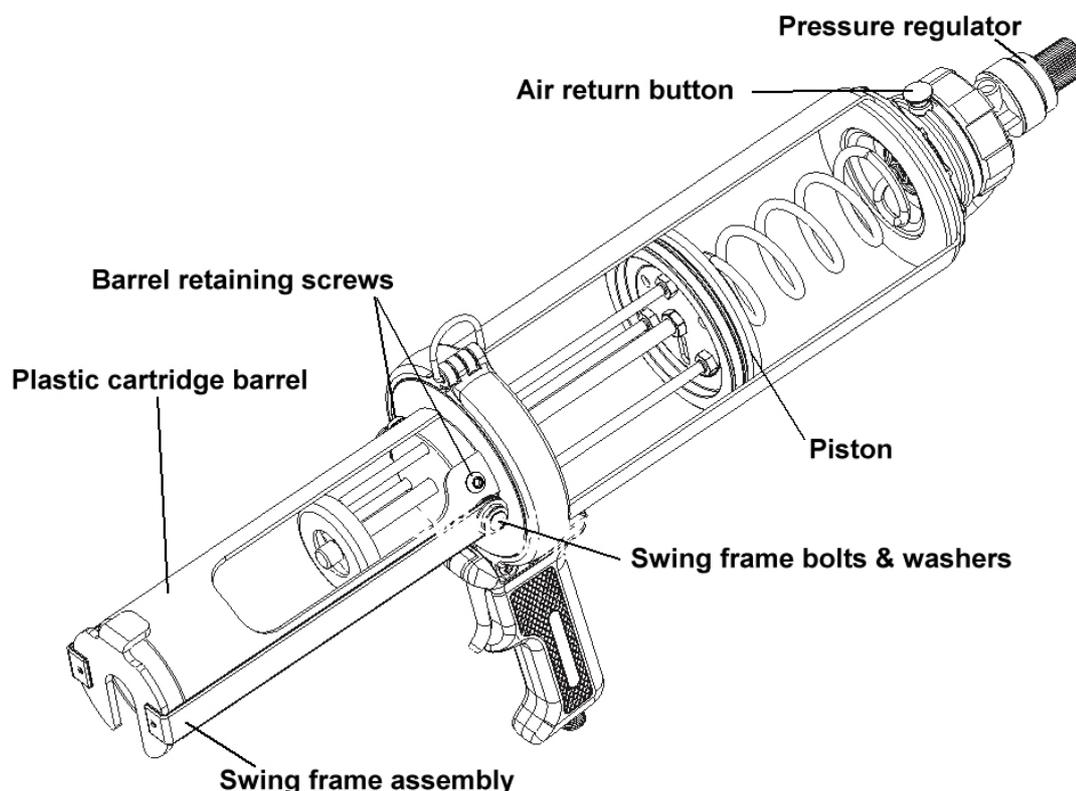


CCA OPERATING / MAINTENANCE INSTRUCTIONS

SAFETY

Please remember that this applicator generates the large forces required to dispense high viscosity materials at fast speeds. This gun must NEVER be operated if there are missing, loose or broken parts. If, during normal maintenance, spare components are required, then they can be purchased direct from the manufacturer (see page 3 for details). Cox North America also offers a full servicing and repair service for customers requiring it.

GUN OVERVIEW



PREVENTATIVE MAINTENANCE

Regularly clean the gun using the adhesive manufacturers recommended solvent and a rag – Do not immerse the gun in the solvent as this may attack the plastic parts over extended periods.

On a weekly basis, check all external bolts and screws to make sure they are tight. Also, check to make sure that no part has broken or is damaged.

Once a month, place a small amount of oil into the air pipe to keep the seals and O-rings lubricated. Significant gains to the life of the gun will be experienced if this task is carried out. Note: If the trigger feels sticky, then this is a clear indication that lubrication is required.

GOOD PRACTICE

Always load the cartridge correctly using the following method.

