

CHAP 4 AIRFRAME	SERVICING PROCEDURE	BAC F53 & T55 (SA)
SP 454 AL 11	F53 T55	5A3A Section 1
SHEET 1 OF 3		2nd Edition
Main Undercarriage Leg Fitting Jack Bracket - Re-torque load Bolts		AFSC
		43151/42152
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.		43171/42172
NOTE: This procedure is a sequent action to SP 60 (AF) and SP 455 (AF) at 50 (plus/minus 10) retractions and then every 100 (plus/minus 10) retractions. Only release torque load and re-apply the torque load to one bolt in turn.		ASSOCIATED PROCEDURES
		SP60 (AF) SP106 (AF) SP119 (AF)
<u>43151</u>		
1. PREPARATION		
1.1 Aircraft	(i) Raise on jacks until all wheels are clear of the ground.	
	(ii) Trestle at Frame 59.	
	(iii) Connect hydraulic rigs I.A.W. SP 106 (AF).	
<u>43151/42152</u>		
2. REMOVAL		
2.1 Retraction jack, eye end assembly.	(i) Disconnect from the main fitting bracket.	
	(ii) Move clear of the lugs and support the jack.	
<u>43171/42172</u>		
3. INSPECTION STAGE		
3.1 Jack bracket bolts.	(i) Place a coinciding mark across adjacent faces of bolt heads and bracket with a sharp pointed pencil.	
	(ii) Release each bolt in turn 0.10 in of circumference from the adjacent marks.	
	(iii) Re-torque load each bolt in turn to installation figure recorded on RSAF Form 1600-1. To regain this torque load value it should be achieved at the coinciding of the marks or up to 0.10 in of circumference beyond the bracket mark.	
	(iv) Lock all bolts with wire (See Fig.1).	
		Continued Overleaf
SERVICING PROCEDURE INSPECTION STAGES DO NOT EXCLUDE ADDITIONAL INSPECTION STAGES INCORPORATED AS NECESSARY IN MAINTENANCE CERTIFICATION DOCUMENTS		

CHAP 4 AIRFRAME	SERVICING PROCEDURE	BAC F53 & T55 (SA)
SP 454 AL 9	F53 T55	5A3A Section 1
SHEET 2 OF 3		2nd Edition

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4 3 1 5 1 / 4 2 1 5 1

4. TEST

- 4.1 Retraction jack eye end assembly. Check override I.A.W. SP 119 (AF).

4 3 1 7 1 / 4 2 1 7 2 (INSPECTOR)

5. INSPECTION STAGE

- 5.1 Retraction jack eye end assembly. Inspect sub-item 4.1 for correct override I.A.W. SP 119 (AF).

6. FITTING

- 6.1 Retraction jack eye end assembly. (i) Reconnect to leg main fitting bracket I.A.W. SP 119 (AF). (ii) Lubricate with grease XG287.

4 3 1 5 1 / 4 2 1 5 2

7. TEST

- 7.1 Undercarriage Test SP 106 (AF).

4 3 1 7 1 / 4 2 1 7 2 (INSPECTOR)

8. INSPECTION STAGE

- 8.1 Main undercarriage leg. Independent check of:  
(i) Assembly and locking.  
(ii) Function.

4 3 1 5 1

9. COMPLETION

- 9.1 Aircraft. (i) Remove hydraulic rigs I.A.W. SP 106 (AF). (ii) Remove trestle and lower off jacks.

