

## Medium Voltage Leads, 5–8 kV


### 3M™ Motor Lead Pigtail Splice Kits, Non-Shielded Pigtail, 5316-5319

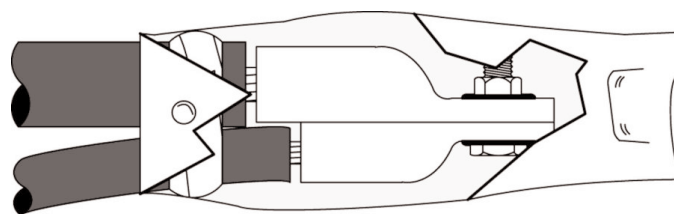
3M™ Motor Lead Pigtail Splicing Kits 5300 Series are a series of kits designed for splicing motor lead cables to incoming feeder cables, including pigtail (stub) connections at 1000 volts or less, as well as 5/8 kV non-shielded feeders. The splice's main component, the slip-on splice cover, is made from EPDM rubber. A mastic strip is used for the moisture seal.

These kits are designed to be used with copper compression, one- or two-hole lugs. After being crimped onto the cables, the lugs are bolted together in a pigtail configuration, then insulated and sealed with the 3M Motor Lead Splicing Kit. Each kit contains the necessary materials (except lugs) needed to make three splices. The lugs must be purchased separately. 3M™ Scotchlok™ Copper Compression Lugs 30000 Series, or other UL listed copper lugs, can be used.

Kit contents include

- ♦ (3) Pigtail lug covers
- ♦ (3) Locking pins
- ♦ (3) Tubes of silicone grease
- ♦ (3) Bags of solvent cleaning cloths
- ♦ (3) Mastic sealing strips
- ♦ (3) Scotch® Linerless Rubber Splicing Tape 130C strips
- ♦ (3) Instruction sheets

<b>Voltage</b>	1000 V & 5/8 kV
<b>Cable/Shielding Type</b>	Single Conductor Cable, Non-Shielded Dry Cable, Non-Shielded Wet or Dry Cable
<b>Connection Type</b>	Non-Shielded Pigtail and 2-Hole Lugs
<b>RoHS 2011/65/EU</b>	Yes
<b>Agency Approvals</b>	



**Pigtail Nonshielded**

Order No.	UPC	Feeder Cable Wire Range	Motor Lead Cable Wire Range	Max. Bolt Length	Insulation O.D.	Lug Length	Case Qty.
5316	054007-08313	8–4 AWG	10–4 AWG	1/2" (12,7 mm)	0.30"–0.51" (7,6–13,0 mm)	8.0" (203,2 mm)	1
5317	054007-08314	2–1/0 AWG	4–1/0 AWG	3/4" (19,1 mm)	0.43"–0.65" (10,9–16,5 mm)	9.5" (241,3 mm)	1
5318	054007-08315	1/0 AWG–250 kcmil	2 AWG–250 kcmil	1-1/4" (31,8 mm)	0.53"–0.88" (13,5–22,4 mm)	11.0" (279,4 mm)	1
5319	054007-08316	250–500 kcmil	4/0 AWG–500 kcmil	1-1/2" (38,1 mm)	0.75"–1.12" (19,1–28,4 mm)	13.0" (330,2 mm)	1