

COAT SENSOR LEGS AND CONNECTIONS WITH ARALDITE 2015 TO REDUCE POTENTIAL OF CONTACT WITH WATER

ENSURE CUTS ARE ALIGNED WITH BLEED SCREWS ON ASSEMBLY

THRUSTER PEDESTAL

**DETAIL A**  
SCALE 1:1

SOLDER CAPACITOR AS PER WIRING DIAGRAM AND BEND/CUT SENSOR LEGS TO FIT

ALIGN WITH COMP ENTRY & FEED CABLES THRU CHANNEL ON ASSEMBLY

CABLE TIE THRU THESE HOLES TO RETAIN WIRING (MIN 1 TIE) ENSURE HEAD OF CABLE TIE IS WITHIN RECESS

VARIANT SEE SHEET 2

**DETAIL B**  
SCALE 1:2

JOIN WIRING FROM SENSOR AND BULKHEAD CONNECTOR IN THIS RECESS. COIL ALL EXCESS CABLE SEE WIRING DIAGRAM

ENSURE CUTOUTS IN SENSOR RING ARE ALIGNED WITH BLEED SCREW BEFORE INSERTING SCREW!

THRUSTER MOTOR

NOTES

- 1 CAUTION! THRUSTERS AND MOTORS ARE HEAVY! TAKE APPROPRIATE PRECAUTION AND FOLLOW MANUAL HANDLING PROCEDURES WHEN MANIPULATING THRUSTER ASSEMBLIES WHOLE OR IN PART.
- 2 BAG & LABEL WITH DRAWING & ISSUE NUMBERS TO A001-006-313.
- 3 REMOVE OLD GASKET, CLEAN MATING FACES AND REPLACE GASKET SEAL WITH NEW WHEN REASSEMBLING
- 4 DO NOT DAMAGE MATING FACES OF THRUSTER MOTOR OR PEDESTAL DURING ASSEMBLY. PROTECT AS REQUIRED
- 5 FEED WIRING FROM SENSOR RING (A) THRU THRUSTER PEDESTAL COMP ENTRY TO INTERCONNECTION JUNCTION BOX (B)
- 6 REFER TO LATESTS THRUSTER MANUAL/TECHNICAL BULLETIN FOR APPROPRIATE TIGHTENING TORQUE FOR MOTOR/PEDESTAL SCREWS
- 7 FIT SENSOR AS DETAILED
- 8 FIT ITEM (36) BETWEEN PEDESTAL AND BRACKET ON ASSEMBLY ONTO VEHICLE
- 9 ASSEMBLE INDICATED ITEMS WITH LOCTITE 270 IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS. USE ONLY ON THREADS IN ITEM (23)
- 10 ORIENTATE COMPONENT WITH RADIUS EDGE AS SHOWN.
- 11 REMOVE/DISCARD 1/2 BSPP TO SWAGELOK FITTING FROM CASE DRAIN PORT.

SEE SHEET 2 FOR VARIANT ITEMS

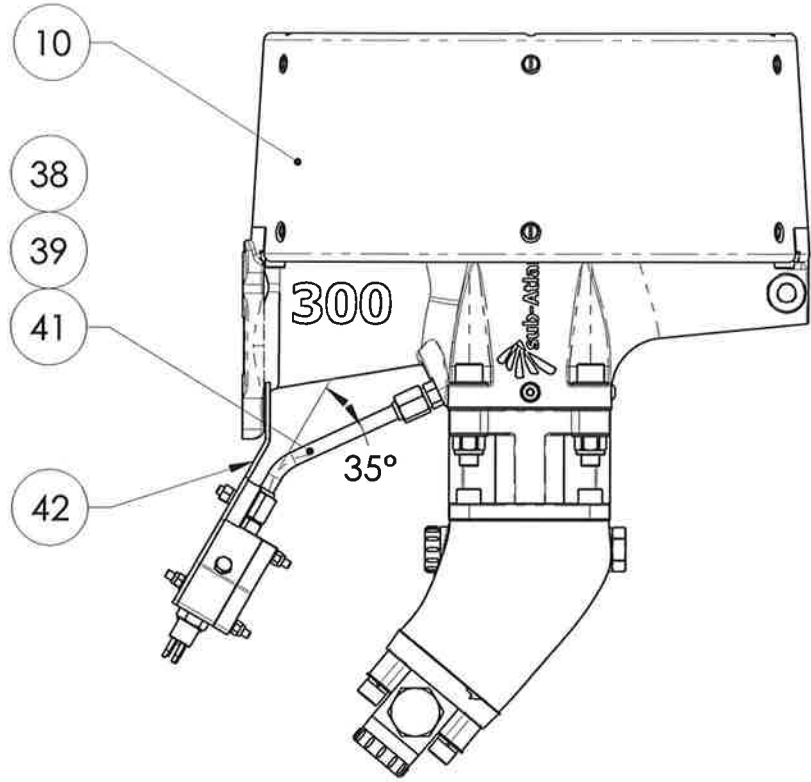
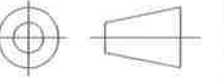
FOR PARTS LIST, SEE A4 DOCUMENT WITH SAME DOCUMENT NUMBER

