

Item	Description
1	Lug Cover
2	Lug/Saddle Clamp
3	Nutplate (FCAL12/FCALK12 only)

Table 2. List of parts in the lug accessory kit.

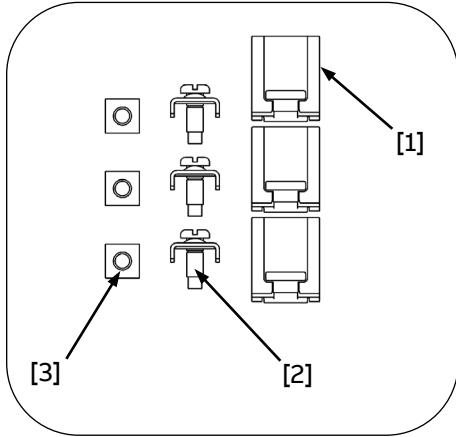


Figure 2. Parts supplied with the saddle clamp kit.

3. Install saddle clamp [2] oriented as shown in Figure 1.
4. Use joint compound recommended by wire manufacturer with aluminum wire.
5. Cu/Al wire, strip length: 0.40 - 0.45 in (10 – 11mm).
6. Install wire #14 - 10 AWG and torque lug screw with 5/32" or 4 mm hex wrench to 35 lb -in (4 Nm).

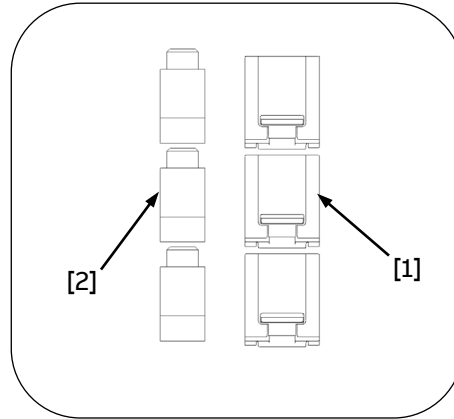


Figure 3. Parts supplied with the lug kits.

Step 1 – Unpack and Inspect

Unpack the wire connector kit and inspect the parts for any shipping damage. Verify that all parts are supplied, as listed in Table 2 and illustrated in Figure 2 or Figure 3.

Step 2 – Installation

Note: When using aluminum wire, use a joint compound recommended by the wire manufacturer.

Important: Dans les cas d'emploi de câble aluminium, utilisez le lubrifiant recommandé par le fabricant.

Check to make sure all terminals are torqued to the proper value. (8.84 lb-in = 1 Nm)
FCAL12/FCALK12 15-20A Saddle Clamps

1. Place nutplate [3] into recess in lug cover [1].
2. Push lug cover into terminal opening until it snaps into place, as illustrated in Figure 1.

FCAL13/FCALK13/FCO13/FCOLK1330-60ALugs FCAL14/FCALK14/FCO14/FCOLK1470-100ALugs

1. Slide lug [2] into lug cover [1], as shown in Figure 1.
2. Push lug cover with lug inside in to terminal opening until it snaps into place, as illustrated in Figure 1.
3. Use joint compound recommended by wire manufacturer with aluminum wire.
4. Cu/ Al wire, strip length: 0.40 -0.45 in (10 – 11mm)
5. Install wire and torque lug screw with 4 mm or 5/ 32" hex wrench according to Table 3.

Wire	Torque lb -in (Nm)
#10 AWG	35 lb-in (4 Nm)
# 8 AWG	40lb-in (4.5 Nm)
# 6 & 4 AWG	45lb-in (5 Nm)
# 3 - 1/0 AWG	50 lb-in (5.7 Nm)

Table 3. Lug Torque Values.

These instructions do not cover all details or variations in equipment nor do they provide for every possible contingency that may be met in connection with installation, operation, or maintenance. Should further information be desired or should particular problems arise that are not covered sufficiently for the purchaser's purposes, the matter should be referred to the ABB Company. The circuit breaker is a sealed unit that contains no user-serviceable parts. Tampering with the seal will void the warranty.