



SERVICE BULLETIN: 2026-0001 Issued: 15June2026

NOTE: Equipment

Affected Products: Gemini 530 Tandem System

Issue Description:

Field reports have identified instances in which the Number 2 ring (P/N 11-1-3539) on Gemini 530 main risers have deformed. These instances have been associated with operations conducted at or near maximum system weight and/or at higher deployment altitudes.

This condition has not resulted in any malfunction or adverse effect to the parachute system.

Action Required:

Airborne Systems will supply replacement main risers to customers in possession of Gemini 530 systems. The Gemini 430 system has a lower rated weight and the original risers are sufficient.

Upon receipt of the replacement risers:

- Follow the procedures at the end of this bulletin.

Until replacement risers are installed:

- The system may remain in service provided that the number 2 ring is inspected before and after each jump.
- If any deformation or damage to the number 2 ring is noticed remove the system from service until the new risers can be installed.

Technical Information:

Testing of the current riser configuration indicates:

- Yielding of the number 2 ring begins when the riser is loaded in the range of 3,500 – 4,000 lb
- Ultimate Failure of the riser assembly occurs in the range of 5,700 - 6,000 lb

The updated riser design incorporated an updated “M-Ring” component in place of the number 2 ring. Testing demonstrates this configuration sustains loads in excess of 7,500 lb without exhibiting any damage or deformation.

Riser Installation Procedure

The new geometry of the updated Gemini riser requires a new cutaway cable housing on the right-hand side. This requires the loosening and retightening of 2 Oetiker clamps. The required clamping tool will be provided along with the new housing and risers.

There is a supplemental video available at the following link that shows the process for changing the cable housing. <https://youtu.be/JUI7rLi0NIM>

1. Remove main risers from the harness container.
 - a. Disconnect RSL
 - b. Pull Cutaway Handle
2. Using a temp pin and a gentle twisting motion of the hard housing loosen the Oetiker clamp.
 - a. *Only loosen the clamp as much as is necessary to be able to remove the right-hand side cable housing.*
3. Remove the old housing and install the new housing.
 - a. Ensure the flat portion on the terminal end of the housing is facing towards where the riser will be. See the video and pictures for clarification.
 - b. New housing length is 8 ¾"
4. Ensure the type 3 tape is centered in the Oetiker clamp and re-crimp both the clamps.
 - a. Use the side of the Oetiker clamp which has a gap to prevent over crimping the clamp.
5. Follow the assembly instructions in the Gemini manual to install the suspension lines onto the new risers.
6. Remove the old cutaway handle and install the new cutaway handle.
7. Check the cutaway cable length by pulling the cutaway handle until one of the cables reaches the end of the housing. Ensure the cable that reached the end of the housing first is the left-hand side.
 - a. This ensures the non-RSL side still cuts away first.
8. Use the instructions in the assembly section of the manual to transfer the canopy to the new risers.

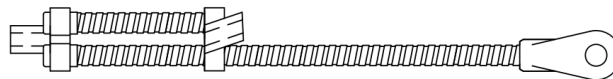


Figure 1: Correct Orientation of Tapes and Cable Housing

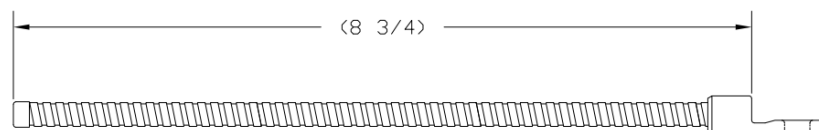


Figure 2: New Housing Length