PART NUMBER	PART DESCRIPTION
B202-245-100/01	THRUSTER SPEED FEEDBACK SENSOR GENERAL ASSEMBLY FOR XLX VERT SA300
B202-245-100/02	THRUSTER SPEED FEEDBACK SENSOR GENERAL ASSEMBLY FOR XLX HORIZ SA380

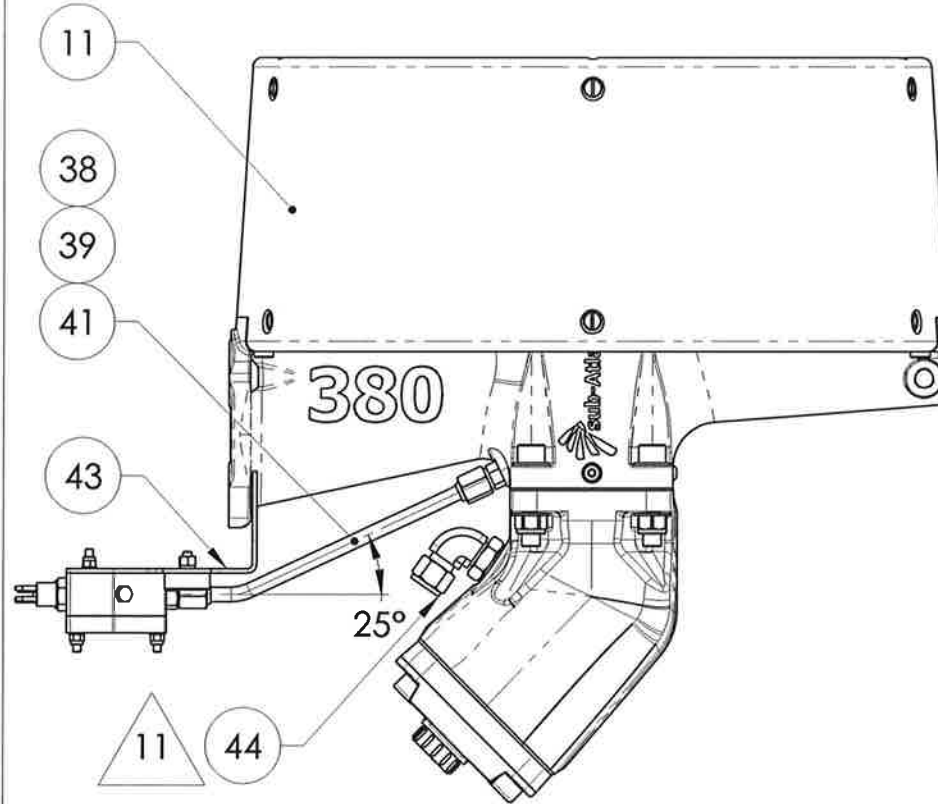
USED ON	CURRENT ISSUE	RECORD OF FIRST ISSUE	DRAWN/ALT BY	CONFIDENTIALITY CATEGORY: C2. IN ACCORDANCE WITH FORUM ENERGY TECHNOLOGIES (UK) LTD. PROCEDURE Q001-005-002, CONFIDENTIAL FORUM ENERGY TECHNOLOGIES (UK) LTD., DISCLOSURE TO THIRD PARTIES ONLY WITH SIGNED CONFIDENTIALITY AGREEMENT. THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION, PROPERTY OF FORUM ENERGY TECHNOLOGIES (UK) LTD. COPYRIGHT FORUM ENERGY TECHNOLOGIES (UK) LTD., ALL RIGHTS RESERVED	<b>FORUM</b> TITLE THRUSTER SPEED FEEDBACK GENERAL ASSEMBLY	ISSUE <b>13</b>
	RST	RBA	PROD			
		ACO	DO CHECKED		SIZE <b>A3</b>	MATERIAL DWG. NO. B202-245-100
		NLA	TO CHECKED		SCALE: 1:4	
		NLA	TO APPROVED			SHEET 1 OF 2 + A4
	31 MAR 15	29 OCT 12	ISSUE DATE			

IF IN DOUBT, ASK, DO NOT SCALE

THIRD ANGLE PROJECTION



**VARIANT \01**  
**THRUSTER SPEED SENSOR GA FOR XLX VERT SA300**



**VARIANT \02**  
**THRUSTER SPEED SENSOR GA FOR XLX HORIZ SA380**

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ISSUE  
**13**

TITLE **THRUSTER SPEED FEEDBACK GENERAL ASSEMBLY**

SIZE <b>A3</b>	MATERIAL -	DWG. NO. B202-245-100
SCALE: 1:5	-	SHEET 2 OF 2