



SDHQ Motorsports
190 S McQueen Rd
Ste 109 Gilbert, AZ 85233
www.SDHQoffroad.com

Product Packing List

Product: SDHQ-02-1103-ARB-S2

Description: SDHQ Built ARB Twin Switch Harness

- | | | |
|-------|---|------------------------|
| _____ | (1) SDHQ Built ARB Twin Switch Harness | SDHQ-02-1103-ARB-S2-A |
| _____ | (1) Hardware Package | SDHQ-02-1103-ARB-S2-HP |
| _____ | (1) 8 Position Carlington Connector | |
| _____ | (5) 630 20-18g Female Terminals | |
| _____ | (1) 8" 18 Gauge Black TXL Wire | |
| _____ | (1) 8" 18 Gauge Purple TXL Wire | |
| _____ | (1) 15' Length of ¼" Flexo Braided Loom | |
| _____ | (2) 1" Long ¼" Dual Wall Heat Shrink Tubing | |

Inspected and Packaged By: _____ Date: _____

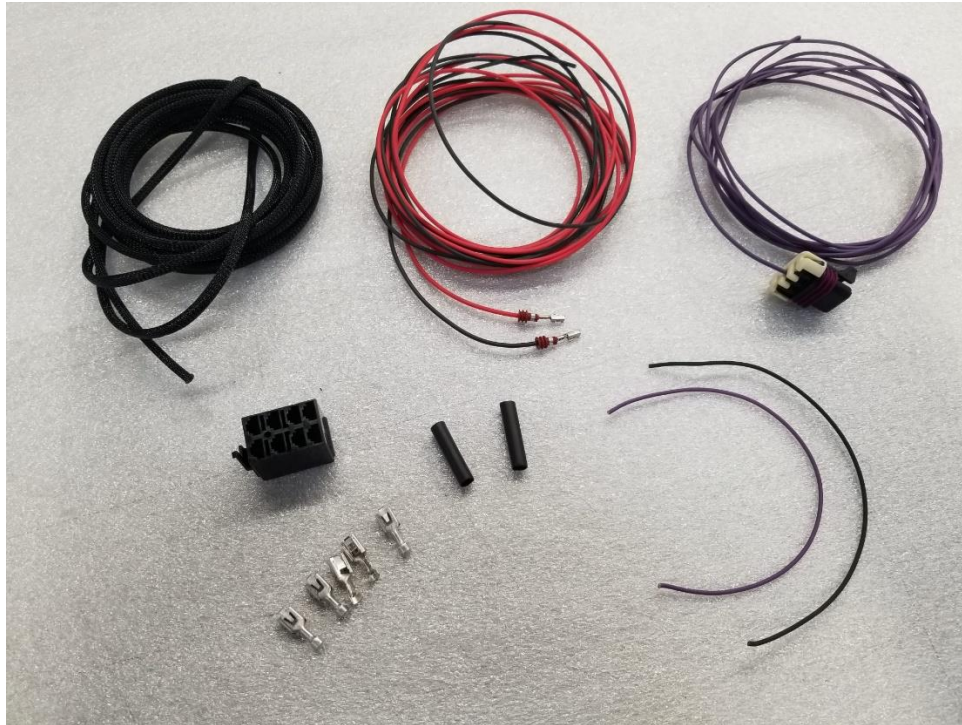


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INSTALLATION INSTRUCTIONS

Product: SDHQ-02-1103-ARB-S2

Description: SDHQ Built ARB Twin Switch Harness



<u>Parts List</u>	<u>Hardware List</u>	<u>Required Tools</u>
(1) SDHQ Built ARB Twin Trigger/Switch Harness SDHQ-02-1103-ARB-S2-A (1) Hardware Package SDHQ-02-1103-ARB-S2-HP	(1) 8 Position Carling Connector (5) 630 20-18g Female Terminals (1) 8" 18 Gauge Black TXL Wire (1) 8" 18 Gauge Purple TXL Wire (1) 15' Length of 1/4" Flexo Braided Loom (2) 1" Long 1/4" Dual Wall Heat Shrink Tubing	Heat Gun Open Barrel Crimpers Wire Strippers

Tech Notes

*** Not Compatible with ARB Air Locker Wiring Harness**

Approx. Install Time: 1 Hour

READ ALL INSTRUCTIONS THOROUGHLY FROM START TO FINISH BEFORE BEGINNING INSTALLATION!

