



**IMPULSE IM90Xi  
Li FRAMER  
B30000**



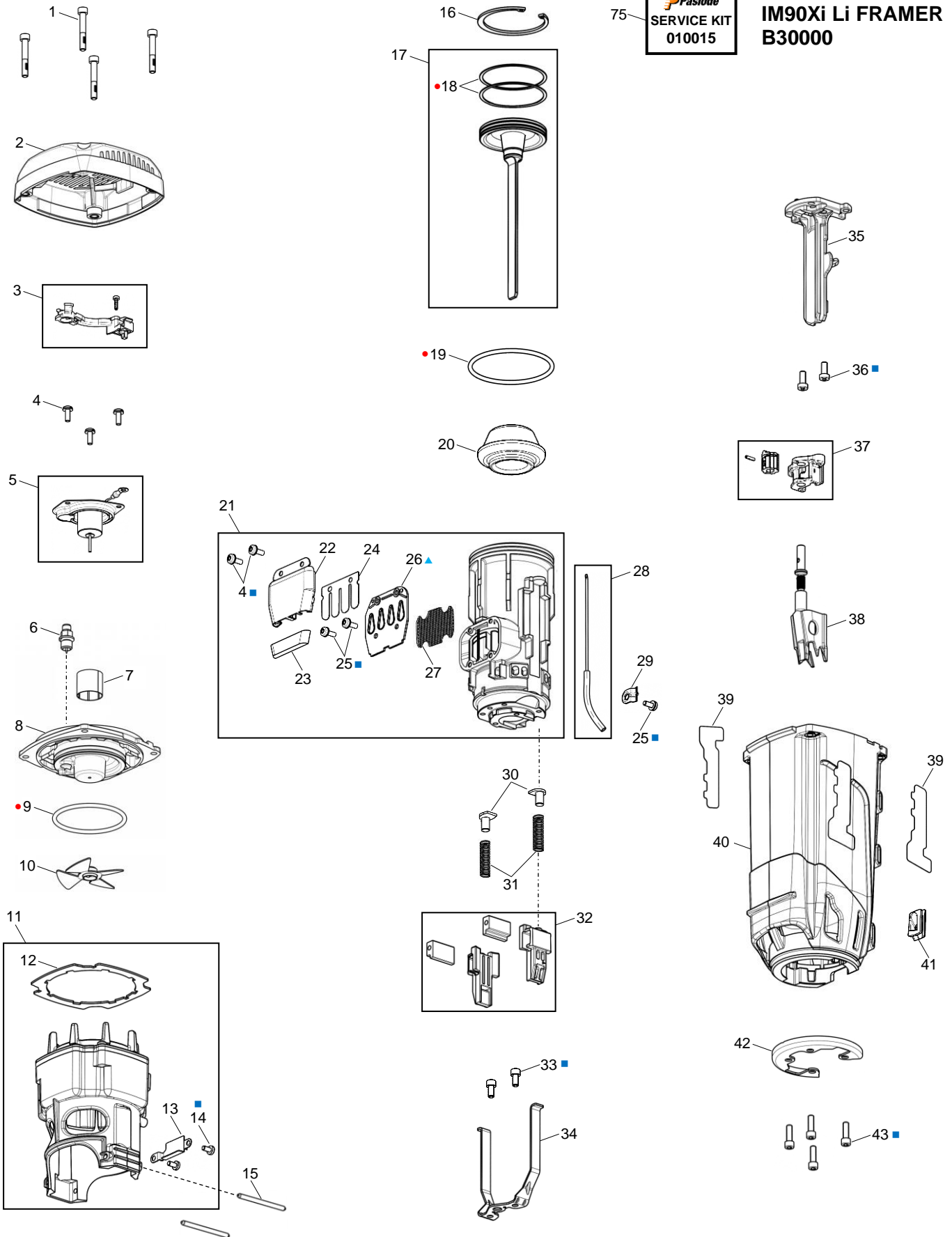
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**ILLUSTRATED PARTS LIST**

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# PASLODE IMPULSE IM90Xi Li FRAMER B30000



