HAWKEYE CABLE/NCV CONNECTOR MAINTENANCE INSTRUCTION SHEET

This instruction sheet provides the steps for cleaning Hawkeye connectors and protecting them from contamination and corrosion issues.
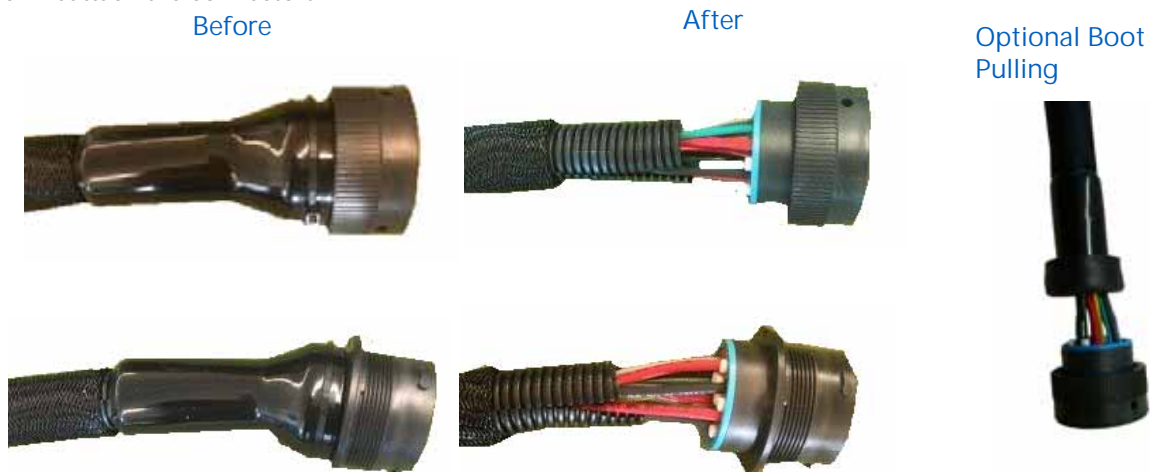
MAINTENANCE KIT

The maintenance kit includes:

- One 10 oz. can of compressed air.
- One 10 oz can of Corrosion X HD corrosion inhibitor spray.
- One 5 oz can of Deoxit D5 deoxidation spray.
- Two miniature, spindle mount cleaning brushes (for use with an electric drill).

POWER AND ECU HARNESS MAINTENANCE

1. Cut and remove the rubber boot from the back of the connector (if applicable). Pulling the boot off of the connector and folding it back on itself is also acceptable.
2. Disconnect the connector and inspect for signs of moisture or corrosion.
3. If moisture or corrosion is detected, use the supplied Deoxit D5, brushes, and supplied compressed air to clean and dry to the connector.
4. When clean, apply a coating of Corrosion X HD to the connector mating surfaces and contacts.
5. Reattach the connectors.

Before

After

Optional Boot Pulling

BOOM HARNESS 6-PIN CONNECTOR MAINTENANCE PROCEDURE

1. Inspect connector for a roll or damaged seal. Replace the seal if damaged.
2. Clean the connector seal as needed.
3. Clean contacts and remove corrosion as needed.
4. Spray the contacts and mating surface with a light coat of Corrosion X HD.

5. Keep the connection free from moisture and contamination prior to plugging the connection into the NCV.

NCV 6-PIN CONNECTION MAINTENANCE PROCEDURE

1. Use the supplied Deoxit D5 and brushes to clean moisture, dirt, debris, corrosion, and oxidation out of the NCV connector.
2. Dry the connector with supplied compressed air.
3. Spray the mating surfaces and pins of the NCV connector with Corrosion X HD. Try to get Corrosion X HD into the cavities at the bottom of the connector.
4. Keep the connection free from moisture and contamination prior to plugging the boom harness connector into the NCV.

Cleaning Out NCV Connector

Cleaned Connector with Corrosion X HD Applied