

SERVICE BULLETIN

No. 300-1-04

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| Compliance Mandatory |
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Subject: **Replace fuel hose connecting center fuel tank to center tank filler neck**

Affected Aircraft: EA-300/S S/N 1 – 31
EA-300/L S/N 1 – 167, 168 (or converted to 1168),
169 (or converted to 1169),
170 (or converted to 1170), 172 and
173 (or converted to 1173)
EA-300/200 S/N 1 – 31

Purpose: The longterm durability of the center tank filler hoses in an AVGAS environment is not appropriate. The material used (according to standard DIN 73411) will harden, shorten and may cause trouble with in-service assembly. The fuel hose connects the filler neck in the cowling to the center tank itself. It should be replaced. The following P/Ns are applicable for replacement:

EA-300/S P/N 64203.12
EA-300/L P/N 66203.12
EA-300/200 P/N 67203.12

These parts should be ordered from:

Extra Flugzeugproduktions- und Vertriebs-GmbH
Schwarze Heide 21
D46569 Hünxe
Germany

Approval: These instructions relate to change no. ÄM-300-03-07 which has been approved by the Authority.
The technical information contained in this document has been approved under the authority of JAA Design Organisation Approval no. LBA.NJA.010.

Compliance Time:

The center fuel tank filler hose must be replaced at the next annual inspection or within the next 50 FH, whichever comes first.

CAUTION:

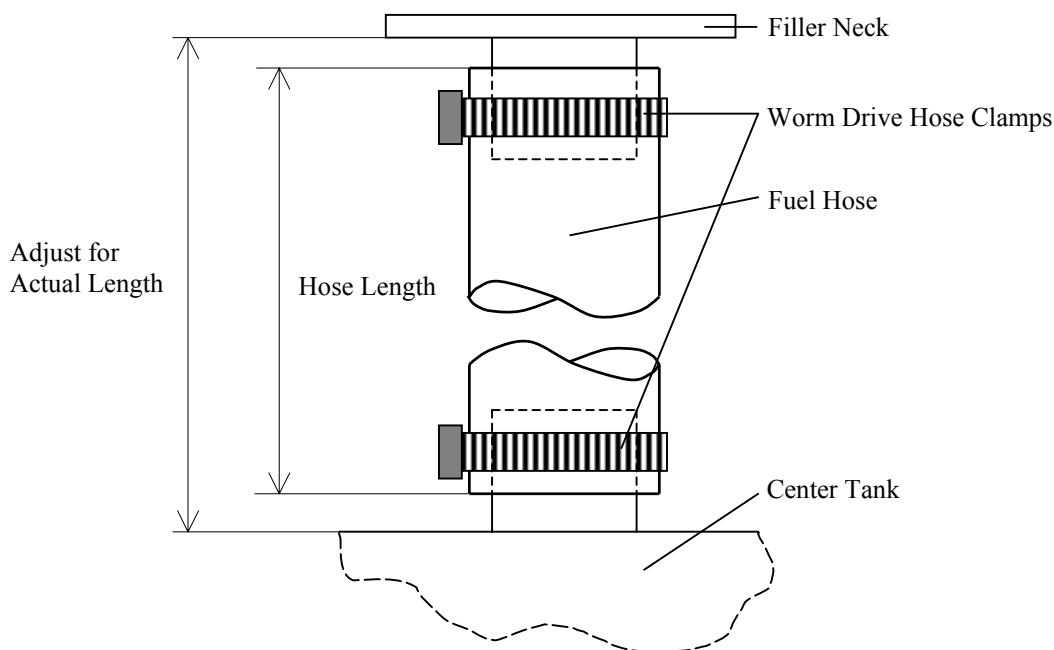
Alterations or repair of the aircraft must be accomplished by licenced personell only.

INSTRUCTIONS:

Procedure for EA-300/S:

Note: For easier access the main fuselage cover may be removed. In that case take the appropriate steps according to the procedure for the EA-300/L equipped with a smoke system.

1. Remove inspection hatch on top of instrument panel.
2. Defuel center fuel tank according Chapter 12 of the Service Manual.
3. Loosen worm drive hose clamp from top of fuel hose on center tank filler neck.
4. Loosen worm drive hose clamp from bottom of fuel hose on center tank flange.
5. Remove fuel hose.
6. Clean the tank and center tank filler neck flanges.
7. Install new hose type, P/N 64203.12 (hose length 190mm, or about 7½inch).
8. Fasten worm drive hose clamps on both top and bottom sides of the fuel hose.
9. Reinstall inspection hatch on top of instrument panel.
10. Make appropriate entry of compliance with this service bulletin in the aircraft logbook.



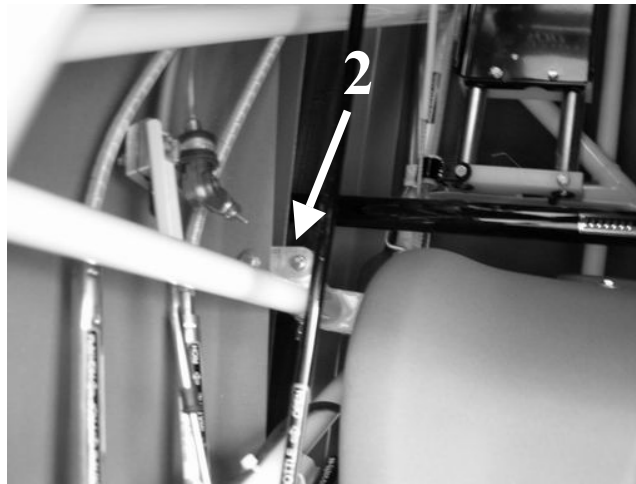
Procedure for EA-300/L equipped with smoke system:

1. Defuel center fuel tank according Chapter 12 of the Service Manual.
2. Remove engine cowlings.
3. Remove canopy.

CAUTION

Support the canopy by hand before disconnecting the opening limiter strap.

