

Part 'B':

(1) Parts and Materials

The Modification Kit, which consists of the following items supplied by the Contractor, will be assembled by No. 16 Maintenance Unit under Ref. No. 100806:—

<i>Ref. No.</i>	<i>Part No.</i>	<i>Nomenclature</i>	<i>Qty.</i>	<i>Class of Equipment</i>
26FX/-	F.231522	Stop	1	C
26FX/-	STD:1697/4/C	Bolt	2	C
26FX/-	PH/190/7	Jo-Bolt	4 (Aviation Developments Ltd.)	C
▲26FX/9963	F.231517	Trunnion	1	C
26FX/9968	F.231518	Angle	2	CA

The above items will be issued to R.A.F. Units at home on issue order—no demands are to be submitted. R.A.F. Units abroad, and all other users, are to demand separately their requirements of kits as listed above, in accordance with current regulations.

Part 'C':

(1) Parts and Materials

(a) The Modification Kit, which consists of the following items supplied by the Contractor, will be assembled by No. 16 Maintenance Unit under Ref. No. 100806:—

<i>Ref. No.</i>	<i>Part No.</i>	<i>Nomenclature</i>	<i>Qty.</i>	<i>Class of Equipment</i>
26FX/-	C.231510/A	Tube Assembly	1	B
26FX/-	C.231510/B	Strut Assembly	1	B
26FX/-	STD.1935/G/D	Nut	1	C
26FX/-	DTD.487/26/C	Bolt	1	C
26FX/-	DTD.487/25/E	Bolt	1	C
28M/5234	A.14.C.B.	Nut	1	C
28M/5236	A.14.E.B.	Nut	1	C
28W/9419475	S.P.15.C	Washer	1	C
28W/9419405	S.P.15.E	Washer	1	C

The above items will be issued to R.A.F. Units at home on issue order—no demands are to be submitted. R.A.F. Units abroad, and all other users, are to demand separately their requirements of kits as listed in sub-para. (a) above, in accordance with current regulations.

(b) The following material is also required and is to be provided under Unit arrangements:—

<i>Ref. No.</i>	<i>Part No.</i>	<i>Nomenclature</i>	<i>Qty.</i>	<i>Class of Equipment</i>
30A/3055 or 30A/2343	—	Locking Wire, 22 s.w.g. Stainless Steel, D.T.D.189 or D.T.D.161	6 in.	C

▲(2) Special Tools or Test Equipment

The following tool is required:—

<i>Ref. No.</i>	<i>Part No.</i>	<i>Nomenclature</i>	<i>Qty.</i>	<i>Class of Equipment</i>
1C/7088	G.18/1B	Hand Ratchet Tool (Std. Type A.H.J.O.) Aviation Development Ltd.	1	A

The above-mentioned tool has been distributed as follows:—

	<i>Qty</i>
H.Q. Fighter Command	2
H.Q. R.A.F. Germany	2
H.Q. 41 Group	2▲

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6. SPARES AFFECTED

Parts 'A' and 'C':

No spares are affected by these parts of the modification.

Part 'B':

The following list shows the spares affected by this part of the modification and the parts required to modify them:—

Ref. No.	Part No.	Nomenclature	Qty.	Class of Equipment
26FX/9845	E.232768	Hood	—	—
Parts required :—				
26FX/-	F.231522	Stop	1	—
26FX/-	STD.1697/4/C	Bolt	2	C
26FX/-	PH/190/7	Jo-Bolt	4 (Aviation Developments Ltd.)	C
▲26FX/9963	F.231517	Trunnion	1	C
26FX/9968	F.231518	Angle	2	CA

Spares will be modified by the Stock Holding Unit as directed by the Air Ministry (D.G.E.).

7. CHANGE OF REFERENCE, PART AND ASSEMBLY NUMBERS

There are no changes of Reference, Part or Assembly Numbers as a result of this modification.

8. SEQUENCE OF OPERATIONS

Part 'A':

2. Para. 8, Sequence of Operations, Part 'A'. *Delete* existing operation (1) and substitute the following:—

"(1) Remove nut and bolt at main pivot point in hood locking assembly at top of windscreens arch and fit new bolt, Part No. F.240792, stop, Part No. F.231519, and nut, Part No. A.14EB, as shown on Drawing C 231510
 Part 'B':
 (2) Remove two existing bolts immediately aft of Hood locking roller fitting in forward edge of Centre Beam in roof of Hood, as shown on Drawing No. C.231510.
 (3) Fit stop, Part No. F.231522, and bolts, Part No. STD.1697/4/C picking up existing holes as shown on Drawing No. C.231510.

Note :—Some aircraft may already be fitted with these parts.

▲(4) Drill out four existing rivets in centre beam and fit angles, Part No. F.231518, Trunnion, Part No. F.231517 and Jo-Bolts, Part No. P.H./190/7 as shown on Drawing No. C.231510.

Note :—On some aircraft it will be possible for angles to pick up with four bolts provided in centre beam, in which case Jo-Bolts will not be required.▲

(5) Record the embodiment of this part of the modification on the Hood Modification Plate.

Part 'C':

(6) Remove existing bolts securing roller in hood locking fitted in leading edge of hood and temporarily remove roller.
 (7) Fit Strut assembly, Part No. C.231510/B at the roller fitting, using bolt, Part No. D.T.D.487/25/E, nut, Part No. A.14.E.B, and washer, Part No. SP.15E, as shown on Drawing No. C.231510.
 (8) Fit Spring tube assembly, Part No. C.231510/A to trunnion and strut assembly, using nut, Part No. STD.1935/G/D, bolt, Part No. D.T.D.487/26/C, Nut, Part No. A.14.CB, and Washer, Part No. SP.15.C, as shown on Drawing No. C.231510.
 (9) Carry out adjustments and lubrication of installation in accordance with instructions contained in Drawing No. C.231510.

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9. TESTING AFTER EMBODIMENT

No special tests are required after the embodiment of this modification.

10. RECORDING ACTION

Record on Form 700.

11. DISPOSAL OF REDUNDANT PARTS

Part 'A':

The undermentioned part rendered redundant by the embodiment of this part of the modification is to be disposed of as scrap in accordance with A.P.830, Vol. 1 (5th Edition), Leaflet No. A.19/1:—

<i>Ref. No.</i>	<i>Part No.</i>	<i>Nomenclature</i>	<i>Qty.</i>
26FX/-	STD.1929/140/E	Bolt	1

Parts 'B' and 'C':

No parts are rendered redundant by the embodiment of these parts of the modification.

12. EFFECT ON WEIGHT AND C. OF G.

This modification causes a weight change of +1.25 lb. and a change in moment of -186 lb. in.

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