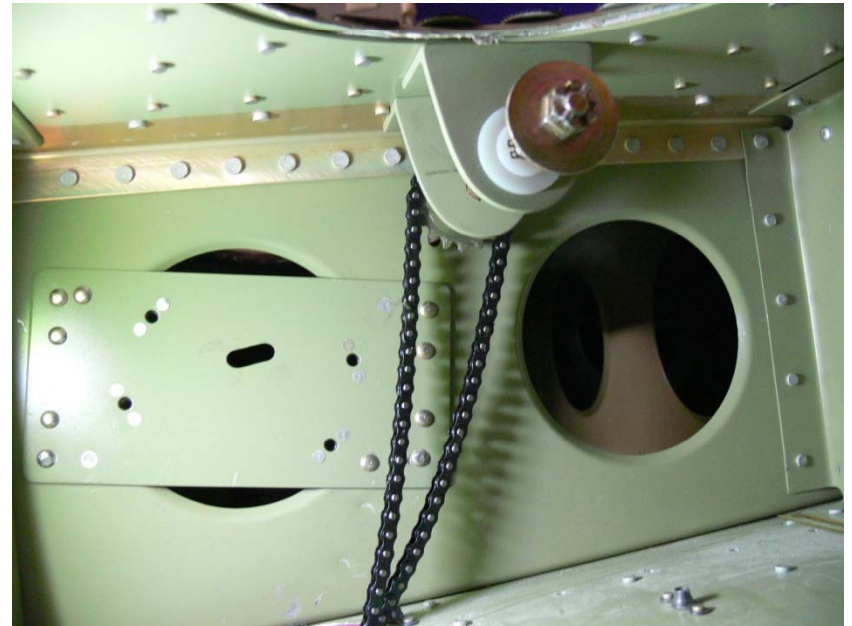
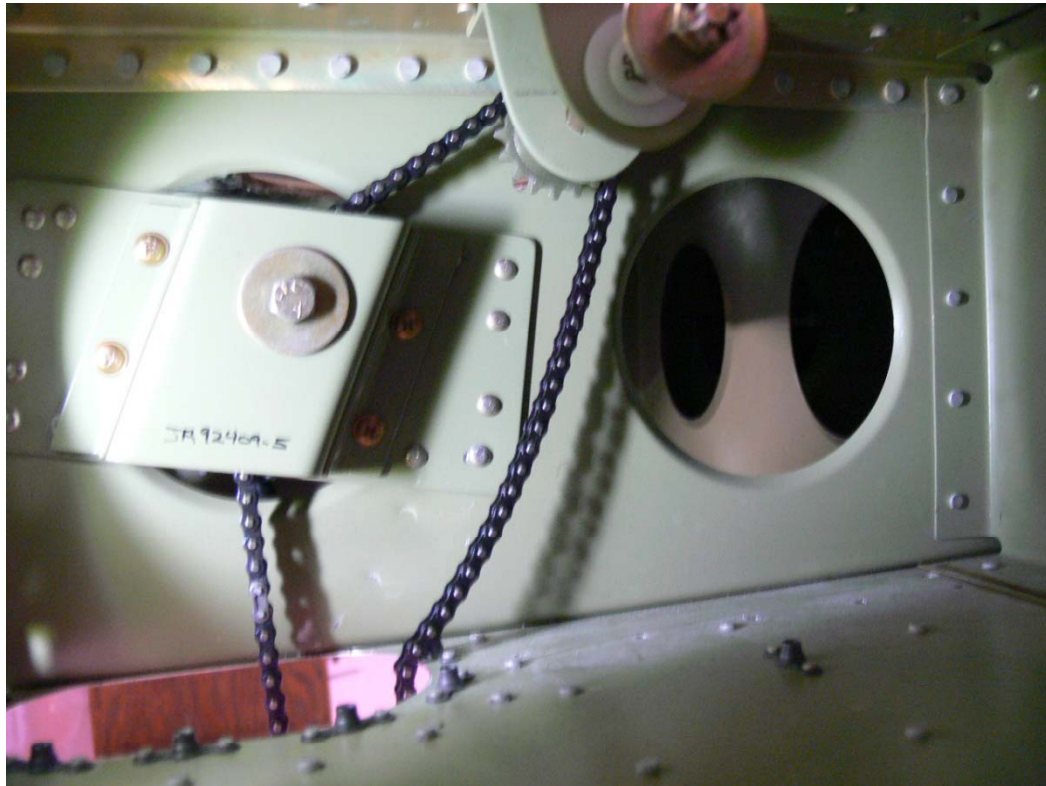


