

DIE CAST COLOR-KEYED® BATTERY CONNECTORS FOR BATTERY CABLE APPLICATION

INSTALLATION INSTRUCTIONS

WARNING: EXPLOSIVE GASES COULD BE PRESENT NEAR BATTERIES. DO NOT USE OPEN FLAME OR INTENSE HEAT NEAR THE BATTERY OR ANY OTHER AREA WHERE FLAMMABLE SUBSTANCES MAY CAUSE A FIRE.

1. Before making battery cable assembly, disconnect battery cables from battery post. **IMPORTANT:** Make a note of the location of the positive and negative terminals to assist in correct installation.
2. Carefully strip insulation from cable without nicking cable strands. See Figure 1.
3. The conductor strands should be clean and free of dirt.
4. If heat shrink tubing is to be used, it should be slipped on the cable at this time.
5. If KOPR-SHIELD† compound is to be used on the installation, it should be applied to the bare conductors at this time.
6. Select proper connector from table. The connector shows the corresponding installing tool & die according to the gage of the battery cable.
7. Insert stripped end of cable into the connector until it bottoms.
8. Position connector in die. Compress (crimp) between colored lines. (See figure 2). First compression should be furthest from cable. A total of two crimps is necessary. If KOPR-SHIELD† compound was applied in Step 5, wipe off excess.
9. If heat shrink insulators are used, they should now be positioned over the barrel of the connector(s), insulator should cover connector barrel and overlap wire insulator by a minimum of 1-1/2". (See Figure 3). Apply heat per instructions packed with the heat shrink insulators.
10. Apply KOPR-SHIELD† compound to inside circumference of connector and on the battery post, then tighten.
11. Replace battery cables to the corresponding post. **IMPORTANT!** Cables must be installed with proper polarity.

† Registered trademark of Jet-Lube Inc.

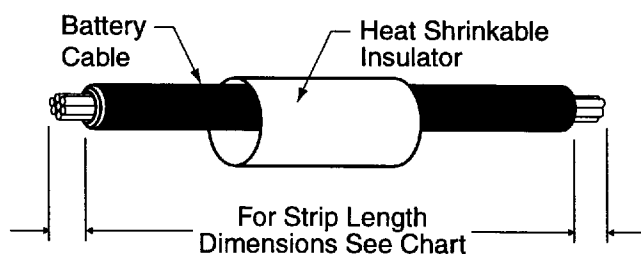
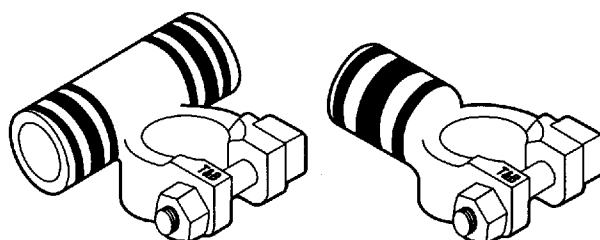


Figure 1

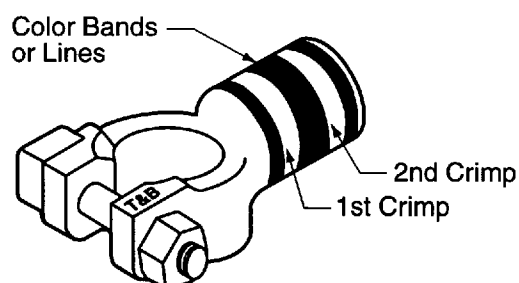


Figure 2

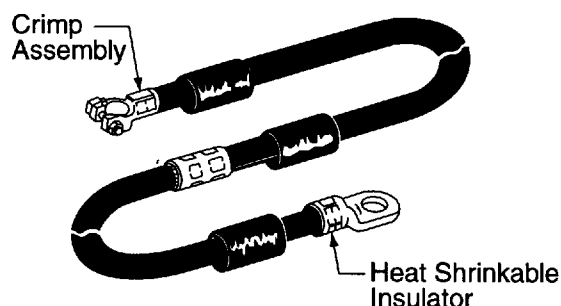


Figure 3

CABLE SIZE AND COLOR CHART

CATALOG NUMBER*	CONNECTOR TYPE	BATTERY CABLE SIZE	COLOR CODE	POLARITY	INSTALLING TOOL** & DIE COLOR	STRIPPING LENGTH
BAC4SPDT	STRAIGHT	4	GREY	POSITIVE	GREY	1.0
BAC2SPDT	STRAIGHT	2	GREEN	POSITIVE	GREEN	31/32
BAC1SPDT	STRAIGHT	1	PINK	POSITIVE	PINK	31/32
BAC10SPDT	STRAIGHT	1/0	BLACK	POSITIVE	BLACK	31/32
BAC20SPDT	STRAIGHT	2/0	ORANGE	POSITIVE	ORANGE	31/32
BAC30SPDT	STRAIGHT	3/0	PURPLE	POSITIVE	PURPLE	31/32
BAC40SPDT	STRAIGHT	4/0	YELLOW	POSITIVE	YELLOW	31/32
BAC4SNDT	STRAIGHT	4	GREY	NEGATIVE	GREY	1.0
BAC2SNDT	STRAIGHT	2	GREEN	NEGATIVE	GREEN	31/32
BAC1SNDT	STRAIGHT	1	PINK	NEGATIVE	PINK	31/32
BAC10SNDT	STRAIGHT	1/0	BLACK	NEGATIVE	BLACK	31/32
BAC20SNDT	STRAIGHT	2/0	ORANGE	NEGATIVE	ORANGE	31/32
BAC30SNDT	STRAIGHT	3/0	PURPLE	NEGATIVE	PURPLE	31/32
BAC40SNDT	STRAIGHT	4/0	YELLOW	NEGATIVE	YELLOW	31/32
BAC4SUDT	STRAIGHT	4	GREY	UNIVERSAL	GREY	1.0
BAC2SUDT	STRAIGHT	2	GREEN	UNIVERSAL	GREEN	31/32
BAC1SUDT	STRAIGHT	1	PINK	UNIVERSAL	PINK	31/32
BAC2FPDT	FLAG	2	GREEN	POSITIVE	GREEN	31/32
BAC1FPDT	FLAG	1	PINK	POSITIVE	PINK	1
BAC10FPDT	1FLAG	1/0	BLACK	POSITIVE	BLACK	1
BAC20FPDT	FLAG	2/0	ORANGE	POSITIVE	ORANGE	1
BAC30FPDT	FLAG	3/0	PURPLE	POSITIVE	PURPLE	1
BAC40FPDT	FLAG	4/0	YELLOW	POSITIVE	YELLOW	1
BAC2FNDT	FLAG	2	GREEN	NEGATIVE	GREEN	1
BAC1FNDT	FLAG	1	PINK	NEGATIVE	PINK	31/32
BAC10FNDT	FLAG	1/0	BLACK	NEGATIVE	BLACK	1
BAC20FNDT	FLAG	2/0	ORANGE	NEGATIVE	ORANGE	1
BAC30FNDT	FLAG	3/0	PURPLE	NEGATIVE	PURPLE	1
BAC40FNDT	FLAG	4/0	YELLOW	NEGATIVE	YELLOW	1

* Finish: Tin Plate

** Installing Tools: TBM5SV, TBM8250S(BM), BCT840S, TBM101S(BM).

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