



sabena B707	Module: ENGINE 1	A/C Reg :	Check :	 N2F1000500
	Oper. : RT-MP HT			
	Type : REI-INSP	Issuer : A43710	Cert.St.: 24828	Page 2 of 4
Spec. : REI INSP	Release Date: 05.02.2002			

SAB 26-209 ENG 1 INSP FIRE LOOP CONNECTORS

					MAINT	RII/INSP
Nr.	Hardtime	Task	Spec.	Related Documents		
1.			INS	SAB 26-209 rev 03-09-01		
Check:						
Zones:						
Access:						
<u>1. Remove sensing elements.</u>						
a) Open engine fire warning circuit breaker on ac bus n°2, panel P2.						
b) Disconnect sensing element fittings (see fig 01).						
<u>2. Inspect.</u>						
a) Inspect sensing element fittings for contamination or corrosion.						
<u>3. Install sensing elements.</u>						
a) <u>If necessary</u> , install new bushings, pins, wires & sleeves, (see fig 02).						
b) Connect sensing elements.						
<u>4. Test.</u>						
a) Close engine fire warning circuit breakers on ac n°2, panel P2 & test engine fire detection system.						
<u>NOTE:</u> Spare engines will be tested at first installation on aircraft.						

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MAINT RII/INSP

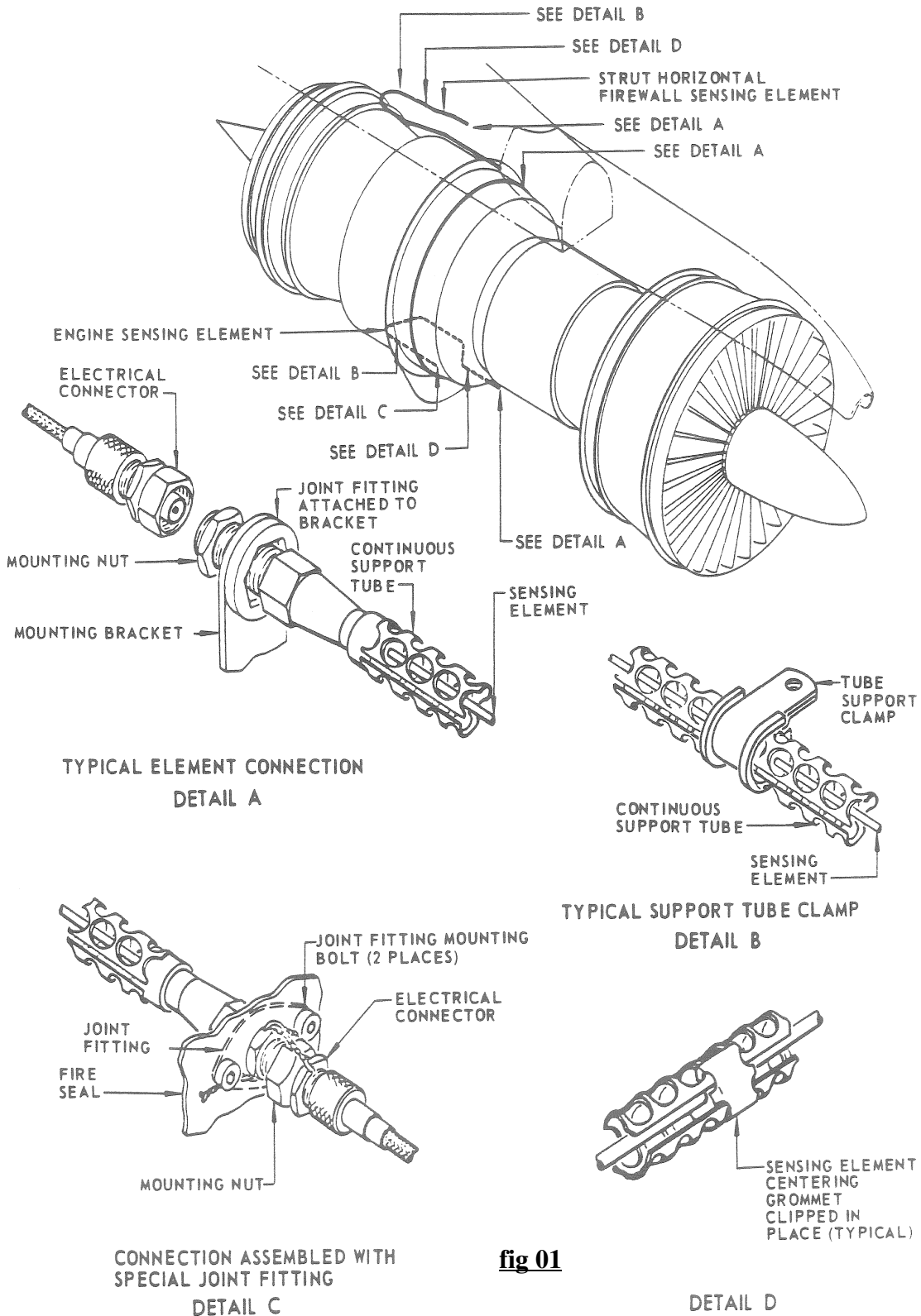



fig 01

sabena B707	Module: ENGINE 1	A/C Reg :	Check :	 N2F1000500 Page 4 of 4
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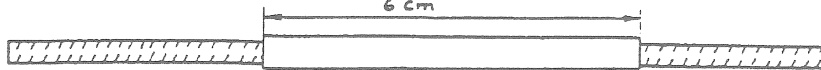
