



Countries: CANADA, UNITED STATES **Document ID:** IK0800554
Availability: ISIS, FleetSIS, Body Builder, NotSIR **Revision:** 3
Major System: ELECTRICAL SYSTEM **Created:** 10/30/2017
Current Language: English **Last Modified:** 11/14/2017
Other Languages: NONE **Author:** William Katschke
Viewed: 285

[Less Info](#)

Hide Details

Coding Information

Copy Link 	Copy Relative Link 	Bookmark View My Bookmarks	Add to Favorites 	Print 	Provide Feedback 	Helpful 6	Not Helpful 0
----------------------	-------------------------------	--	-----------------------------	------------------	-----------------------------	-------------------------	-----------------------------

Title: Telematic Installation Guidelines

Applies To: Units with 500K Data Link

CHANGE LOG

Please refer to the change log text box below for recent changes to this article:

11/13/2017 - Added picture of DLC which calls out data link pins 11/10/2017 - Initial Article Release
--

DESCRIPTION

This document will provide the user with guidelines to follow when installing a telematic device.

[Location of Pre-wired Harnesses by Feature Code](#)

SYMPTOM(s)

N/A

Diagnostic Trouble Code(s) & Dashboard Indicator Light(s):

N/A

DTC/Light	Description
N/A	N/A

Customer Observations or Concerns:

N/A

SPECIAL TOOL(s) / SOFTWARE

Tool Description	Tool Number	Comments	Instructions
N/A	N/A	N/A	N/A

SERVICE PARTS INFORMATION

Kit Description	Part Number	Quantity Required	Notes:
Bulk Data Link Cable	3519281C2	As Needed	Sales Qty: 25 Foot Roll

Y- Harness (Qualcomm)	45-JB917-2A	1	As needed / Order from Qualcomm
-----------------------	-------------	---	---------------------------------

REPAIR STEP(S)

WARNING! To prevent property damage, personal injury, and / or death, park vehicle on a hard, flat surface, turn the engine off, set the parking brake, and install wheel chocks to prevent the vehicle from moving in either direction.

WARNING! To prevent property damage, personal injury, and / or death, if the vehicle must be raised, do not work under the vehicle supported only by jacks. Jacks can slip or fall over.

WARNING! To prevent personal injury and / or death, always wear safe eye protection when performing vehicle maintenance.

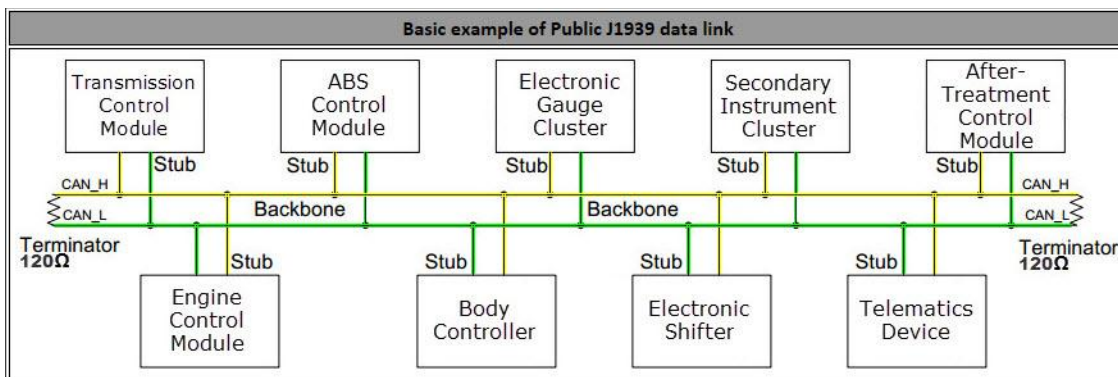
WARNING! To prevent property damage, personal injury, and / or death, keep flames or sparks away from vehicle and do not smoke while servicing the vehicle's batteries. Batteries expel explosive gases.

WARNING! To prevent property damage, personal injury, and / or death, remove the ground cable from the negative terminal of the battery box before disconnecting any electrical components. Always connect the ground cable last.

