

Installation of Wire to ACM/ACO/ACO-90 Adaptor

- 1) Select proper ACM/ACO/ACO-90 adaptor for the wire size to be used. ACM/ACO/ACO-90 adaptors may be used on aluminum or copper wire.
- 2) Strip the wire insulation. Do not nick or ring the conductor. Remove any mylar coating on the wire.
- 3) Remove surface oxides from the conductor by cleaning it with a wire brush.
- 4) Insert conductor all the way into the barrel of the ACM/ACO/ACO-90 adaptor
- 5) Select the proper tool/die. See chart on opposite side. On multiple crimps, start first crimp close to the aluminum pin. Work toward the conductor on successive crimps. Remove flash and excess anti-oxidant before slipping provided cover into place.

Installation of ACM/ACO/ACO-90 Adaptor to Field Device

- 1) ACM/ACO/ACO-90 adaptors may only be used in a field device with set screw connectors suitable for use with aluminum conductors. Check the connector to be sure that the knurled pin of the ACM/ACO/ACO-90 adaptor can be sufficiently clamped with the set screw.
- 2) With the cover installed on the ACM/ACO/ACO-90 adaptor check to be sure there is no interference in any direction between the cover and surrounding material.
- 3) Be sure the ACM/ACO/ACO-90 adaptor does not reduce the wire bending space as required by applicable codes.
- 4) Bend conductor to fit before installing the ACM/ACO/ACO-90 adaptor.
- 5) Insert aluminum pin of the ACM/ACO/ACO-90 adaptor into the set screw connector of the field device and tighten set screw using the torque specified in chart on opposite side. Alternatively, use the equipment manufacturer's recommended tightening torque.