

CHAPTER 6

ENGINE NACELLE

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RESTRICTED

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LIST OF CONTENTS

	Para.
<i>General</i>	1
◀ <i>Engine attachments-Mk.4 & 11</i>	▶
<i>aircraft</i>	2
◀ <i>Engine attachments-Mk.6, 9 & 10</i>	▶
<i>aircraft</i>	3
<i>Repair prohibitions</i>	4

LIST OF ILLUSTRATIONS

	Fig.	
◀ <i>Key diagram of engine mounting- Mk.4 & 11</i>	1	▶
◀ <i>Key diagram of engine mounting- Mk.6, 9 and 10</i>	2	▶

General

1. As the engine is contained within the fuselage and is inserted and withdrawn with the rear fuselage removed at the transport joint (frame 40), the only structure to be considered is that comprising attachment points for the engine in the centre fuselage. Instructions for the removal of the engine may be found in Vol.1, Sect.4, Chap.1 of this Air Publication.

◀ **Engine attachments, Mk.4 and 11 (fig.1)**

2. The Avon engine of the Mk.4 and 11 is secured to each side of frame 34 by an adjustable link, while the rear mountings at frame 40A consist of a block and cap

held together with a U-bolt, at both port and starboard sides of the fuselage.

Engine attachments Mk.6, 9 and 10 aircraft (fig.2)

3. The Avon engine of the Mk.6, 9 and 10, is suspended by two links just aft of frame 34; while the rear mountings, consisting of blocks and caps, are situated at frame 40A.

Repair prohibitions

4. Repairs are not permitted to the engine mounting attachments, and damaged parts should therefore be renewed.

KEY TO FIG. 1

◀ (Key diagram of Engine Mounting Mk.4 and 11) ▶

Key No.	Part No.			Description		
Forward Mounting						
1	F.188580	...	...	Ball end
2	A.186359	...	...	Eye end
3	F.166531	...	...	Turnbuckle
4	A.186360	...	...	Fork end
Rear Mounting						
5	F.186444	Bolt
6	F.166527	U-bolt
7	B.186358	Block
8	A.186522	Cap

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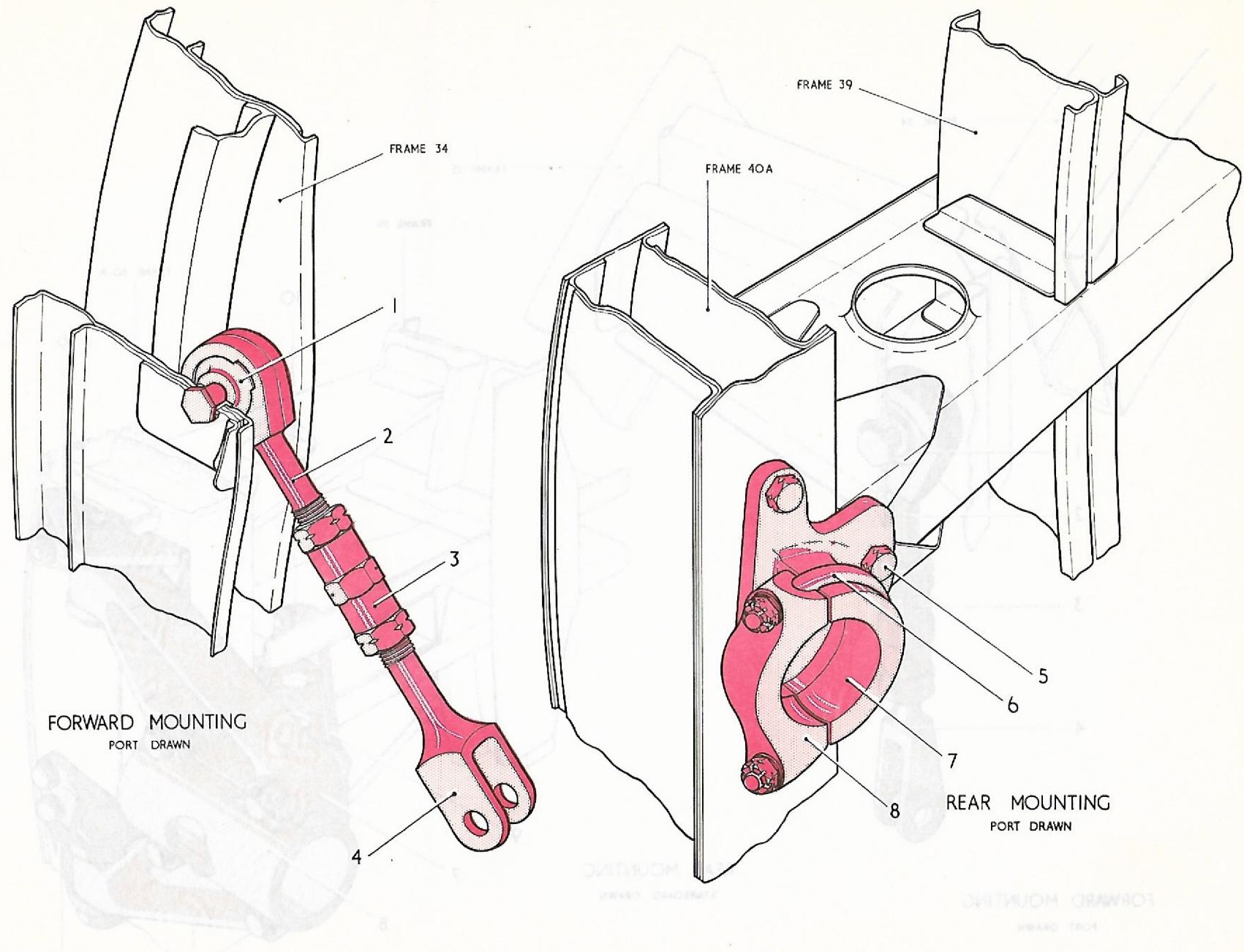