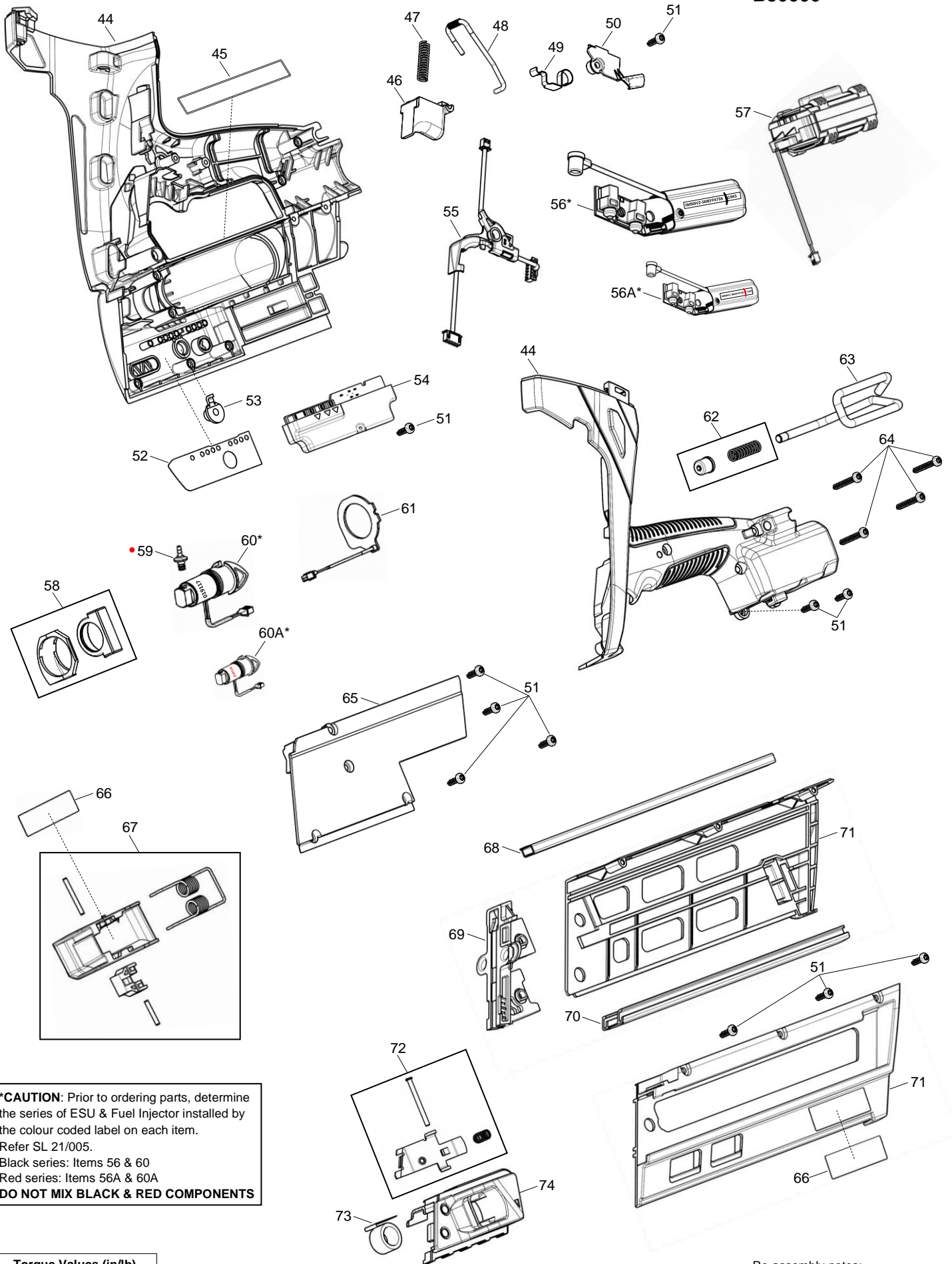
Torque Values (in/lb)			
Item	Torque	Item	Torque
1	42-45	27	30-35
3	6-8	30	30-35
4	30-35	33	36-43
6	20-25	36	55-57
10	8-10	43	55-57
14	20-25		

- Re-assembly Notes:
1. Ribs on sleeve (7) face motor.
  2. Sealing ring (18) gaps to be 180° apart. Gaps horizontal with driver blade.
  3. Refer SL 21/004 for fuel nozzle pipe (28) bending procedure & tooling.

- Service Kit Item
- Loctite® 242
- ▲ Permatex® Blue 81724

All parts sold as single items unless described as a pack or set etc, or forms part of an assembly (multiple items defined within a box). ie. A part with no item number is only available in an assembly.

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**\*CAUTION:** Prior to ordering parts, determine the series of ESU & Fuel Injector installed by the colour coded label on each item. Refer SL 21/005.  
 Black series: Items 56 & 60  
 Red series: Items 56A & 60A  
**DO NOT MIX BLACK & RED COMPONENTS**

Torque Values (in/lb)			
Item	Torque	Item	Torque
51	12-16	64	18-20

Re-assembly notes:  
 1. Use acid free RTV silicon to adhere LED Controller (54) to RH handle (44).