Continued

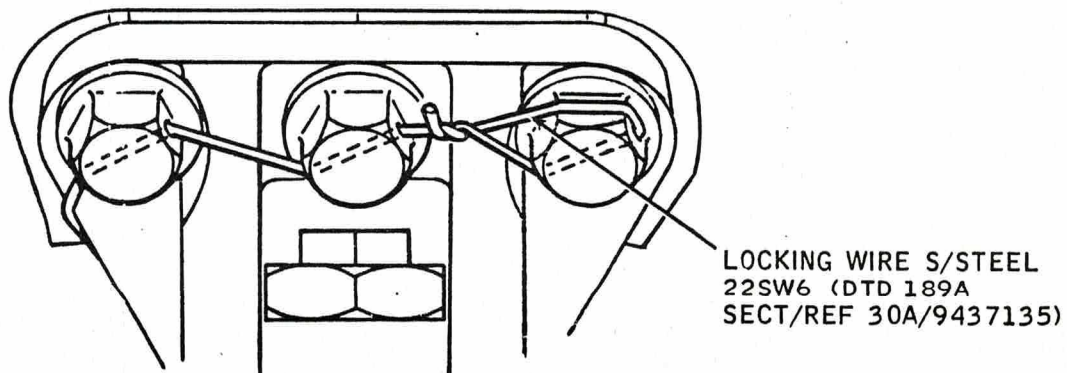
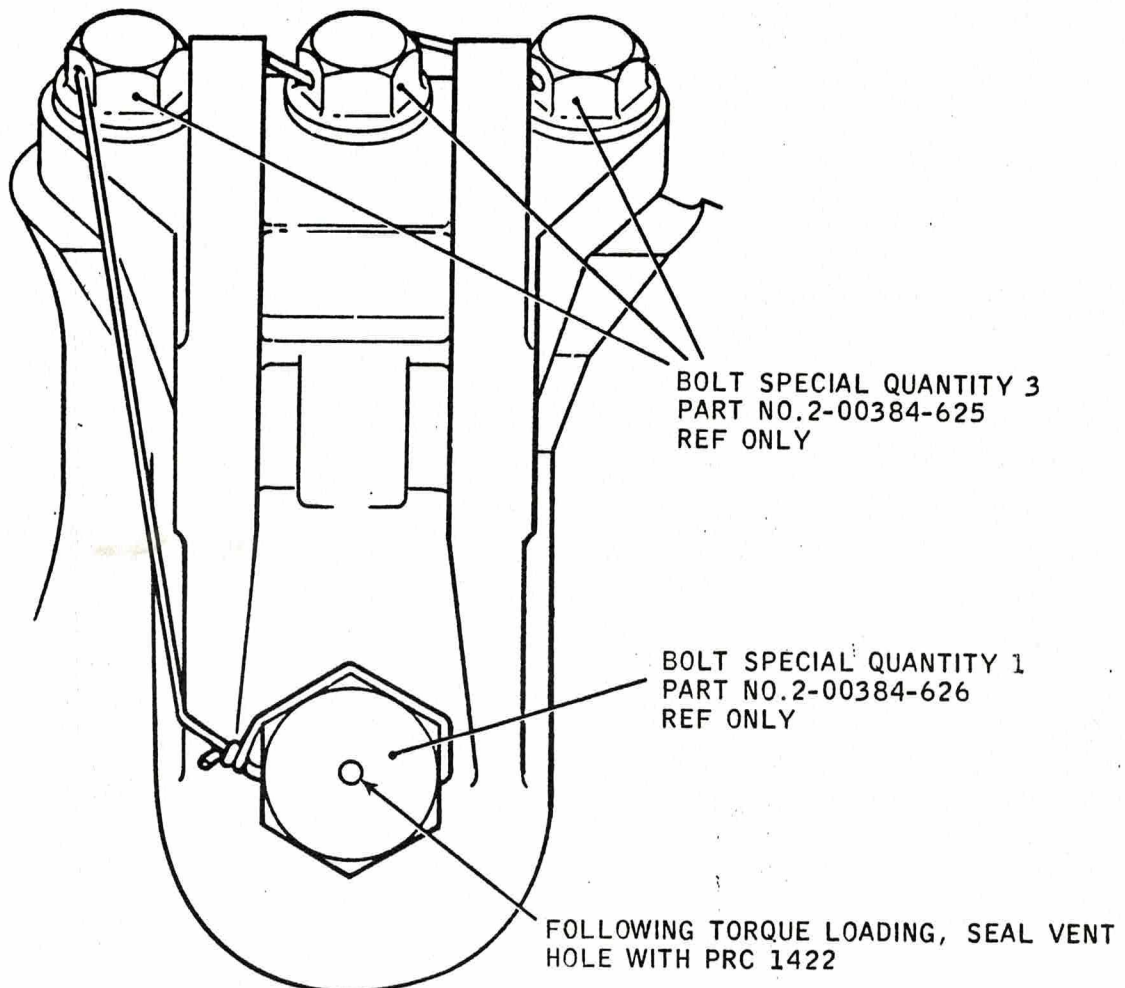
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CHAP. 4 AIRFRAME  
S.P. 454 A.L. 8  
SHEET 3 OF 3

SERVICING PROCEDURE  
F53 T55

BAC F53 & T55 (SA)  
5A3A Section 1  
2nd Edition

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WIRE LOCKING AND SEALING OF BOLTS  
FIGURE 1

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





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