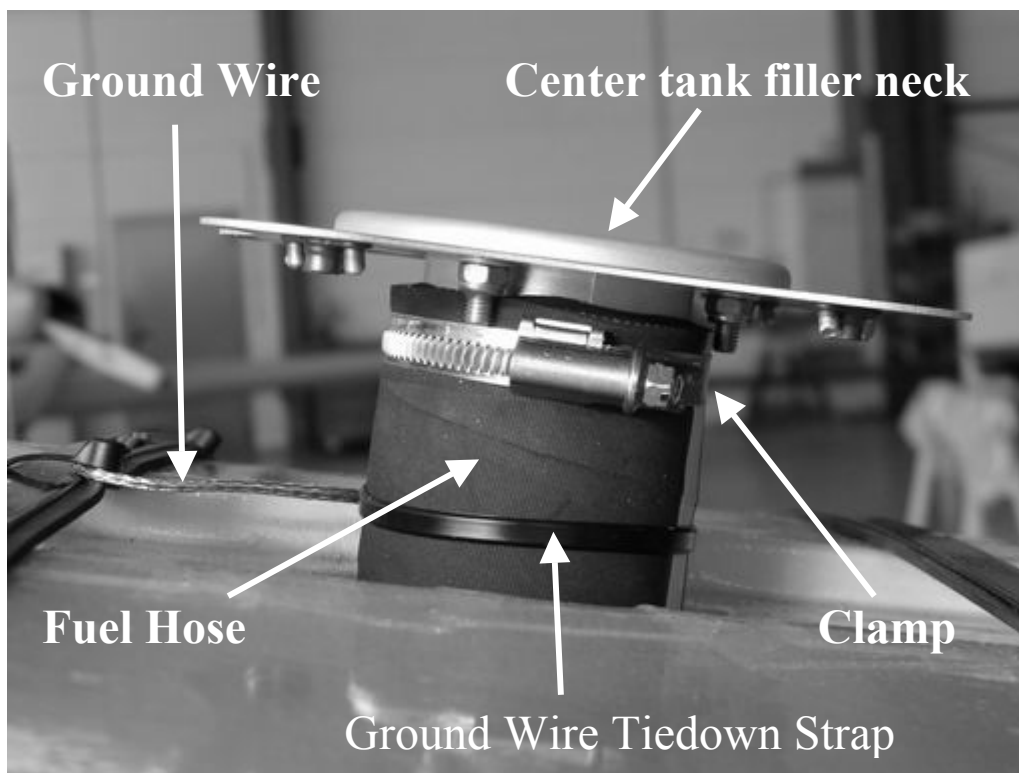
4. Remove the four fuselage-frame connections (left aft shown in picture).



5. Remove all three canopy hinges (right aft shown in picture).



6. Remove back instrument panel top cover.
7. Disconnect front instrument panel wiring and tubing.



8. Remove the four screws from center tank filler neck.
9. Remove main fuselage cover.
10. Loosen worm drive hose clamp from top of fuel hose on center tank filler neck.
11. Loosen worm drive hose clamp from bottom of fuel hose on center tank flange.
12. Remove fuel hose. If present, cut ground wire tiedown strap on fuel hose.
13. Clean the tank and center tank filler neck flanges.
14. Install new hose type, P/N 66203.12 (hose length 165mm, or about 6½inch). If present before, install new ground wire tiedown strap on fuel hose.
15. Fasten worm drive hose clamps on both top and bottom sides of the fuel hose. Observe orientation of center tank filler neck. The fuel icon should be on the same side it was originally.
16. Reinstall main fuselage cover.
17. Put in the four screws in the center tank filler neck.
18. Reinstall the four fuselage-frame connections (left aft shown in picture 2).
19. Reconnect front instrument panel wiring and tubing.

20. Reinstall back instrument panel top cover.
21. Reinstall engine cowlings.
22. Reinstall canopy hinges.
23. Reinstall canopy.
24. Make appropriate entry of compliance with this service bulletin in the aircraft logbook.

Procedure for EA-300/L without smoke system:

1. Remove front instrument panel.
2. Loosen worm drive hose clamp from top of filler hose on center tank filler neck.
3. Loosen worm drive hose clamp from bottom of filler hose on center tank flange.
4. Remove fuel hose. If present, cut ground wire tiedown strap on fuel hose.
5. Clean the tank and center tank filler neck flanges.
6. Install new hose type, P/N 66203.12 (hose length 165mm, or about 6½inch). If present before, install new ground wire tiedown strap on fuel hose.
7. Fasten worm drive hose clamps on both top and bottom sides of the fuel hose.
8. Reinstall front instrument panel.
9. Make appropriate entry of compliance with this service bulletin in the aircraft logbook.

Procedure for EA-300/200:

1. Disconnect front instrument panel wiring and tubing.
2. Remove front instrument panel.
3. Loosen worm drive hose clamp from top of fuel hose on center tank filler neck.
4. Loosen worm drive hose clamp from bottom of fuel hose on center tank flange.
5. Remove fuel hose. If present, cut ground wire tiedown strap on fuel hose.

6. Clean the tank and center tank filler neck flanges.
7. Install new hose type, P/N 67203.12 (hose length 300mm, or about $11^{13}/_{16}$ inch). If present before, install new ground wire tiedown strap on fuel hose.
8. Fasten worm drive hose clamps on both top and bottom sides of the fuel hose.
9. Reconnect front instrument panel wiring and tubing.
10. Reinstall front instrument panel.
11. Make appropriate entry of compliance with this service bulletin in the aircraft logbook.