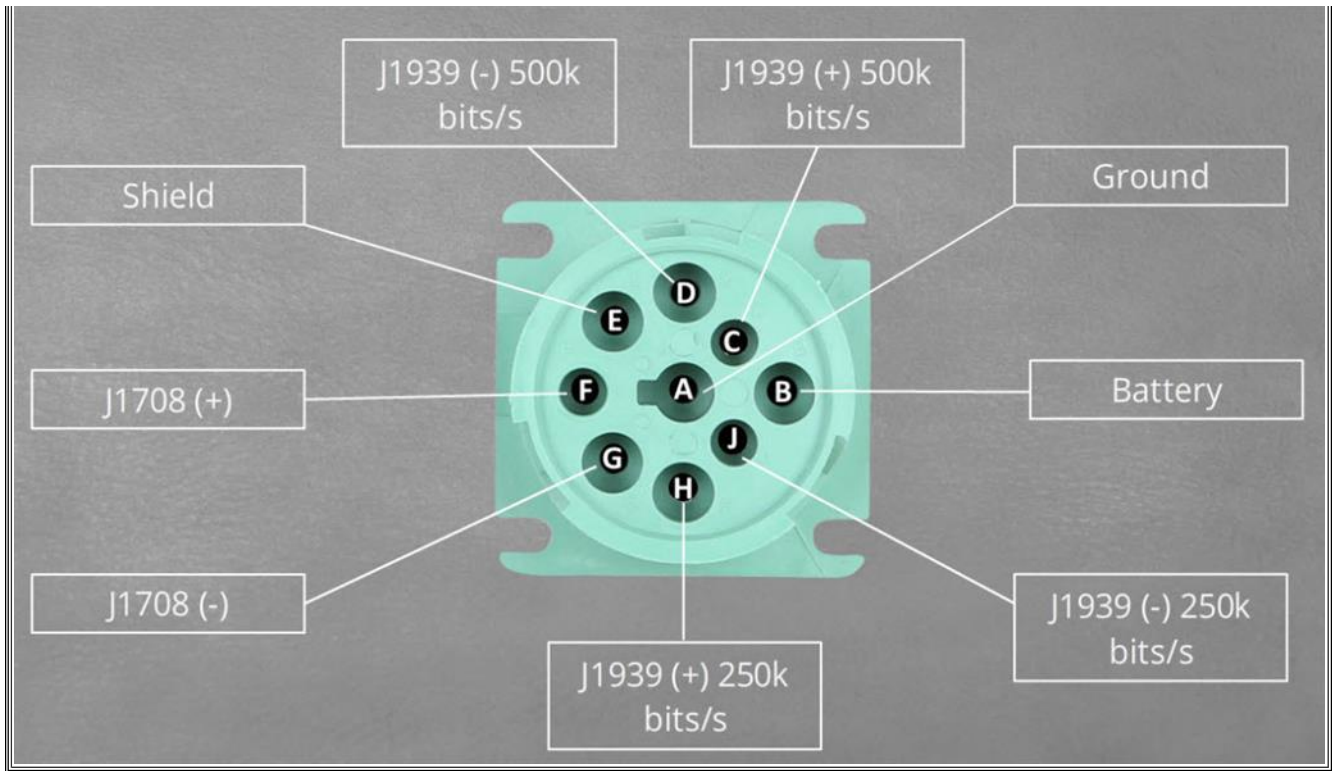
Note:
When performing wire repairs refer to [IK0800269](#)

Note:
Use bulk data link wire when installing telematic devices

1. It is recommended that telematic devices are installed on the 250K Data Link and not spliced into the 500K Data Link.
 - Splicing into the data link may result in erroneous fault codes and/or accessories to not operate properly.
2. If a connection to the 500K Data Link is required a Y-Cable should be used to make the connection.
3. Once telematic device has been installed be sure to verify proper operation of accessories and that no codes become active.
 - If accessories do not operate properly or codes become active contact the telematic manufacturer for assistance.
4. There can only be one telematic device attached the data link, if more then one device is connected it will cause the data link to crash.



Data Link Connector Receptacle



Location of Pre-wired Harnesses by Feature Code

Feature Code	Telematic Device	Location of Harness Connection	Notes
08RKD	Qualcomm Omnivision MCP100S		
08RKS	Qualcomm Omnivision MCP100T		
08RKT	Qualcomm MCP110/MCP200	DIU display routed to dash passenger or driver side	
08RLA	Qualcomm MCP110/MCP200	DIU display routed to dash passenger or driver side	
08RLG	PeopleNet System	Options connector located in the dash passenger side	
08RLK	PeopleNet System	Options connector located in the dash passenger side	
08RLP	Qualcomm MCP110/MCP200	DIU display cable routed to passenger side of bunk area	
08RLW	Qualcomm Omnivision MCP50	Routed to dash passenger side under the fuse panel	Use Y-Harness P/N 45-JB917-2A
08RMJ	Qualcomm MCP110/MCP200	DIU cable cable routed to dash passenger side WIB antennacable routed to right side upper bunk/cabinet location	

WARRANTY INFORMATION

Warranty Claim Coding:

Refer to the [Warranty Coding Manual](#) for Group and Noun Codes.

Standard Repair Time(s):

Refer to the [SRT Manual](#) for Repair Times

OTHER RESOURCES

[Master Service Information Site](#)

Hide Details

[Feedback Information](#)

Viewed: 284
Helpful: 6
Not Helpful: 0

No Feedback Found