Polaris Sales Co., Inc.
11625 Prosperous Drive
Odessa, FL 33556

Assembly of Connectors

Wire insulation must be stripped in accordance with the Standard Connector Strip Length Chart below. The wire insulation on a properly installed connector must be inside the insulated conductor port no less than 3/8 inch.

Pressure screws MUST be secured at the torque value given on the Torque Chart corresponding to the wire size and connector size shown on the reverse side of this page. The UL listing is for stranded wire only, AL9-CU 600 Volts maximum for building wiring and 1000 volts maximum for signs or luminaries. The connector and insulation temperature rating is 90 degrees C.
A properly installed connector will have no more than one conductor per port.

Strip Length Chart

Connector Size	Length (in)
750H	3 1/4
ISRH 750	2 5/16
750	2
500	1- 5/8
350	1- 3/8
250	1- 1/4
ISR 250	1- 1/8
3/0	1
1/0	7/8
#4	11/16

TORQUE CHART

Tightening Torque, inch pounds
CONNECTOR SIZES

CONNECTOR SIZE	**1000**	**750**	**500**	**350**	**250**	**3/0**	**1/0**	**#4**
WIRE SIZE AWG								
1000-800	550							
750-600	550	550						
500	450	450	450					
400	425	425	425					
350	400	400	400	400				
250	360	360	360	360	360			
4/0			250	250	250			
3/0			250	250	250	250		
2/0			180	180	180	180		
1/0			180	180	180	180	180	
3-2-1			150	150	150	150	150	
#4 - #6			110	110	110	110	110	45
#8							75	40
#10 - #14							35	35