



BLACK-BURY™ UNDERGROUND CONNECTORS

UPP Series Submersible In-line Splice and Multi-cable Connectors

UPP-350 Series for 350kcmil - #10 SOL

UPP-500 Series for 500kcmil - #10 SOL

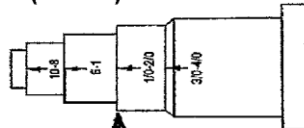
UPP-750 Series for 750kcmil - #2 AWG

Pre-filled with oxide-inhibitor. For use with Class B cables only. DO NOT use with high-strand flex-type cables. Supplied with a capsule of silicone lubricant (for use on cable jacket only).

Read entire instruction before cutting adapter sleeve.

1. Cut adapter sleeve at proper step for cable size (Fig. 1), leaving size mark on adapter.
Adapter sleeve must be cut straight and at 90° to form proper seal on cable jacket.
NOTE: With 350 Series, for 250-350kcmil cable or insulation dia over .72 inches, do not use adapter.
With 500 Series, for 400-500kcmil cable or insulation dia over .85 inches, do not use adapter.
With 750 Series, for 600-750kcmil cable or insulation dia over 1.05 inches, do not use adapter.
For these sizes the rubber connector body will directly contact the cable jacket. To attain a proper seal, the adapter must fit snugly on the wire insulation.
2. Strip insulation jacket from cable according to STRIP LENGTH GUIDE molded on connector. (Fig. 2)
With 350 Series connector, strip 1-1/8 inches.
With 500 Series connector, strip 1-3/8 inches.
With UPP1-750, strip 2-1/2 inches. With multi-wire 750 Series, strip 2-3/8 inches.
Taper (pencil) the end of the insulation to ease insertion into the adapter sleeve, and to avoid damaging wire strands. DO NOT RING the insulation.
3. To provide moisture seal, cable jacket must be clean and dry. Wipe cable jacket clean. Then apply silicone lubricant (from capsule) to cable jacket. If used, slide adapter sleeve onto cable beyond strip length. (Fig. 2 & 3)
4. Remove access plug to access the set-screw.
5. Loosen screw to allow cable entry fully to the back of the aluminum connector. (Fig. 4)
6. Assure connector is pre-filled with oxide-inhibitor or coat the stripped wire (use a non-petroleum type that will not affect rubber). Push cable fully into aluminum connector (under set screw and snug to back of connector body) with adapter sleeve (if used) fully inserted into the cable outlet (Fig. 5). DO NOT use silicone lubricant on adapter sleeve.
7. Torque set-screw to value required on the TORQUE CHART below.
8. Press access plug fully into rubber connector body. (Fig. 5) DO NOT use silicone lubricant.

Fig. 1 Cut Adapter Sleeve (if used)



Cut adapter sleeve for cable size.
EXAMPLE: Cut here for #1/0.

Fig. 2 Strip insulation per STRIP LENGTH GUIDE on connector.

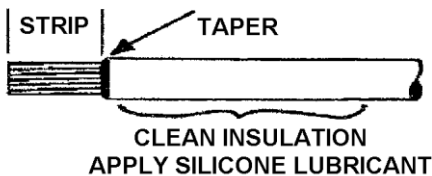


Fig. 3 Install adapter sleeve (if used).

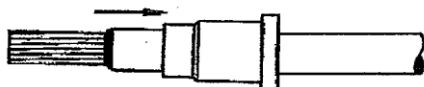


Fig. 4

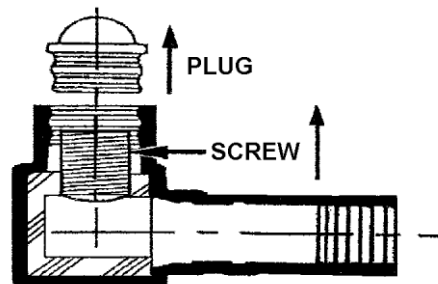
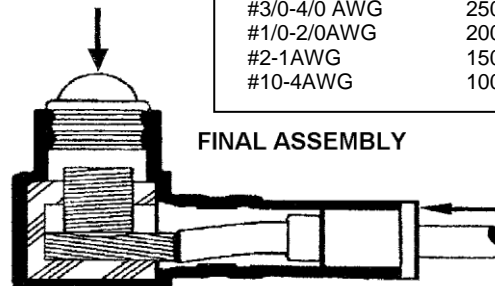


Fig. 5



TORQUE CHART	
CONDUCTOR RANGE	TORQUE IN-LB
750MCM	500
400-700MCM	450
300-350MCM	350
250MCM	300
#3/0-4/0 AWG	250
#1/0-2/0AWG	200
#2-1AWG	150
#10-4AWG	100