Installation of Caravan Camera Door Manual Drive Assembly



Install manual drive sprocket assembly with 4 AN525-10R8 screws and the manual drive chain (shorter chain) installed on the sprocket.

Installation of Caravan Camera Door Manual Drive Assembly (cont'd)



Install adjusting sprocket assembly p/n JA92409-5 with 4 AN535-832R7 screws and manual drive chain installed on sprocket. Leave the sprocket loose at this time.

Installation of Caravan Camera Door Manual Drive Assembly (cont'd)



Install access hole cover with AN525-832R7 screws and manual drive train thru cover . Do not install 3 inboard screws.

Installation of Caravan Camera Door Manual Drive Assembly (cont'd)



Install LH leg of motor mount with AN525-832R8 screws at remaining cover plate holes.

Installation of Caravan Camera Door Manual Drive Assembly (cont'd)



Install motor mount plate using 6 AN525-832R7 screws.

Installation of Caravan Camera Door Manual Drive Assembly (cont'd)



Install motor with door drive chain (longer chain) on the inside sprocket and the manual drive chain on the outside sprocket.

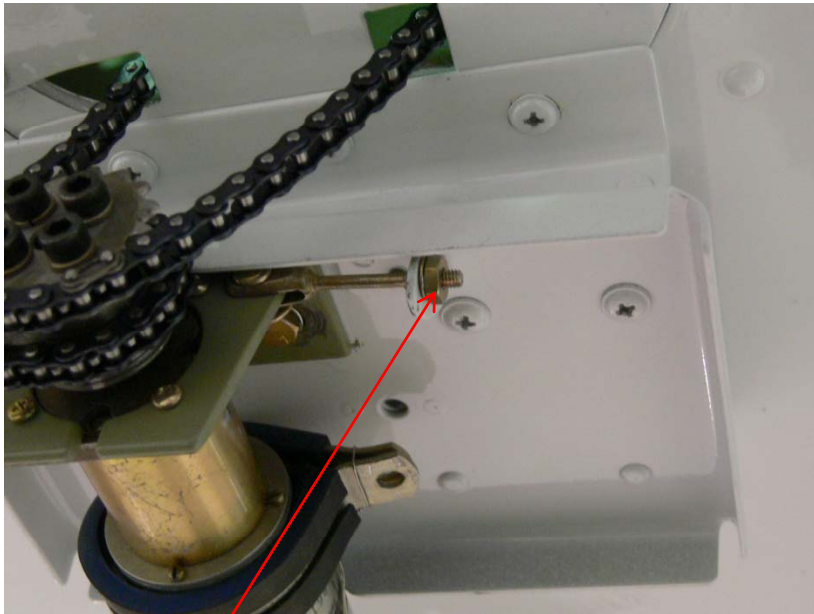
Install the motor onto the mount using 3 AN3A-5 bolts. Do not fully tighten at this time.

Installation of Caravan Camera Door Manual Drive Assembly (cont'd)