FIG.1 KEY DIAGRAM OF ENGINE MOUNTING -MK.4 & II

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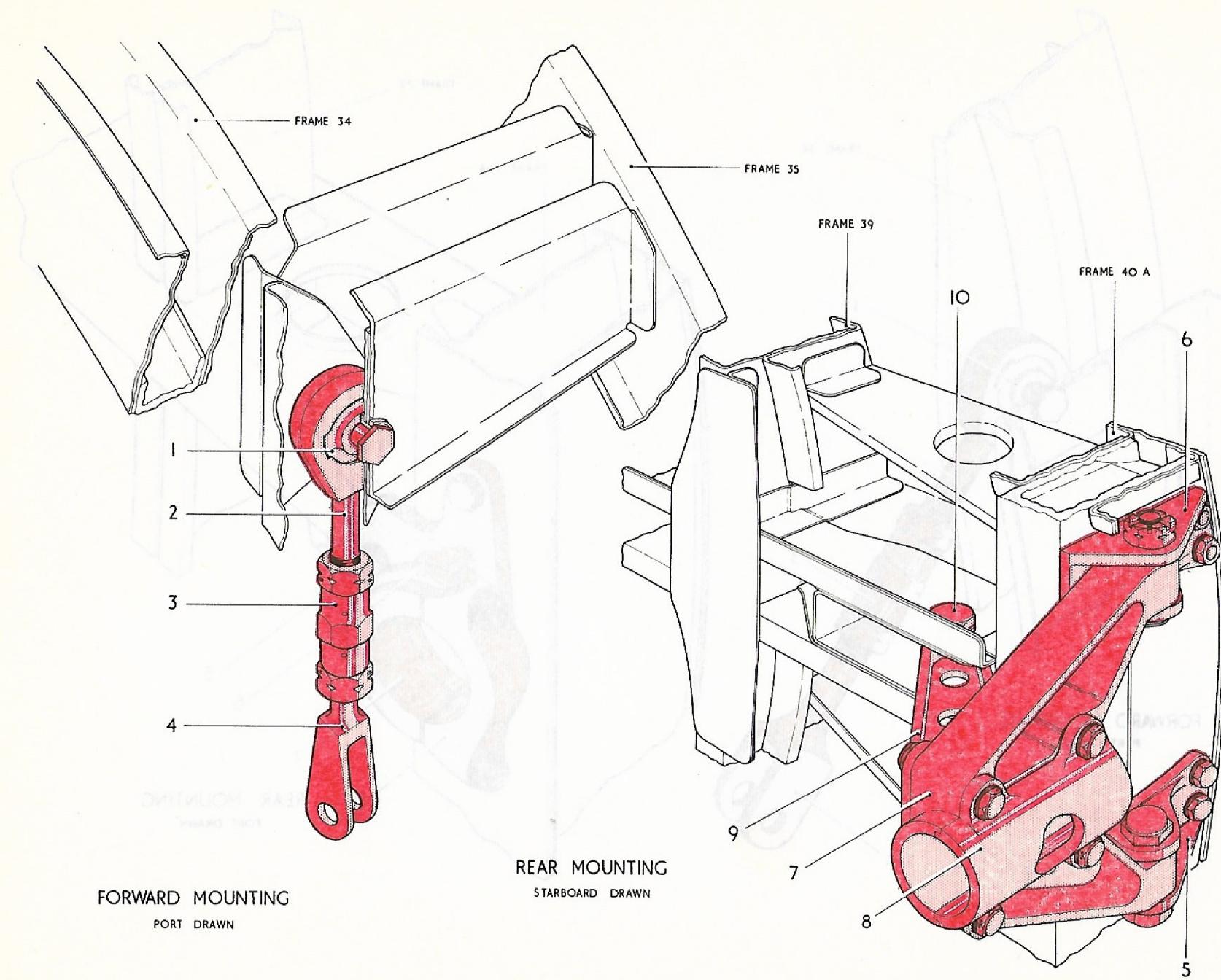


FIG. 2 KEY DIAGRAM OF ENGINE MOUNTING - MK. 6, 9 & 10

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KEY TO FIG.2

(Key Diagram of Engine Mounting Mk.6, 9 and 10)

Key No.	Part No.		Description
	Port	Starboard	
Front Mounting			
1	-	F.188580	Ball end
2	-	A.186359	Eye bolt
3	-	F.166531	Turn buckle
4	-	A.193449	Fork end
Rear Mounting			
5	A.200266	-	A.200267 Lower hinge bracket
6	A.200268	-	A.200269 Upper hinge bracket
7	-	B.200548/1	Hinge fitting
8	-	B.200548/2	Cap for hinge fitting
9	-	B.200549	Mounting bracket
10	-	A.193903	Bolt

Note:- Hinge fitting and cap Part No. B.200548, Items 1 and 2, are matched parts and must be renewed together.

Items that are not 'handed' are shown in the centre column



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