



Installation Instructions for Dassault Falcon 50/50EX/200 Monorail Sunvisor System

(Kit R1352000)

This is an FAA STC'd installation requiring a logbook entry upon completion.

Doc: 9041-0135-001

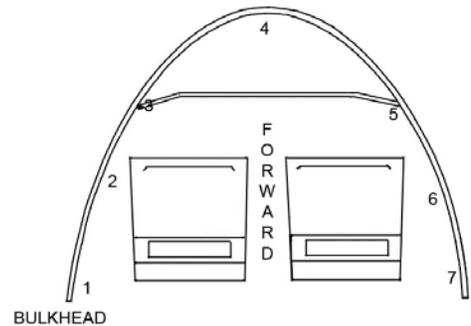
Please read through these instructions completely before beginning.

Date	Revision	Approved
8/26/09	C	GH

Hardware:

1	AN526C1032R9	#10-32 x 9/16 Screw
6	AN526C832R10	#8-32 x 5/8 Screw
6	AN526C832R24	#8-32 x 1-1/2 Screw
1	A10K80	#10 Rivnut
1	5610-114-70	#12 White Nylon Washer
6	90295A110	#8 White Nylon Washer
1	3/32 Hex Key	
1	7/64 Hex Key	

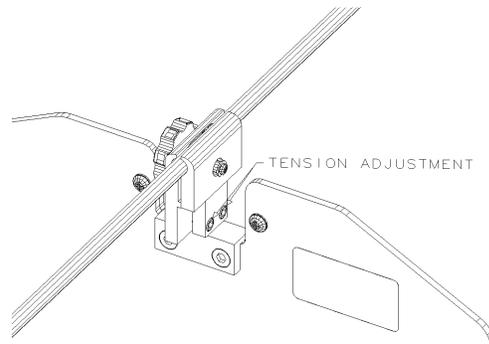
- During the installation of your new monorail sunvisor system, we will refer to the attach brackets as Brackets #1 through #7 as diagrammed here:
- These brackets pick up the three (3) existing #8 fasteners on either side of the aircraft above the window line. The side brackets are slotted to allow for manufacturing variance on the location of the shock mounts to which the overhead shell attaches.
- Carefully take the monorail into the cockpit. The ends can be sprung inward slightly to get it into the cockpit area.
- Remove the three (3) existing #8 fasteners and the Nylon washers on the pilot's side and loosely attach brackets #1, 2, and 3 using AN526C832R10 (#8-32 x 5/8 inch cross point screws) or AN526C832R24 (#8-32 x 1-1/2 inch cross point screws).



NOTE: Two screw lengths are provided to compensate for possible shimming for position. Select the appropriate screw length for your aircraft.

- Remove the three (3) existing #8 fasteners and the Nylon washers on the co-pilot's side and loosely attach three (3) AN526C832R10 (#8-32 x 5/8 cross point screws) or AN526C832R24 (#8-32 x 1-1/2 inch cross point screws) in bracket #5, #6, and #7. The rail may need some fore and aft movement to insure proper alignment with the fasteners.
- With all six (6) side fasteners installed mark the location of bracket #4 as it sits tight against the front overhead cross panel. This mark will be used to locate the hole for the installation of the A10K80 rivnut. Check that the forward part of the monorail does not hit the overhead. Bracket #4 should provide adequate clearance for the visor clamping block and mounts directly forward of the compass. If additional clearance is desired the monorail can be shimmed down at this point (check when fully installed).
- Remove the monorail one side at a time and loosely replace the fasteners.

- Install the A10K80 rivnut by drilling a .250" hole into the fiberglass shell (the shell has a rubber backing for sound deadening). **DO NOT DRILL INTO THE AIRCRAFT STRUCTURE.**
- Re-install the monorail as before and pick up Front Bracket #4 with the AN526C1032R9 (#10-32 x 9/16 inch) screw provided.
- Secure all brackets/fasteners.
- Open pilot's sliding widow and check for adequate clearance.
- Install both visor assemblies by unscrewing the thumb tension knobs until the clamping blocks can be slipped over the rails. Tighten the thumb tension knobs until the snap ring can be installed onto the snap ring groove on the back. Install the provided snap ring. This snap ring prevents inadvertent over loosening of the tensioning knob and acts as a tactile indicator that further loosening must not be attempted. When the visor is on the rail the tensioning knob should face the pilots.
- Check for proper clearance between the visor thumb knob and the headliner by tightening the thumb knob and rotating the visor to the overhead on the side of the aircraft where it would be stowed. The thumb knob should not hit the headliner. If this is the case use shims as mentioned above.
- To move the visors loosen the thumb tensioning knob until the clamp is loose enough to be slid along the monorail while holding the thumb knob. To move past the mounting brackets the visor must be positioned so the clamps pass over the brackets.
- Your monorail system is equipped with a swivel design that allows rotation about the axis of the lens. Rotational tension can be adjusted by adjusting one or both of the hex socket head cap screws on the back side of the clamp block and below the thumb knob screw.
- The visor should be aligned with the clamp block before sliding along the monorail.
- As this is a one piece monorail system either visor can move the entire length of the system allowing complete sun shielding not previously available.



Continued Airworthiness Instructions:

- **(On the ground only)**
 - Periodically clean the lenses with a soft cloth and Rosen Plastic Cleaner, Polisher and Protectant, or mild soap and water. Do not use abrasives on the lens.
 - Periodically adjust the pivot tensions on the visor assemblies.
- Updates to this Continued Airworthiness section are available on the Rosen Website. (www.rosenvisor.com)

The most up to date version of this document is available on the Rosen Website. (www.rosenvisor.com)

Airworthiness Limitations:

The Airworthiness Limitations Section is FAA approved and specifies maintenance required under §§43.16 and 91.403 of the Federal Aviation Regulations unless an alternative program has been FAA approved. There are no airworthiness limitations associated with this installation.