- Fully retract the plungers by pressing the air return button and operating the trigger.
- Lift up the frame and insert the cartridge / nozzle.
- Lower the frame, making sure the front plate locates against the plastic barrel. This aligns everything correctly and reduces the chance of any product by-passing during dispensing. **WARNING!** If the plastic barrel is damaged or the frame assembly loose, the gun must not be operated.

After finishing with a cartridge, always remove it from the barrel. Check to see if any product has by-passed and contaminated the plungers. Any product should be removed immediately using the recommended solvent before it has time to set or enter the innards of the gun.

Place the gun carefully on the bench after dispensing – Do not drop or throw it, as this will cause damage over time. If the gun is used in a production environment, a soft pad or cradle will reduce the chances of damage significantly.

MAINTENANCE INSTRUCTIONS

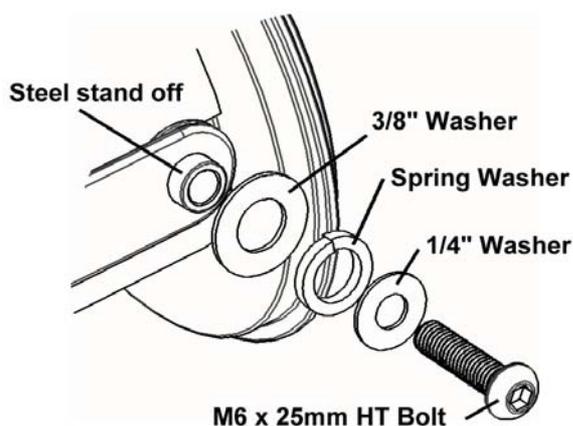
PLASTIC CARTRIDGE BARREL

Check at least weekly for any signs of cracking or splitting on the plastic barrel, paying particular attention around the mounting holes. If a split is found, loosen and remove the three, barrel-retaining screws. The cartridge can then be pulled forward off of the bulkhead. Re-fit a new barrel and tighten the three screws.

Previous designs of this gun do not have the three retaining screws. To change the barrel on these guns, the two swing frame bolts and their washers must be removed. Take special care to note how the washers are fitted before removing (see below). Once the swing frame bolts have been removed, the plastic barrel can be removed and replaced.

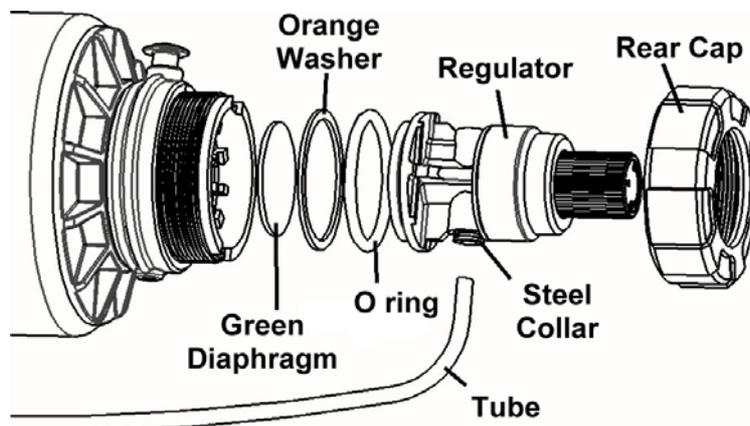
SWING FRAME BOLTS AND WASHERS

Check at least weekly that these bolts are tight. If either have come loose, then tighten accordingly, but do NOT use excessive force. **NOTE:** If the gun is fitted with a hexagon type bolt instead of the dome head one pictured, then contact Cox for a free replacement pack.



PRESSURE REGULATOR

During normal use, the regulator requires no maintenance and should not be taken apart. If air starts to leak from the rear of the gun, first try tightening the back cap. If this does not work, then the regulator has cracked due to the gun being dropped or similar. Order a replacement regulator and fit using the procedure below.



