

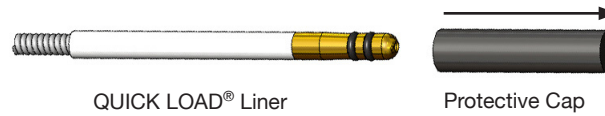
TECHNICAL INSERT

INSTALLATION GUIDE FOR QUICK LOAD® LINER

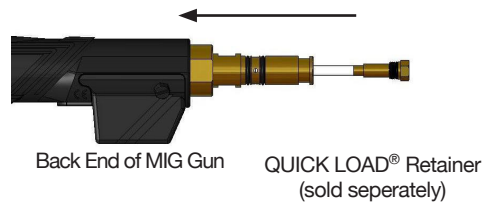


HOW TO INSTALL QUICK LOAD® LINERS WHEN REPLACING CONVENTIONAL LINERS

1. Remove the protective cap from the new QUICK LOAD® liner.



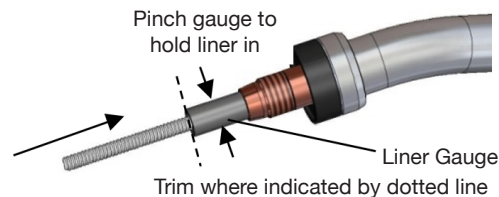
2. Install this liner from the back of the MIG gun with retainer attached (using the same procedure as installing a conventional liner). Future replacements will be done from the front. (Refer to How to REPLACE QUICK LOAD® liners on the next page)



3. **IMPORTANT!** Push liner back into neck and use the liner gauge provided to pinch and hold it in place. Use this liner gauge to trim liner as follows:

For 6-ft liner lengths and shorter: trim with a 1/2" (13 mm) stick out. (**BLUE LINER GAUGE** provided).

For liner lengths longer than 6 feet: trim with a 3/4" (20 mm) stick out. (**BLACK LINER GAUGE** provided).



4. Feed wire through the QUICK LOAD® liner.
5. Reinstall the consumables.

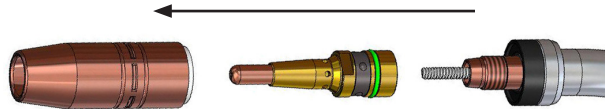
IDENTIFYING GUNS EQUIPPED WITH QUICK LOAD® LINERS:

If you ordered a QUICK LOAD® liner to fit an existing gun, "QUICK LOAD® liner Installed" is printed on the MIG gun tag and has been included to help operators identify guns that have QUICK LOAD® liner installed. Identification is recommended so operators know that future liner changes will be done from the front of the gun.

IMPORTANT NOTE: LINERS TRIMMED TOO LONG OR TOO SHORT CAN CAUSE SERIOUS WIRE FEEDING PROBLEMS. BE SURE TO USE YOUR LINER GAUGE AS INSTRUCTED TO TRIM THE LINER TO THE CORRECT STICK OUT.

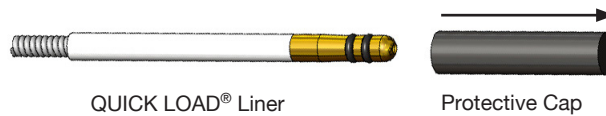
HOW TO REPLACE QUICK LOAD® LINERS INTO RETAINER OR AUTOLENGTH™ PIN

1. Remove consumables (nozzle, contact tip and retaining head).

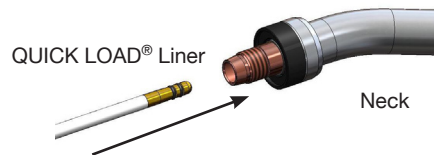


2. Pull the existing QUICK LOAD® liner from the neck using pliers.

3. Remove the protective cap from the new QUICK LOAD® liner.



4. Insert the QUICK LOAD® liner through the neck using the wire as a guide. Push the QUICK LOAD® liner in using short strokes to prevent the wire from kinking.



5. WITH RETAINER:

Once the QUICK LOAD® liner stops feeding, give it an extra push to ensure it bottoms out and is inserted completely.

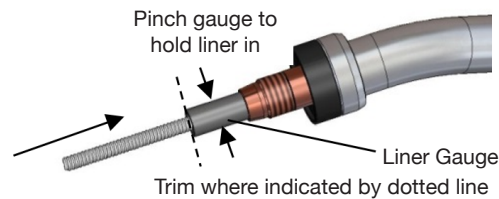
WITH QUICK LOAD® LINER AUTOLENGTH™ SYSTEM:

Feed the liner into the gun until it bottoms out inside the AutoLength™ Pin.

IMPORTANT! Place the liner gauge onto the end of the QUICK LOAD® liner and press it flush with the end of the neck. Push the liner back into the neck and use the gauge provided to pinch and hold it in place. Trim the liner as follows:

For 6-ft liner lengths and shorter: trim with a 1/2" (13 mm) stick out. (**BLUE LINER GAUGE** provided).

For liner lengths longer than 6 feet: trim with a 3/4" (20 mm) stick out. (**BLACK LINER GAUGE** provided).



NOTE: WITH THE QUICK LOAD LINER AUTOLENGTH SYSTEM, THE LINER WILL SPRING BACK AN STICK OUT OF THE NECK BY 1-3/4" AFTER TRIMMING. THIS IS NORMAL. THE LINER WILL BE PUSH BACK INTO THE NECK WHEN THE CONSUMABLES ARE INSTALLED.

6. Reinstall consumables.