

CHAP. 1	AIRFRAME	SERVICING PROCEDURE	BAC F53 & T55 (SA)
S.P. 9	A.L. 9	F53 T55	5A3A Section 1
SHEET 1	OF 4		2nd Edition

No.2 Engine Hatch - Removal	AFSC 43151 42350 43250 42251	TIME EST
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.		

**SPECIAL TOOLS AND EQUIPMENT**

Socket (IL/NIV 5/16 AF Bi-Hex extra deep).  
 Spanner brace (26DK/95084).  
 Spanner (26DK/95425).  
 Lifting beam (26DK/95435).  
 Multi purpose servicing hoist (4GC/4232366).  
 Jib No. 3 (4GC/4232396).

NOTE: On removal, check for signs of fouling, especially between air cooling duct Part No. EF3-11-6257 and HP fuel pipe Part No. BR 60870 - minimum clearance of 0.25 in.

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1. PREPARATION

1.1 Aircraft. Trestle at Frame 59.

1.2 Spine cover (Vis Recorder). Remove.

1.3 Spine cover (Forward). Remove.

1.4 Spine cover (Bleed air Turbine). Remove.

1.5 Spine cover (Rear). Remove.

1.6 Slingshot point access panel. Open.

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2. PREPARATION

2.1 HE unit LT lead; access panel 67P (left). Disconnect.

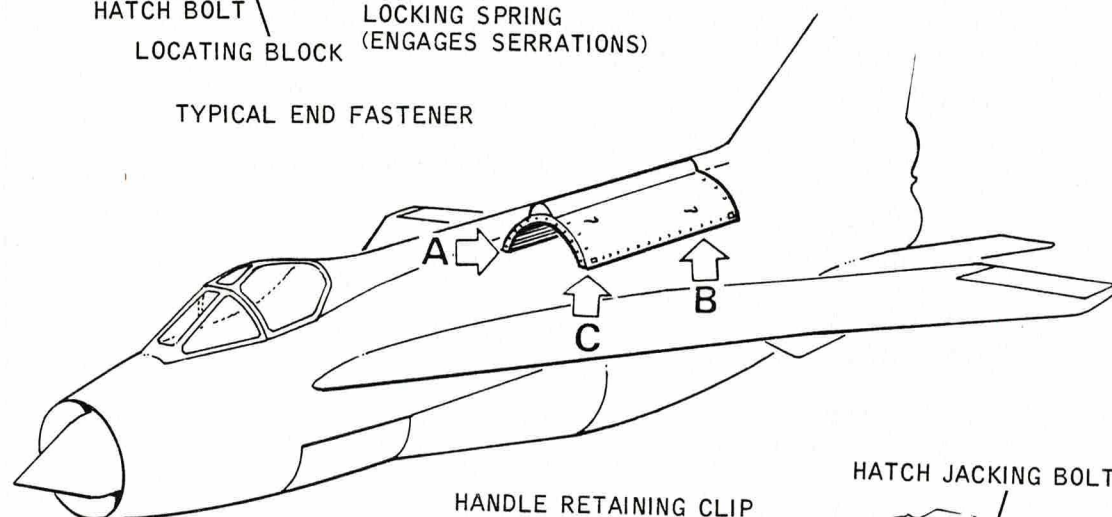
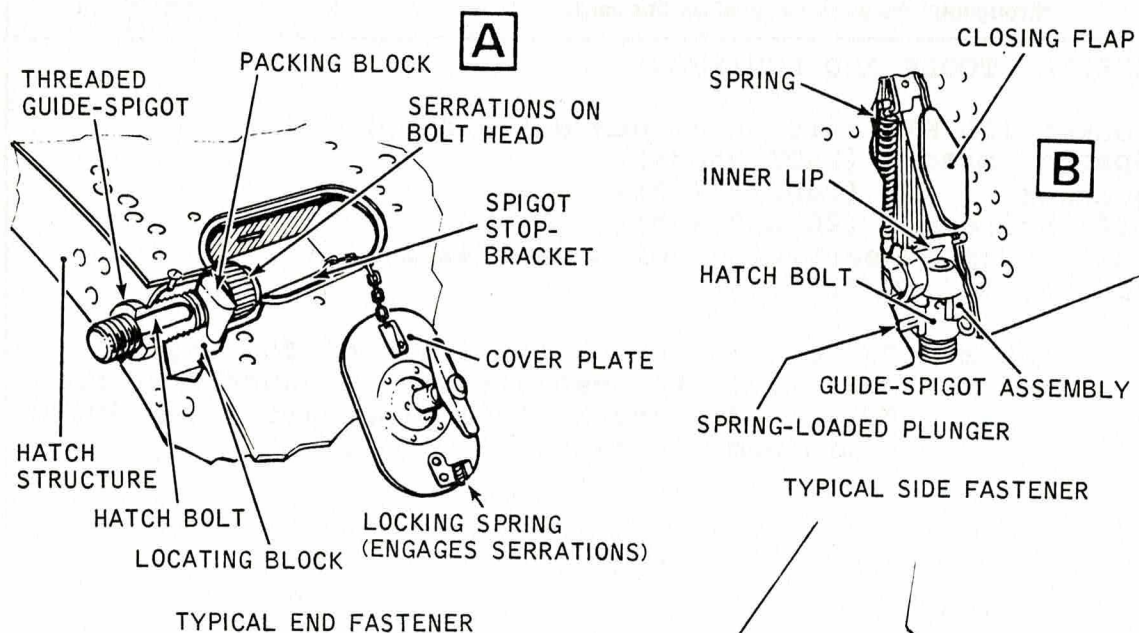
2.2 Electrical and AI 23S recorder plugs; access panel 55P (left). Disconnect.

