

CHAP 1 AIRFRAME	SERVICING PROCEDURE	BAC F53 & T55 (SA)	
SP 55 AL 4	F53 T55	5A3A Section 1	
SHEET 1 OF 2		2nd Edition	
Nose Undercarriage Retraction Jack - Removal		AFSC 42152 43151 46250	TIME EST
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.			
SPECIAL TOOLS AND EQUIPMENT			ASSOCIATED PROCEDURES
Tyre inflation rig (4G/1050542).			SP 603 (AF)
<u>4 3 1 5 1</u>			
1. PREPARATION			
1.1 Aircraft.	(i)	Raise on jacks until all wheels are clear of the ground.	
	(ii)	Trestle at FR 59.	
1.2 Nose U/C door.	Disconnect links at door attachment.		
<u>4 6 2 5 0</u>			
2. PREPARATION			
2.1 Weapons pack.	Remove using relevant SP.		
<u>4 2 1 5 2 / 4 3 1 5 1</u>			
3. PREPARATION			
3.1 Ground air charging/ release connexion (Access panel 63P (left)).	Remove blank.		
3.2 Services hydraulic systems.	Release pressure by operating brake lever.		
3.3 Hydraulic test trolleys.	(i)	Prime.	
	(ii)	Bleed.	
3.4 No.1 Services ground test connexions (Access panel 45P (left)).	Connect hydraulic test trolley.		
3.5 No.1 Controls ground test connexions (Access panel 45P (left)).	Connect hydraulic test trolley.		
3.6 Hydraulic Reservoirs (Services and No.1 controls systems).	Replenish (SP 603 (AF)).		
			Continued Overleaf
SERVICING PROCEDURE INSPECTION STAGES DO NOT EXCLUDE ADDITIONAL INSPECTION STAGES INCORPORATED AS NECESSARY IN MAINTENANCE CERTIFICATION DOCUMENTS			

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3. PREPARATION (Contd)

- 3.7 Tyre inflation rig (4G/1050542). (i) Connect to ground air charging/release connexion.  
(ii) Set rig to deliver a pressure between 16 & 18 lbf/in<sup>2</sup>.

4. REMOVAL

- 4.1 Jack down line swivel coupling. (i) Disconnect at shuttle valve.  
(ii) Discard bonded seals.  
(iii) Fit blanks.
- 4.2 Jack up line swivel coupling. (i) Disconnect at jack body.  
(ii) Discard bonded seals.  
(iii) Fit blanks.
- 4.3 Jack trunnion grease pipes. (i) Disconnect.  
(ii) Discard bonded seals.
- 4.4 Jack ram eye-end. (i) Remove split pin.  
(ii) Remove slotted nut.  
(iii) Withdraw attachment pin.
- 4.5 Jack trunnions. (i) Remove split pins (quantity 4).  
(ii) Remove slotted nuts (quantity 4).  
(iii) Withdraw bolts.
- 4.6 Nose undercarriage retraction jack. Withdraw aft.

NOTE: If a replacement jack is to be fitted, transfer the shuttle valve from unserviceable unit.

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