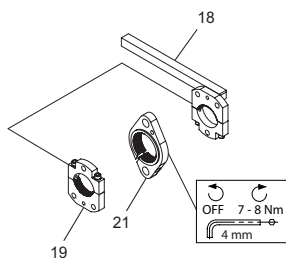
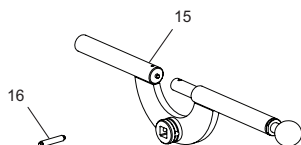
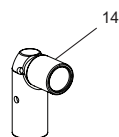
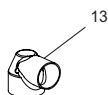
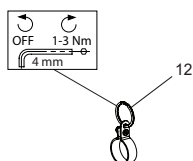
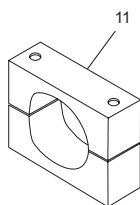
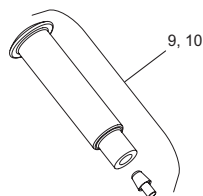
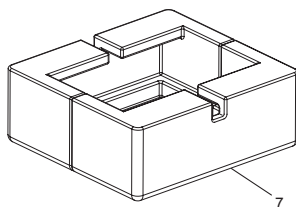
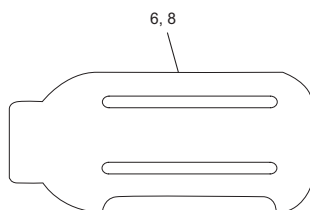
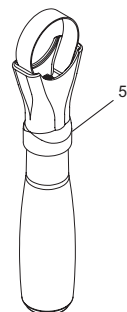
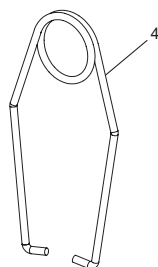
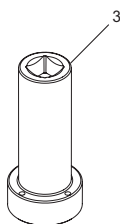
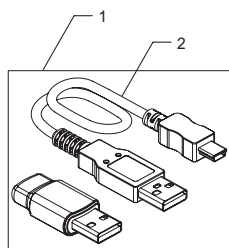
QX{ }5A Packaging - Parts List

Part Description	Part Number (CCN)
Corrugated Box	BOX-VA1 (47518252001)
Foam	FOAM-VA1 (47518253001)

QX{ }5A Greases

Part Description	Grease P/N
IR #67 Grease, 4 oz	67-4T
IR #67 Grease, 1 lb	67-1 LB
IR #67 Grease, 8 lb	67 8 LB
Grease Tube Head (For QX{ }5A Angle Tools. Use with 4 oz Grease Tube.)	GTH-1
IR #170 Grease, 1 lb	170-1LB
IR #170 Grease, 8 lb	170-8LB

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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