Continued Overleaf

**SERVICING PROCEDURE INSPECTION STAGES DO NOT EXCLUDE ADDITIONAL INSPECTION STAGES INCORPORATED AS NECESSARY IN MAINTENANCE CERTIFICATION DOCUMENTS**

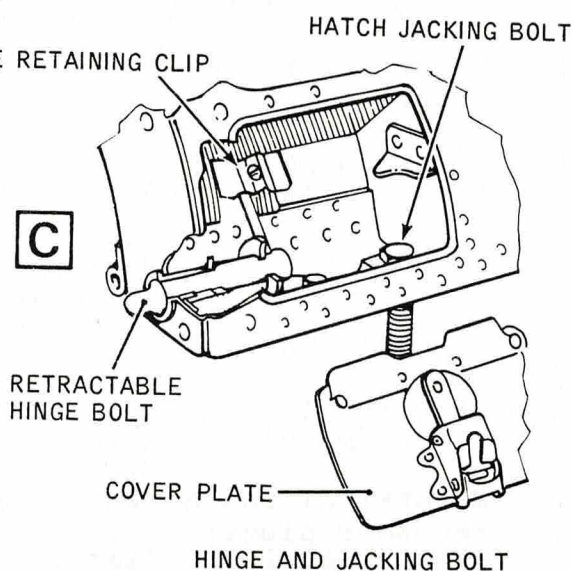
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HINGES AND JACKING BOLTS ON UPPER HATCH ONLY (HINGES ON LEFT SIDE ONLY)

NO.1 ENGINE HATCH INTEGRAL WITH VENTRAL PACK



NO.2 ENGINE HATCH REMOVAL/FITTING

FIGURE 1

Continued

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## 2. PREPARATION (Cont'd)

- 2.3 Igniter plug HT leads; access panel 67P (Left).  
 (i) Disconnect left lead from igniter plug.  
 (ii) Disconnect right lead from T-joint No.2 engine compartment floor.

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## 3. PREPARATION

- 3.1 Bleed air turbine bellows air pipe assembly. Remove.  
 3.2 Split panel. Remove.

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## 4. REMOVAL

- 4.1 Side bolts (See Fig.1). Remove, using spanner brace (26DK/95084).  
 4.2 End-bolt cover plates. Open.  
 4.3 End bolts. Remove, working from each side towards centre, using spanner 26DK/95425.  
 4.4 End-bolt spigots (see Fig.1).  
 4.5 Lifting beam (26DK/95435).  
 (i) Support.  
 (ii) Fit.  
 4.6 Flaps. Ensure lowered.  
 4.7 Multi purpose servicing hoist with No.3 Jib. Connect to lifting beam.  
 4.8 Hatch. Raise clear of aircraft ensuring cables are guided during lifting operation. Use jacking bolts to raise initially.  
 4.9 Jacking bolts (4 off).  
 (i) Fully retract.  
 (ii) Place hatch on suitable stand.

Continued Overleaf

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NOTE: Item 5 not applicable when in phase with PE 225.

5. EXAMINATION

- 5.1 Bolt and spigot assemblies (010342).
- (i) Examine, particularly for cracks distortion, scoring or wear and faulty or broken locking devices.
  - (ii) Lubricate (Grease XG-287).
- 5.2 Bolt and packing blocks (010343). Examine particularly for cracks.

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