**PARTS LEGEND**

**PASLODE IMPULSE IM90Xi Li FRAMER**

**B30000**

1	013797	4	Screw SHC M5 x 35	40	019275	1	Body Housing		
2	019121	1	Cap & Filter Assembly	41	013812	1	Grommet, Housing/Fuel Line		
3	013808	1	Retainer Assembly, Wire	42	013787	1	Flange, Retaining		
■	4	900596	5	Screw SEMS TX 8-32 x 7/16	■	43	013813	4	Screw SHC M5 x 16
5	019077	1	Motor Assembly, Fan	44	019297	1	Handle Assembly (LH/RH)		
6	013731	1	Spark Plug Assembly	45	014998	1	Label, Data Plate		
7	401356	1	Sleeve, Fan Motor (ALT 321590)	46	019119	1	Trigger		
8	013740	1	Cylinder Head	47	013783	1	Spring, Trigger		
*●	9	321650	1	O-Ring, Cylinder Head (Black)	48	019084	1	Lock Bar, Chamber	
10	403167	1	Fan Blade Assembly (ALT 321660)	49	013734	1	Lever, Switch Contact		
11	019288	1	Combustion Chamber Assembly	50	013785	1	Pivot Plate, Switch Contact Lever		
12	013750	1	Air Dam	51	013798	11	Screw T20 M4 x 12		
* 13	019073	1	Wear Plate, Chamber Lock	52	014999	1	Label, LED Power/Energy Lights		
■	14	013805	2	Screw PH TF M4 x 8	53	019089	1	Start/Energy Button	
15	013781	2	Pin, Stop	54	019091	1	LED Controller		
16	336680	1	Ring, Retaining	55	019286	1	Harness Assembly		
* 17	019296	1	Driver & Piston Assembly	56	019097	1	Electronic Spark Unit (ESU) (Black)		
*●	18	336670	2	Ring, Piston Seal	56A	019096	1	Electronic Spark Unit (ESU) (Red)	
*●	19	013743	1	O-Ring, Sleeve	57	019273	1	Battery Receptacle Assembly	
* 20	013778	1	Bumper	58	019088	1	Eject Button Assembly		
21	019292	1	Sleeve Assembly	●	59	013739	1	Plug Connector, Fuel Injector/Fuel Tube	
22	404423	1	Cover, Muffler (ALT 336580)	60	019117	1	Fuel Injector Assy (Black)		
*●	23	404422	1	Muffler (ALT 336570)	60A	019116	1	Fuel Injector Assy (Red)	
*●	24	404424	1	Reed Valve (ALT 336560)	61	019282	1	RFDI Antenna, Fuel Quantity	
■	25	900595	3	Screw TX 8-32 x 3/8 (M4 x 9)	62	019290	1	Spring & Retainer Assembly, Hook	
▲	26	404425	1	Reed Plate	63	019284	1	Hook, Belt/Rafter	
27	404426	1	Baffle, Exhaust	64	013799	4	Screw T20 M4 x 25		
28	013737	1	Fuel Nozzle Pipe & Tube Assembly	65	019281	1	Cover, Handle		
29	013738	1	Bracket, Fuel Line	66	014989	2	Label, IM90Xi (Mag Release Latch)		
30	019283	2	Guide, Spring	67	019293	1	Latch, Magazine Release		
31	019276	2	Spring	68	013763	1	Channel, Nail		
32	019289	1	Bumper & Guide Assembly, Yoke	69	013741	1	Shear Block		
■	33	019287	2	Screw SHC M5 x 10	70	019280	1	Cover Plate, Magazine	
34	019274	1	Yoke	71	019291	1	Magazine Halves (LH/RH)		
35	019277	1	Nose	72	013762	1	Follower, Pin & Spring Kit		
■	36	019819	2	Screw T25 M5 x 12	73	013767	1	Spring, Negator	
37	019294	1	Knob Assy, Depth of Drive Adjustment	74	019279	1	Body, Follower		
38	019278	1	Probe	75	010015		AR Service Kit		
39	015000	2	Label, Body Housing Logo						

\* Normal Wear Items

● Included in Service Kit

■ Apply Loctite® 242 (Blue)

▲ Apply Permatex® Ultra-Blue Gasket Sealant 81724

AR As Required

**ACCESSORIES**

201	B20543A	Battery Li	207	019783	No Mar Probe Assy
202	018883	Charger Kit 240VDC (ANZ)	208	N/A	
203	018887	Power Cord 240VDC (ANZ)	209	1X1000	Fuel Nozzle Pipe Bending Tool
204	900507	Car Charger Adaptor 12V	210	401331	4mm Hex Key
205	014977	Carry Case	211	B20544F	Impulse Oil (ANZ Only)
206	013256	No Mar Tip Service Kit	212	B20544L	Degreaser (ANZ Only)

**Remove battery, fuel & staples before commencing service.**



**Use eye and ear protection when operating/testing tools.**

**Use eye protection when cleaning tools.**

**Use degreaser in a well ventilated area.**



**All parts must be periodically inspected and replaced if worn or damaged.**

**Failure to comply can affect the tool's operation and present a safety hazard.**

# ACCESSORIES - IM90Xi & IM90Ci Li Framer

B20543A		Battery	018883		Charger Kit
018887		Power Cord	900507		Car Charger Adaptor 12V
014977		Carry Case (Standard magazine)	013256		No Mar Tip Service Kit
019783		No Mar Probe Assembly (IM90Xi)	013211		No Mar Probe Assembly (IM90Ci)
1X1000		Fuel Nozzle Pipe Bending Tool	401331		4 mm Hex Key
B20544F		Impulse Lubricating Oil	B20544L		Degreaser