

All Polaris Edge connectors meet or exceed ANSI C119.1 standards for temporary submersion in wet or damp environments, in freshwater or saltwater. Not suited for continuous submersion. Additionally, the ISPBS350 in-line splice is UL486D listed.

1. Conductor must have insulation acceptable for wet or damp locations.
2. Wipe any contaminant including dirt, water or oil off the conductor's insulation.
3. Mark the conductor insulation 1-1/8" using the strip length indicated on the connector and 4" from the end as a reference mark.
4. Remove the conductor insulation up to the 1-1/8" strip length, being sure not to score or nick the bare wire. For wire sizes 250 and larger, bevel the insulation's edge.
5. Clean aged or oxidized bare conductors with a wire brush.
6. Remove conductor sleeve from connector. Discard sleeve for 300 - 350 kcmil (if discarded go to step 9).
7. Cut off the port sleeve at the step indicated on the sleeve. Make sure to cut straight across the end of the appropriately-sized step.
8. Reinsert the conductor sleeve into the conductor port.
9. Remove the set screw access plug and loosen the set screw to allow conductor insertion.
10. For easier assembly, lubricate the exterior of conductor insulation with the included dielectric silicone grease.
11. Insert the conductor until the 4" reference mark is even with the end of the port and the conductor hits the back of the connector.
12. Tighten the pressure screws to the recommended torque below.
13. Replace set screw access plug.

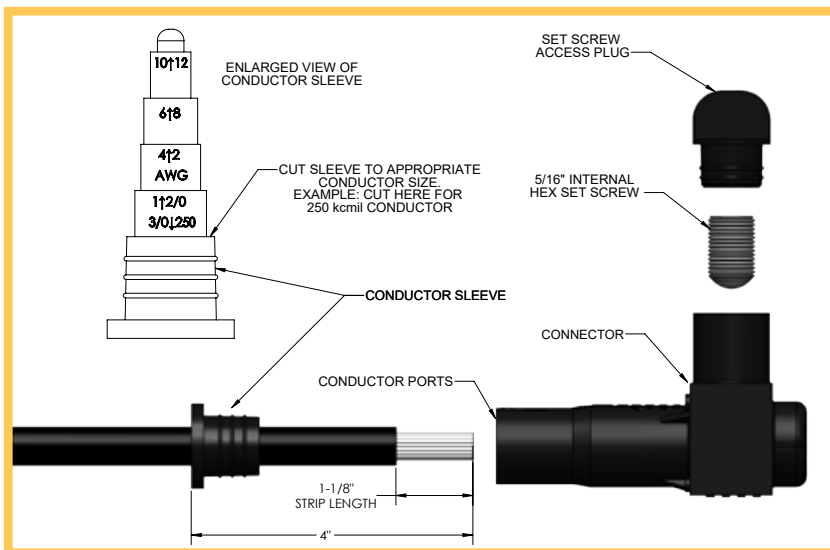


ISPB

not UL Listed



ISPBS



ISPB 350 SERIES

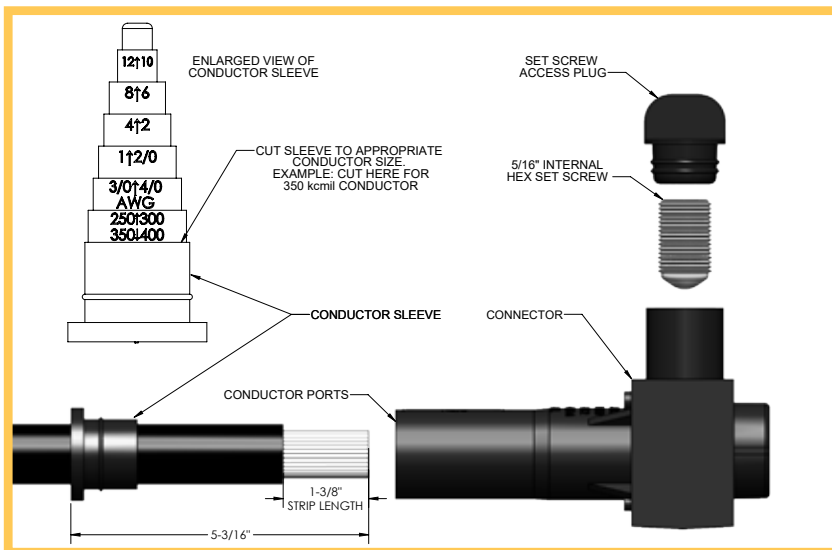
WIRE RANGE (MCM/AWG)	MAX TORQUE (IN/LB)
#10	35
#8	75
#4 - #6	110
#1 - #3	150
350 MCM - 1/0 AWG	400

