

For added protection against short liner length, upgrade to the
QUICK LOAD™ Liner AutoLength™ System!
 Visit Tregaskiss.com/AutoLength for more information.

Tregaskiss Technical Insert

INSTALLATION GUIDE FOR QUICK LOAD™ LINER

FOR ROBOTIC APPLICATIONS					
WIRE SIZE	FEEDER BRAND	AUTOLENGTH KIT** PART NUMBER	AUTOLENGTH PIN PART NUMBER	INTERCHANGEABLE WITH STANDARD POWER PIN	QUICK LOAD LINER INCLUDED IN KIT
0.035" - 0.045"	MILLER®	214-81R	214-81	214-1	415-35-10Q
	TWECO® #4	214-80R	214-80	214	415-35-10Q
	TWECO #5	214-812R	214-812	214-12	415-35-10Q
	LINCOLN®	214-87R	214-87	214-7	415-35-10Q
	LINCOLN	214-818R	214-818	214-18	415-35-10Q
	LINCOLN	214-840R	214-840	214-40	415-35-10Q
	LINCOLN	214-843R	214-843	214-43	415-35-10Q
	PANASONIC®	214-814R	214-814	214-14	415-35-10Q
	PANASONIC	214-830R	214-830	214-30	415-35-10Q
	FRONIUS®	214-817R	214-817	214-17	415-35-10Q
	FRONIUS	214-841R	214-841	214-41	415-35-10Q
	EURO	N/A	425-820E	425-20	N/A
	L-TEC®	214-84R	214-84	214-4	415-35-10Q
	OTC DAIHEN®	214-839R	214-839	214-39	415-35-10Q
	0.052" - 1/16"	MILLER	214-91R	214-91	214-1
TWECO #4		214-90R	214-90	214	415-116-10Q
TWECO #5		214-912R	214-912	214-12	415-116-10Q
LINCOLN		214-97R	214-97	214-7	415-116-10Q
LINCOLN		214-918R	214-918	214-18	415-116-10Q
LINCOLN		214-940R	214-940	214-40	415-116-10Q
LINCOLN		214-943R	214-943	214-43	415-116-10Q
PANASONIC		214-914R	214-914	214-14	415-116-10Q
PANASONIC		214-930R	214-930	214-30	415-116-10Q
FRONIUS		214-917R	214-917	214-17	415-116-10Q
FRONIUS		214-941R	214-941	214-41	415-116-10Q
EURO		N/A	425-920E	425-20	N/A
L-TEC		214-94R	214-94	214-4	415-116-10Q
OTC DAIHEN		214-939R	214-939	214-39	415-116-10Q

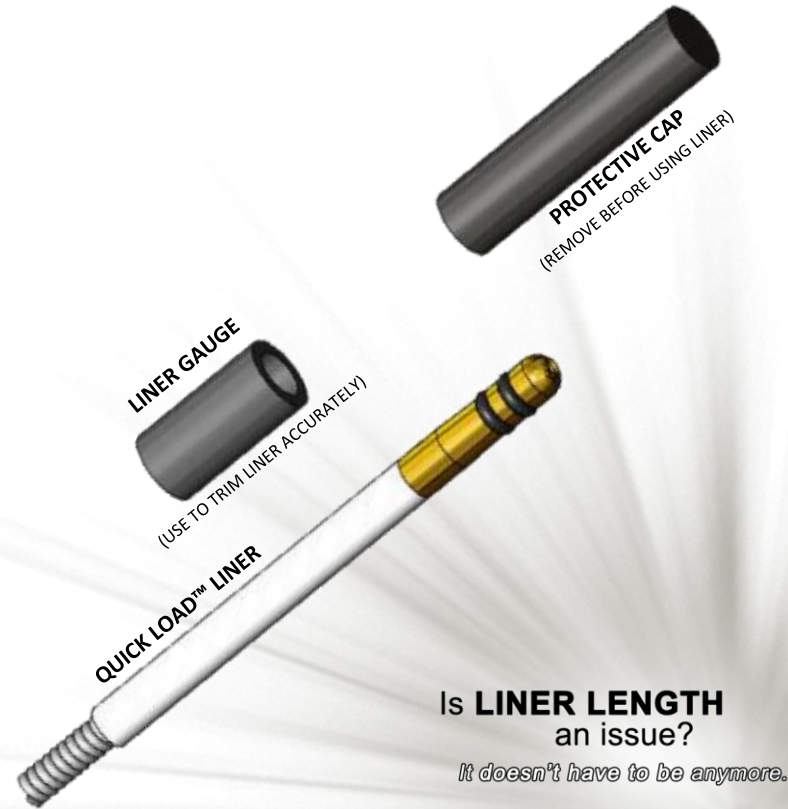
**The AutoLength Kit is a limited time promotional offering that includes one AutoLength Pin and one bonus QUICK LOAD Liner.