- 1) Remove the airgun tube from the regulator by firmly pressing in the steel collar and then pulling the connecting tube out. A flat screwdriver will assist in this operation.
- 2) Unscrew the rear cap fully and pull the regulator out of the body.
- 3) Remove the O ring and orange plastic washer from the dump valve body. (The O ring might be on the regulator body and there might not be an orange washer as this is a design improvement carried out in 2002).
- 4) Check the green diaphragm is fitted and located centrally before starting to re-assemble. Try to keep the gun positioned vertical as this stops the diaphragm moving during the assembly process.
- 5) Fit the orange washer in to the dump valve body, followed by the O ring.
- 6) Fit replacement regulator in to the dump valve body. Fit and loosely tighten the back cap. At this point, orientate the regulator so that you will be able to fit the connecting tube.
- 7) Fully tighten the back cap and push in the tube.
- 8) Test gun, making sure that air escapes quickly when the trigger is released. If the air only escapes slowly, then the diaphragm is "pinched" in the body. Repeat the above procedure and make sure the diaphragm is located centrally.

P C COX LIMITED
 Turnpike Industrial Estate
 Newbury,
 Berkshire.
 RG14 2LR
 ENGLAND
 Tel: +44(0)1635 264500
 Fax: +44(0)1635 264555
www.pccox.co.uk

COX NORTH AMERICA INC.
 8181 Coleman Road,
 Haslett,
 Michigan.
 48840
 USA
 Tel: +1(517)339 3330
 Fax: +1(517)339 3806
www.cox-applicators.com