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1. Conductor must have insulation acceptable for wet or damp locations.
2. Wipe any contaminant including dirt, water or oil off the conductor's insulation.
3. Mark the conductor insulation 1-3/8" and 5-3/16" from the end.
4. Remove the conductor insulation up to the 1-3/8" strip length, be sure not to "score" or "nick" conductor (bare wire). Tip - For wire sizes 400 and larger bevel edge of insulation.
5. Clean aged or oxidized bare conductors with a wire brush.
6. Remove the conductor insulation up to the 1-1/8" strip length, being sure not to score or nick the bare wire. For wire sizes 400 and larger, bevel the insulation's edge.
7. Cut off the port sleeve at the step indicated on the sleeve. Make sure to cut straight across the end of the appropriately-sized step.
8. Reinsert the conductor sleeve into the conductor port.
9. Remove the set screw access plug and loosen the set screw to allow conductor insertion.
10. Insert the conductor until the 5-3/16" reference mark is even with the end of the port and the conductor hits the back of the connector.
11. Tighten the pressure screws to the recommended torque below.
12. Replace set screw access plug.



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ISPB 600 SERIES

WIRE RANGE (MCM/AWG)	MAX TORQUE (IN/LB)
#10	35
#8	75
#4 - #6	110
#1 - #3	150
350 MCM - 1/0 AWG	400
600 - 400 MCM	500

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1. Conductor must have insulation acceptable for wet or damp locations.
2. Wipe any contaminant including dirt, water or oil off the conductor's insulation.
3. Mark the conductor insulation 3/4" using the strip length indicated on the connector and 2-1/4" from the end as a reference mark.
4. Remove the conductor insulation up to the 3/4" strip length, being sure not to score or nick the bare wire. For wire sizes #1 AWG and larger, bevel the insulation's edge.
5. Clean aged or oxidized bare conductors with a wire brush.
6. Remove conductor sleeve from connector. Discard sleeve for 1/0 - 2/0 AWG (if discarded go to step 9).
7. Cut off the port sleeve at the step indicated on the sleeve. Make sure to cut straight across the end of the appropriately-sized step.
8. Reinsert the conductor sleeve into the conductor port.
9. Remove the set screw access plug and loosen the set screw to allow conductor insertion.
10. For easier assembly lubricate the exterior of conductor insulation with the included dielectric silicone grease.
11. Insert the conductor until the 2-1/4" reference mark is even with the end of the port and the conductor hits the back of the connector.
12. Tighten the pressure screws to the recommended torque below.
13. Replace set screw access plug.

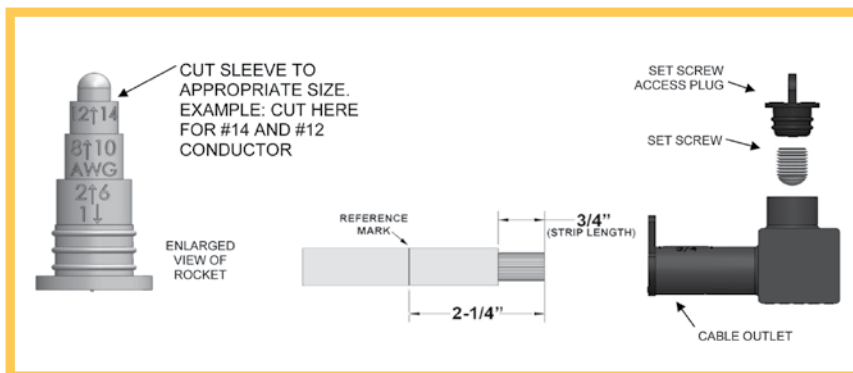
ISPBO



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ISPBS



ISPB 2/0 SERIES

WIRE RANGE (MCM/AWG)	MAX TORQUE (IN./LB)
#10 - #14	35
#8	75
#4 - #6	120
#1 - #3	120
2/0 - 1/0 AWG	120