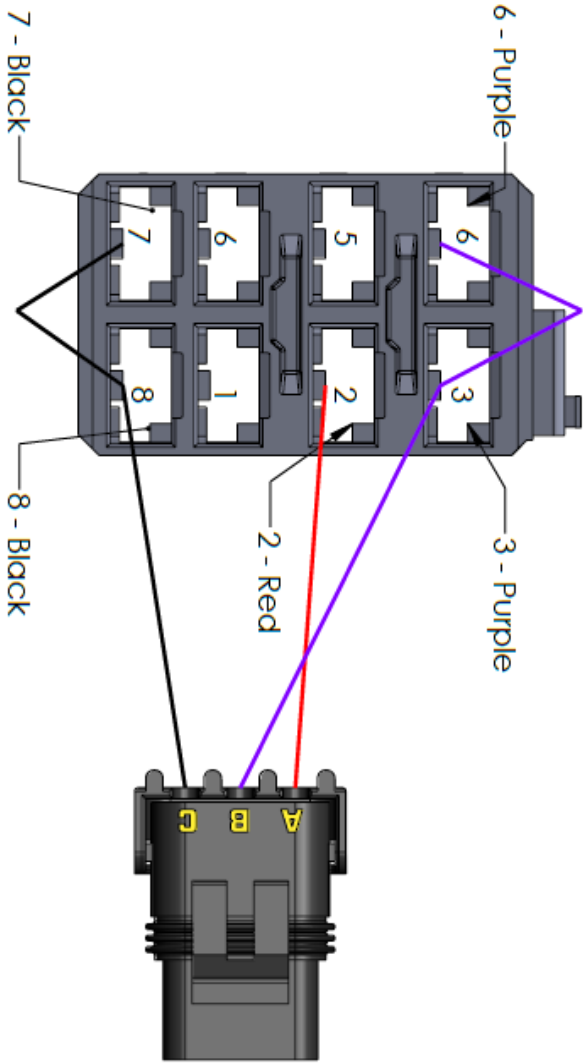
For questions or help with the installation, please email help@sdhqoffroad.com
 Store front hours: Mon. – Fri. 8:00am – 5:30pm and Sat. 9:00am – 2:00pm Arizona Time.

ARB Switch Installation Instructions:

1. Place loom over the wires and secure in place using heat shrink.
2. Depending upon the installation location of the ARB Switch route the harness to the ARB Switch. Cut off the excess harness and push back the loom to expose the Red, Purple and Black wires.
3. Using a pair of wire strippers remove about a ¼” of the wire insulation on the ends of the Red, Purple and Black wires and both ends of the 8” Purple and Black wires.
4. Using a pair of Open Barrel Crimpers, Crimp a terminal onto the end of the Red wire. Refer to Page 5.
5. Crimp a terminal onto the end of the Purple and one end of the 8” Purple wire.
6. Crimp a terminal onto the end of the Black and one end of the 8” Black wire.
7. Crimp a terminal onto the other end of the 8” Purple wire and onto the other end of the 8” Black wire.
8. Pin the Red terminal into location 2 of the Carling connector. Refer to Page 5.
9. Pin the Purple terminal with (2) wires into location 3 of the Carling connector.
10. Pin the Black terminal with (2) wires into location 8 of the Carling connector.
11. Pin the Purple terminal with (1) wire into location 6 of the Carling connector.
12. Pin the Black terminal with (1) wire into location 7 of the Carling connector.
13. Place the lengths of the 8” Purple and Black wires under the loom and secure using heat shrink.
14. Connect the Carling connector to the ARB Switch, Test and Troubleshoot if needed. Enjoy your SDHQ Built ARB Twin Switch Harness.



1. Cut wires to desired length, loom with heat shrink, and strip 1/4" off both ends of each wire.
2. Crimp (1) MP 630 20-18g Female Terminal on other end of (1) RED wire.
Combine stripped ends of (2) BLACK wires and crimp (1) MP 630 20-18g Female Terminal onto both wires.
Combine stripped ends of (2) PURPLE wires and crimp (1) MP 630 20-18g Female Terminal onto both wires.
Crimp (1) MP 630 20-18g Female Terminal on other remaining ends of (1) BLACK and (1) PURPLE wire.
3. Terminate (5) MP 630 20-18g Female Terminals into (1) 8 Position Carlington Connector and fold the PURPLE and BLACK looped wires into a smooth 180° bend.



- List per Harness:
- X1 - 8 Position Carlington Connector
 - X5 - 630 20-18g Female Terminals
 - X1 - MP 150 3 pin Female Connector
 - X1 - MP 150 3 pin Clip Lock
 - X1 - 10' 18g Red TXL Wires
 - X1 - 10' 18g Black TXL Wires
 - X1 - 8" 18g Purple TXL Wires
 - X1 - 8" 18g Black TXL Wires
 - X1 - 15' 1/4" Flexo PET Plus Expandable Loom
 - X2 - 1" 1/4" Dual Wall Heat Shrink Tubing



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REPRODUCTION IN PART OR AS A WHOLE
WITHOUT THE WRITTEN PERMISSION OF
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PROHIBITED.

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED:	
DIMENSIONS ARE IN INCHES	
TOLERANCES:	
FRACTIONAL: ± 1/32"	
ANGULAR: BEND ± 1 Degree	
TWO PLACE DECIMAL ± .03	
THREE PLACE DECIMAL ± .031	
INTERPRET GEOMETRIC TOLERANCING PER:	
MATERIAL	
Thickness	
DO NOT SCALE DRAWING	

DRAWN	NAME	DATE
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		
COMMENTS:		

TITLE:	02-1103-ARB-S2 ARB Twin Switch Harness
SIZE	DWG. NO.
A	
SCALE: 1:1	WEIGHT:
	SHEET 1 OF 1
REV	

*****Double check all hardware is installed correctly and tight*****

*****Re-torque ALL bolts after 100 miles*****



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