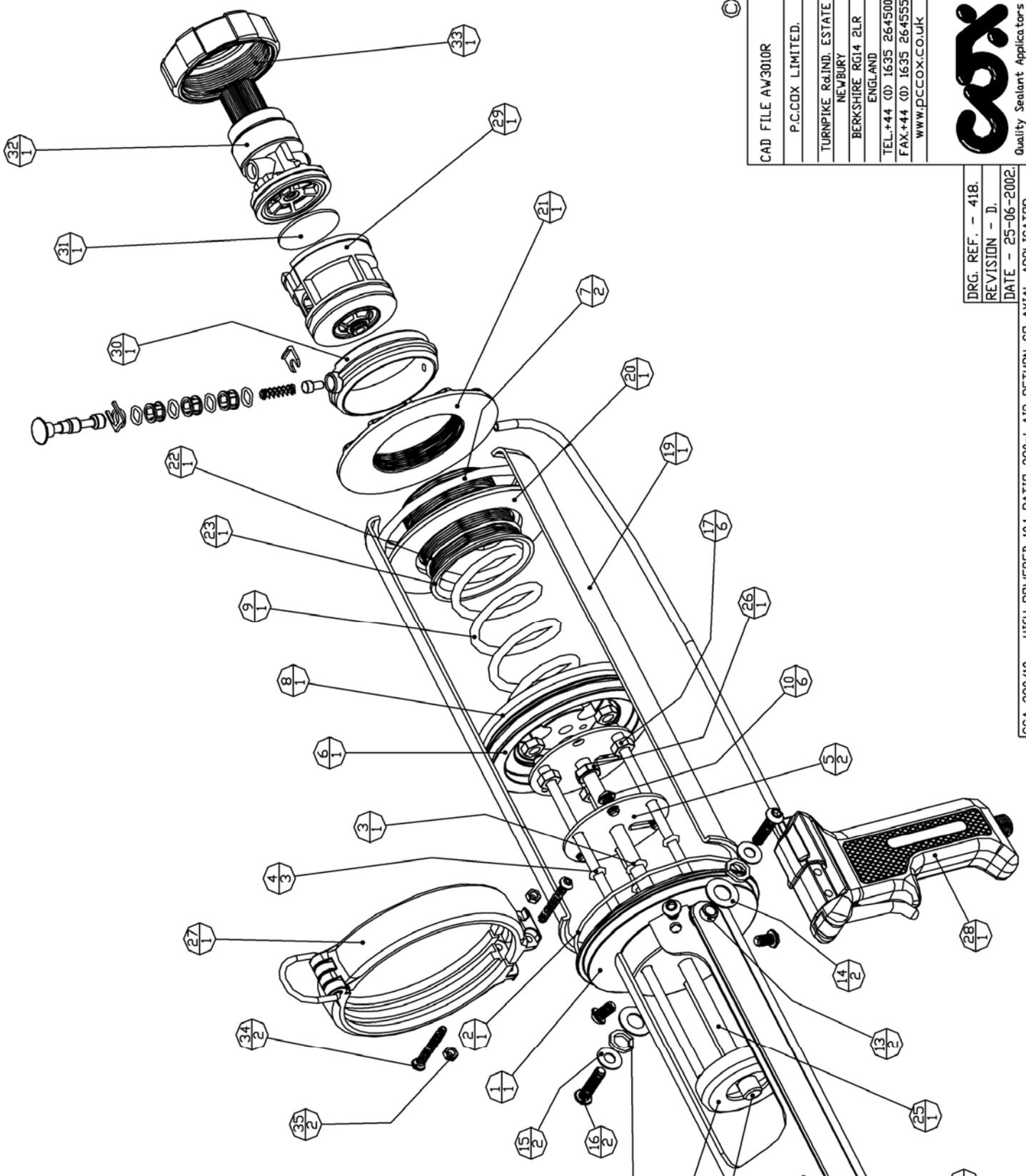


CAD FILE AW3010R
 P.C.COX LIMITED.
 TURNPIKE RAIND. ESTATE
 NEWBURY
 BERKSHIRE RG14 2LR
 ENGLAND
 TEL:+44 (0) 1635 264500
 FAX:+44 (0) 1635 264555
 WWW.PCCOX.CO.UK

DRG. REF. - 418.
 REVISION - D.
 DATE - 25-06-2002.

CCA 380/10 - HIGH POWERED 10:1 RATIO 380ml AIR RETURN CD-AXIAL APPLICATOR.

[-]	STOCK NCI.	DESCRIPTION	PART NCI.	QTY
1	3B5100	BULKHEAD BUNG.	5050	1
2	2S2024	O RING.	4509	1
3	2S2012	O RING BS. 109.	5014	1
4	2S2035	O RING BS. 107.	5054	3
5	3B5101	PRESSED PLATE.	5052	2
6	3P1103	PISTON ASSY.	5051	1
7	2S2010	O RING BS. 341.	4112	2
8	2S2126	3 7/8" U SEAL.	4115	1
9	3T3500	COILED TUBE.	5012	1
10	2F1641	SCREW M6 x 10mm.	4010	6
11	7B4005	PLASTIC SLEEVE.	4429	1
12	4AV2002	SWING FRAME.	4422	1
13	3XS008	STAND OFF	4020	2
14	2F1408	WASHER 3/8" I-D.	4021	2
15	2F1407	WASHER 1/4" I-D.	4023	2
16	2F1661	SCREW M6 x 25mm.	4056	2
17	2F1233	NUT 1/4"	5059	6
18	4AV2016	OUTER PLUNGER 101	5058	1
19	7B6551	BARREL 3 7/8" I-D.	5016	1
20	2R1014	REDUCER FLANGE.	5028	1
21	3R4011	PLASTIC BACKING RING.	5025	1
22	2S2038	O RING BS 034.	5027	1
23	3R4010	REDUCER A/RETURN 2"	5026	1
24	2P1004	PLUNGER 11mm DIA.	4406	1
25	7R1184	ROD-INNER PLUNGER.	5060	1
26	2F1204	NUT M8 (HALF)	0015	1
27	7X1017	4" STRAP ASSY.	4114	1
28	4B1264	BUTT ASSY.	0350	1
29	7A1500	DUMP VALVE ASSY. A/R.	5011	1
30	7A1506	SPOOL VALVE ASSY A/R.	5010	1
31	2S2150	DIAPHRAGM (GREEN).	5004	1
32	7A1503	REGULATOR (100 PSI)	5006	1
33	7C1001	REAR CAP - 18 TPI.	0045	1
34	2F1629	SCREW M4 x 35mm.	4011	2
35	2F1203	NUT M4.	4012	2
36	2F1404	WASHER 3/8" (SPRING).	4022	2



SCALE 0.500