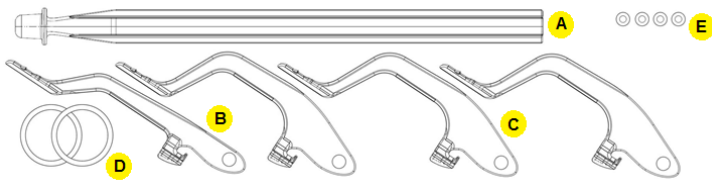


F4 INSERTER

FOR RAPID AND EFFECTIVE INSERTION OF ADEPT'S TWO FLANGE PLUG

1503-820 MAINTENANCE KIT

To ensure the F4 Inserter maintains optimal performance and reliability, it is recommended the following Maintenance Kit components are replaced when showing any signs of wear.



This maintenance kit comprises of:

Item	Description	Part No	Qty
A	F4 Inserter – Actuating Rod	1503-011D	1
B	F4 Inserter – Lower Arm	1510-011	1
C	F4 Inserter – Upper Arm	1510-012	3
D	O-Ring 1" x 3/32	1503-015	10
E	F4 Inserter – Arm Spacer	1503-003	4

Installation instructions:

Refer to the Part Reference Diagram below for part identification and assembly details.

Actuating Rod

Use an Allen Key to remove the 9 x Cap screws from the F4 handle housing (**Item 8**) and separate the two handle parts (**Item 8 & 9**) allowing access internally. Remove the Pneumatic Cylinder (**Item 18**), the Actuating Rod (**Item 5**) will unscrew from the end of the cylinder ram after the back nut is loosened. Install the new actuating rod and reassemble the F4.

Lower and Upper Arms

Use an 8mm Spanner to remove the 3 x Upper (**Item 7**) and 1 x Lower Arm Assemblies (**Item 6**) from the F4 Housing. Install replacement arms and included replacement 4 x Arm Spacers (**Item 10**).

Do not overtighten M4 cap screws to avoid jamming the arms.

Important: Ensure the Lower Arm (Item 6) is installed on the bottom inserter mounting point. The lower arm is smaller than the Upper Arms and must be installed in the bottom position for correct F4 operation.

O-Rings

Remove the 2 x O Rings (**Item 17**) from the hooks on the Lower (**Item 6**) and Upper arms (**Item 7**), replace with 2 x new items.

Part Reference Diagram:

Item	Description	Part No	Qty
1	ARO Fitting SS ¼ BSPT (Male)	1503-005	1
2	Connector Elbow 4mm – G 1/8	1503-008	6
3	Connector 8mm – G 1/4	1503-013	1
4	Connector 8mm – G 1/8	1503-014	1
5	F4 Inserter – Actuating Rod	1503-011D	1
6	F4 Inserter – Lower Arm	1510-011	1
7	F4 Inserter – Upper Arm	1510-012	3
8	F4 Inserter – Handle LHS	1503-001C	1
9	F4 Inserter – Handle RHS	1503-002C	1
10	F4 Inserter – Arm Spacer	1503-003	4
11	F4 Inserter – Trigger	1503-012	1
12	F4 Inserter – Wear Pad	1505-005	4
13	M5 Nyloc Nut	N/A	13
14	M5 x 12 Capscrew	N/A	8
15	M5 x 25 Hex Head Bolt	N/A	4
16	M5 x 30 Capscrew	N/A	1
17	O-Ring 1" x 3/32	1503-015	2
18	F4 Inserter – Pneumatic Cylinder	1503-006	1
19	Air Hose – 8mm Spiral S/L x 4M	1503-009	1
20	PU Tube Clear - 4mm x 100mm	N/A	2
21	PU Tube Clear - 4mm x 270mm	N/A	1
22	F4 Inserter – Pneumatic Trigger Valve	1503-007	1
23	Spring Hook S/S – 7mm	1503-019	1

