

POLARIS™ BLACK AND VISION TAP™

Installation Instructions

- Brush all conductors before inserting into connector.
- Strip wire insulation in accordance with Chart 1 below.
- Insert conductor into connector ports with no more than one conductor per port.
- NOTE: Wire insulation on a properly installed connector must be inside the insulated conductor port no less than 3/8".
- Secure pressure screws per the torque value given in Chart 2 below.



Chart 1

Connector Size	Strip Length (In.)	Max Torque (In./Lbs.)
#4	11/16"	35
1/0	1-1/16"	80
3/0	1-1/8"	250
250	1-3/8"	360
350	1-1/2"	400
500	1-3/4"	450
600	2"	550
750	2"	550
ISRH 750	2-1/2"	550
750H	3-3/8"	550

Chart 2

Wire Range (MCM/AWG)	Connector Size							
	750	600	500	350	250	3/0	1/0	#4
750 - 600	550	550						
500	550	550	450					
400	550	550	450					
350	550	550	450	400				
250	550	550	450	400	360			
4/0	550	550	450	400	360			
3/0	550	550	450	400	360	250		
2/0	550	550	450	400	360	180		
1/0	550	550	450	400	360	180	80	
3 - 2 - 1		150	150	150	150	150	65	
#4 - #6		150	110	110	110	110	55	35
#8							45	25
#10 - #14							25	15