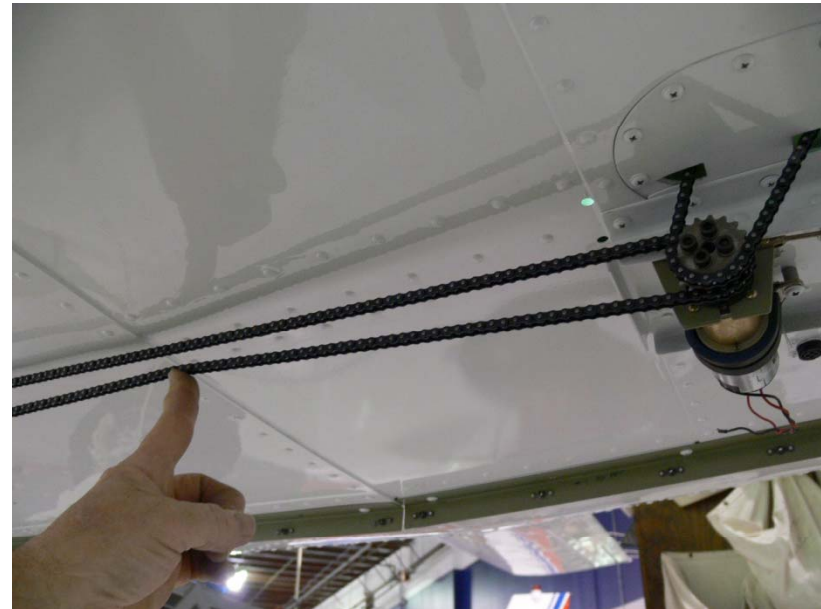


Install door drive idler sprocket assembly with chain installed using 6 AN525-832R7 screws.

Installation of Caravan Camera Door Manual Drive Assembly (cont'd)



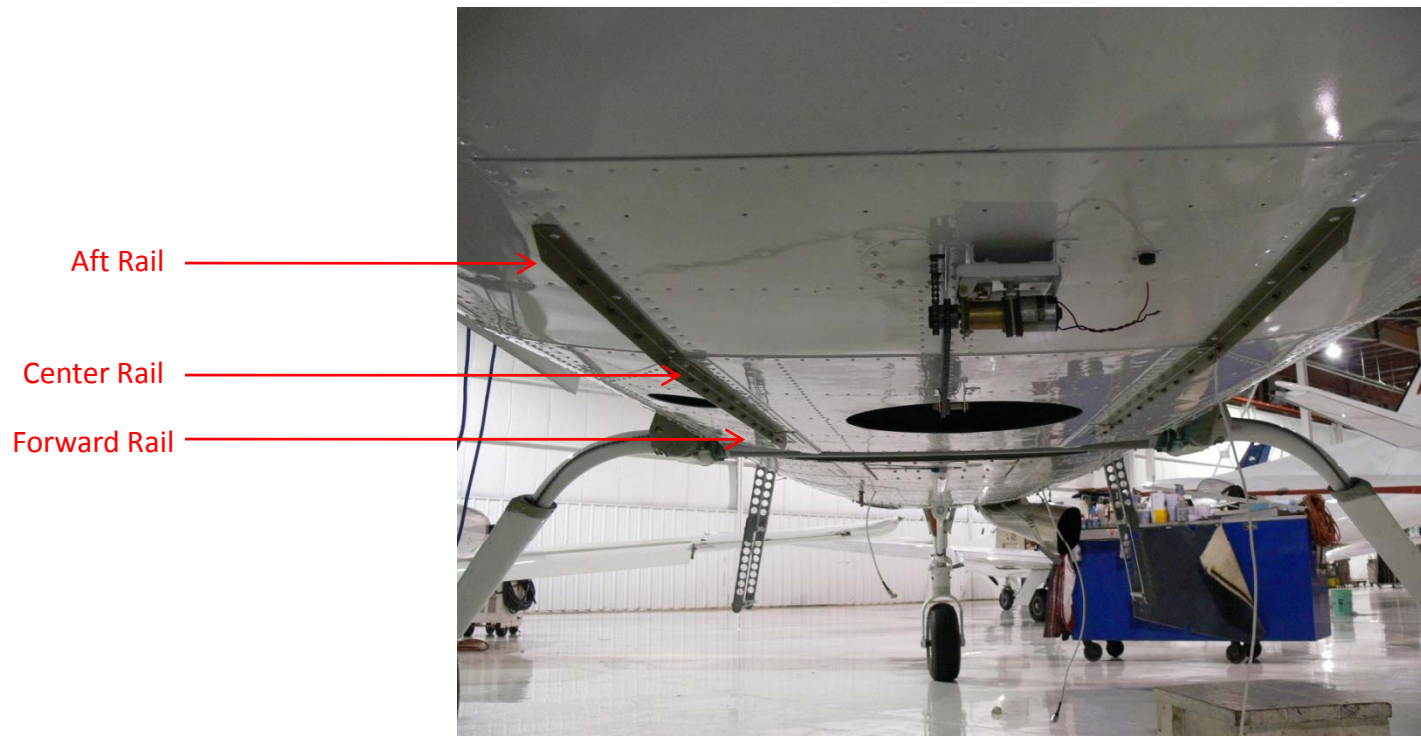
Adjusting clevis



Tension door drive chain with adjusting clevis until there is approximately $\frac{1}{2}$ inch between the chains when deflected.