Additional wire sizes may be available. Contact Tregaskiss Customer Service to inquire.

FOR SEMI-AUTOMATIC APPLICATIONS					
WIRE SIZE	FEEDER BRAND	AUTOLENGTH KIT** PART NUMBER	AUTOLENGTH PIN PART NUMBER	INTERCHANGEABLE WITH STANDARD POWER PIN	QUICK LOAD LINER INCLUDED IN KIT
0.035" - 0.045"	MILLER®	214-81SA	214-81	214-1	415-35-25Q
	MILLER	214-86SA	214-86	214-6-116	415-35-25Q
	TWECO® #4	214-80SA	214-80	214	415-35-25Q
	TWECO #5	214-812SA	214-812	214-12	415-35-25Q
	LINCOLN®	214-82SA	214-82	214-2	415-35-25Q
	PANASONIC®	214-814SA	214-814	214-14	415-35-25Q
	FRONIUS®	214-817SA	214-817	214-17	415-35-25Q
	FRONIUS	214-841SA	214-841	214-41	415-35-25Q
	EURO	N/A	425-820	425-20	N/A
	L-TEC®	214-84SA	214-84	214-4	415-35-25Q
0.052" - 1/16"	MILLER	214-91SA	214-91	214-1	415-116-25Q
	MILLER	214-96SA	214-96	214-6-332	415-116-25Q
	TWECO #4	214-90SA	214-90	214	415-116-25Q
	TWECO #5	214-912SA	214-912	214-12	415-116-25Q
	LINCOLN	214-92SA	214-92	214-2	415-116-25Q
	PANASONIC	214-914SA	214-914	214-14	415-116-25Q
	FRONIUS	214-917SA	214-917	214-17	415-116-25Q
	FRONIUS	214-941SA	214-941	214-41	415-116-25Q
	EURO	N/A	425-920	425-20	N/A
L-TEC	214-94SA	214-94	214-4	415-116-25Q	

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Is **LINER LENGTH**
 an issue?
It doesn't have to be anymore.

Learn more about the
**QUICK LOAD™ Liner
 AutoLength™ System**

Tregaskiss.com/AutoLength

How to INSTALL QUICK LOAD™ Liners When Replacing Conventional Liners

1. Remove the protective cap from the new QUICK LOAD Liner.

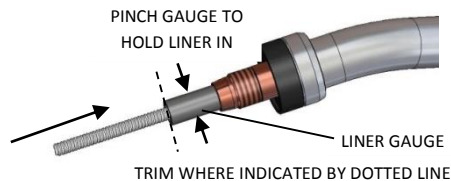


2. Install this liner from the back of the MIG gun with retainer attached (using the same procedure as installing a conventional liner). Future replacements will be done from the front. (Refer to How to REPLACE QUICK LOAD™ Liners on the next panel.)



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:**

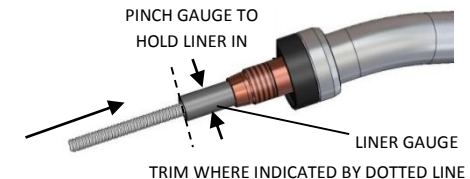
Once the QUICK LOAD Liner stops feeding, give it an extra push to ensure it bottoms out and is inserted completely.

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 and stick out of the neck by 1-3/4" after trimming. This is normal. The liner will be pushed back into the neck when the consumables are installed.

6. Reinstall consumables.