SAB 26-209 **ENG 1 INSP FIRE LOOP CONNECTORS**

MAINT RII/INSP

ASSEMBLY OF FENWAL CONNECTOR 35303-12 WITH NEW TEFLON BUSHING

N.B. To be used With high temperature Wire ROCKBESTOS R555-101R-18

- * 1. Slide tubing thermofit Kynar $\phi 3/16$ over wire
6 cm

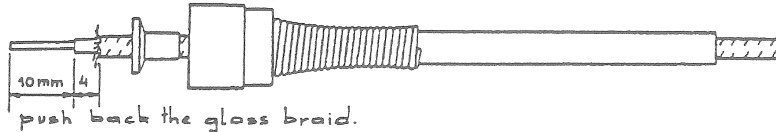


* Only With new wire

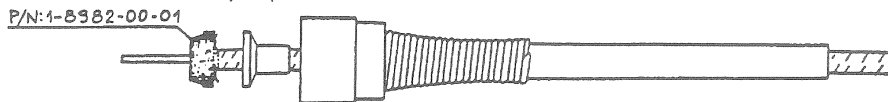
- 2. Slide end Cap on ferrule over wire



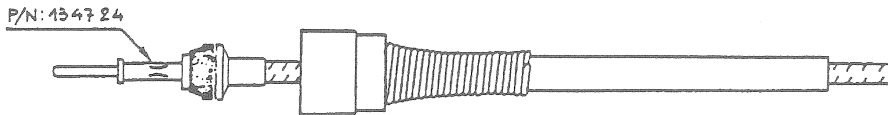
- 3. Prepare wire by stripping insulation back with a sharpened blade.



- 4. Slide the new TEFLON bushing (SABENA 1-8582-00-01) over the prepared insulation.



- 5. Place the contact pin (FENWAL 134724) on wire
N.B. The pin must be close to the TEFLON bushing - Cut extra length if necessary
- 6. Crimp the contact using an AMPHENOL tool type 254 with the Locator (SABENA: FENWAL-1) screw adjusted at 37 mm.



- 7. Place the ceramic on the contact pin.
Engage the teflon bushing in the housing assy and assemble the connector.
- 8. Tighten nut with the 2 wrench tools, in such a manner that the TEFLON is compressed to a maximum. Repeat this operation five minutes later to get the good sealing
- 9. Shrinks thermofit with thermogun.

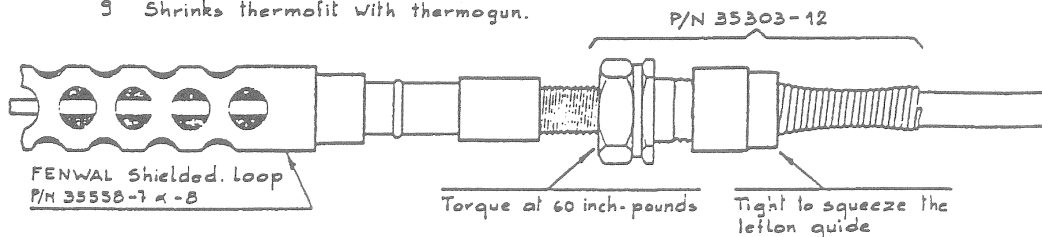


fig 02