Tension manual drive chain with adjustable sprocket on the JA92409-5 assembly at this time.

Installation of Caravan Camera Door Manual Drive Assembly (cont'd)



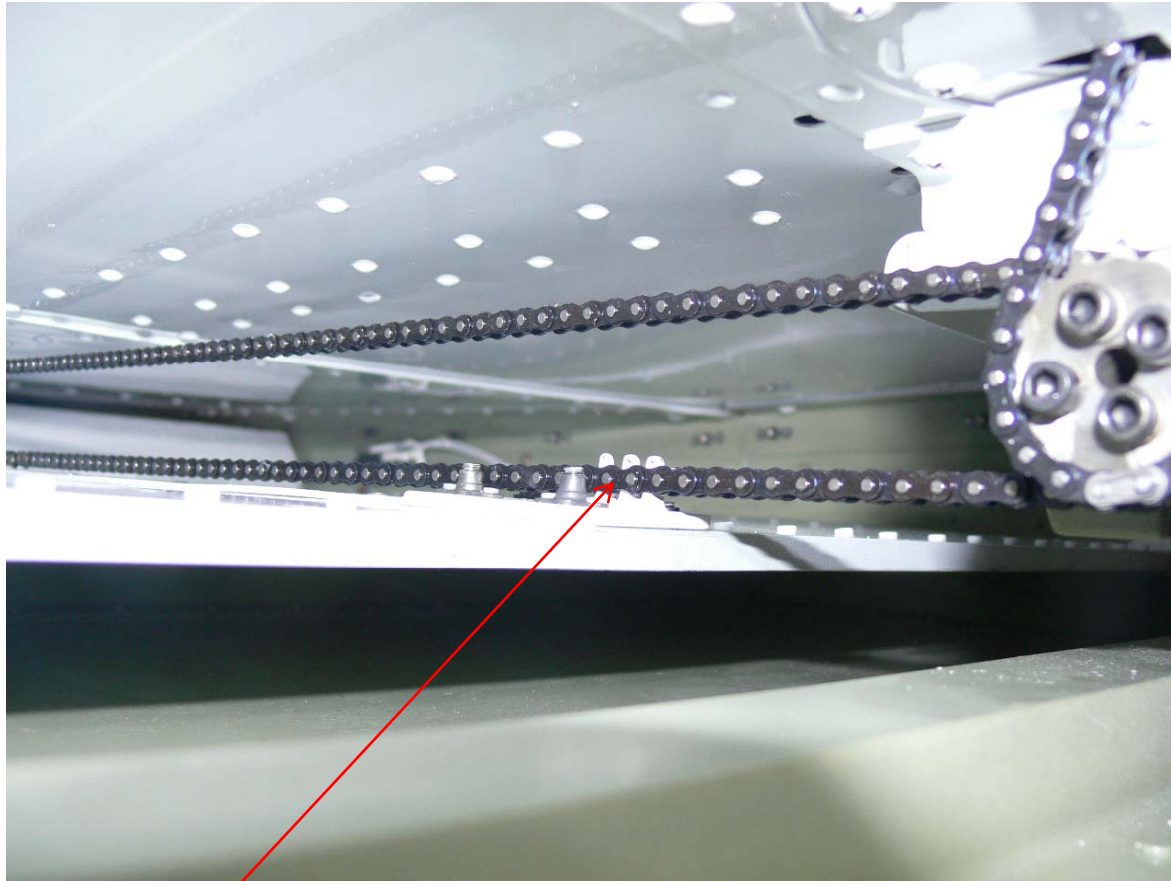
Mount door assembly rails: RH center and RH & LH aft main rails using AN525-10R10 screws, and LH center and RH & LH forward rails with AN525-10R12 screws.

Installation of Caravan Camera Door Manual Drive Assembly (cont'd)



With sliding door installed in the door assembly, install assembly on the rails using AN525-832R6 screws. Insure screw length does not interfere with door operation.

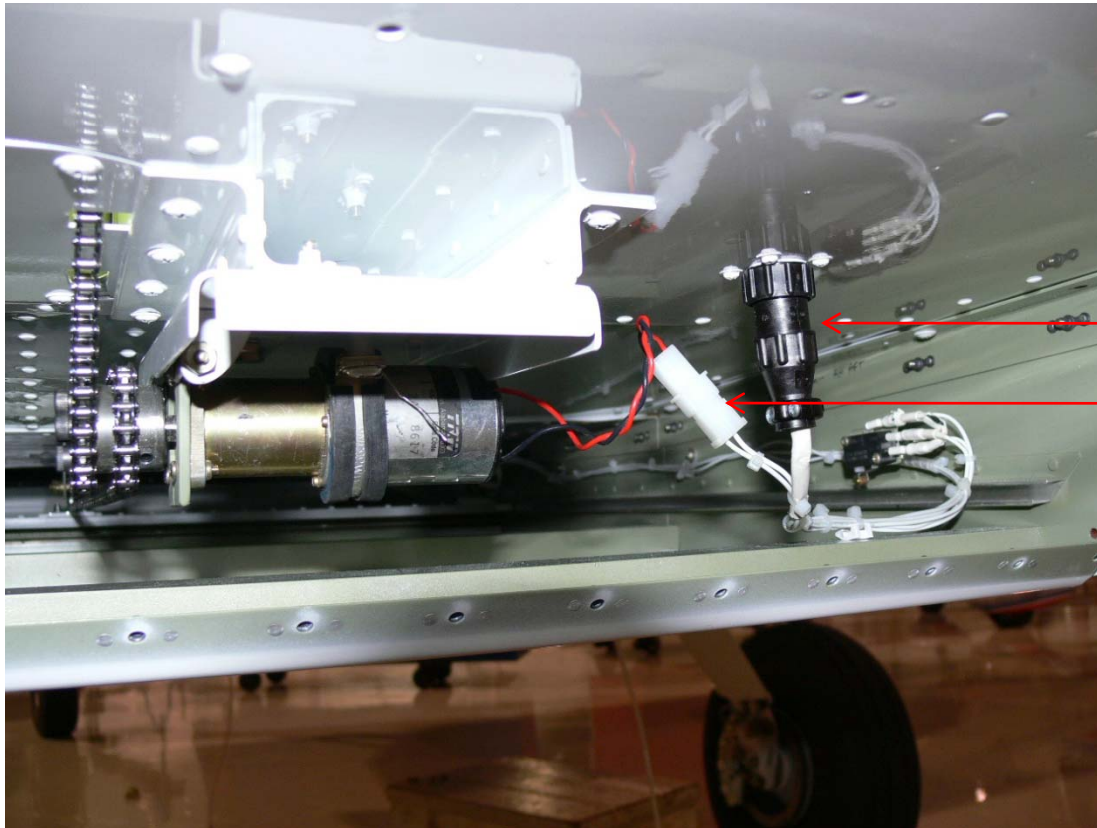
Installation of Caravan Camera Door Manual Drive Assembly (cont'd)



Chain fitting

Install chain on door chain fitting and safety with .020" safety wire.

Installation of Caravan Camera Door Manual Drive Assembly (cont'd)



Cannon plug

Motor wiring

Connect motor wiring and cannon plug.

Installation of Caravan Camera Door Manual Drive Assembly (cont'd)



Install forward and aft door assembly ends using AN525-832R7, 9 and 11 as required.

Operate door thru full travel to verify proper operation before flight.

Notes:

- (1) Insure camera hole lower cover is to removed before flight if camera is to be used.
- (2) All screws must be reinstalled in belly when camera door assembly is removed.
- (3) Camera door circuit breaker must be pulled and the pilot panel switch must be in the "off" position to operate the manual door drive.