



**TECHNICAL
SERVICE BULLETIN**

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|---------------------|---|----------|---------|---------------|--------------------------|----------------|--|--|
| NUMBER | 16TSB-91 | | | TYPE | APPLICATION ALERT | | | |
| ROUTING | INSTALL | X | SERVICE | X | SALES | PURCH | | |
| TITLE | 16071300 HEADLIGHT ADAPTER 2020+ FORD SUPERDUTY LED HEADLIGHTS (PLATINUM) | | | | | | | |
| REV | | | | ISSUED | 11/5/2020 | REVISED | | |
| AFFECTS | ALL 2020+ Ford Superduty w/LED lights (Platinum trim level) | | | | | | | |
| INFORMATION | <p>Adapter 16071020 will NOT work for 2020+ Ford Superduties with LED headlights. Ford has changed the pinout of the headlights. The 16071020 CANNOT be modified to work.</p> | | | | | | | |
| INSTRUCTIONS | <p>Contact SnowDogg Tech Support for the 16071300 headlight adapter. This uses the in-line connector over the passenger side wheel well. At this point, quantities are limited, so only those required for installation will be available.</p> <p>It is possible to convert a 16071200 adapter into a 16071300. Instructions are attached.</p> | | | | | | | |



16TSB-91 ADDENDUM

INSTRUCTIONS

Converting 16071200 (Halogen) into 16071300 (LED)

Ford 2020+ Superduty In-Line Upfitter Connector

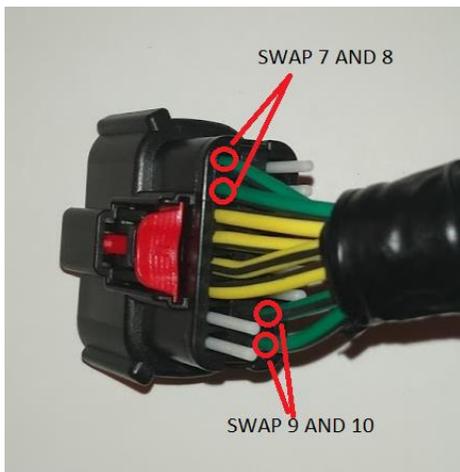
If you are not comfortable removing terminals from a Molex MX150 connector, do not attempt this. It is critical that you keep track of which wires you have moved. Instructions for MX150 terminal removal are available at the end of this document. While there is an extraction tool available, any stiff .060" pin with a sharpened tip can be used (paperclip).

1. Locate the connectors shown on 16071200 – these are what you will be modifying. On both, you will be swapping pins 7+8, and pins 9+10.

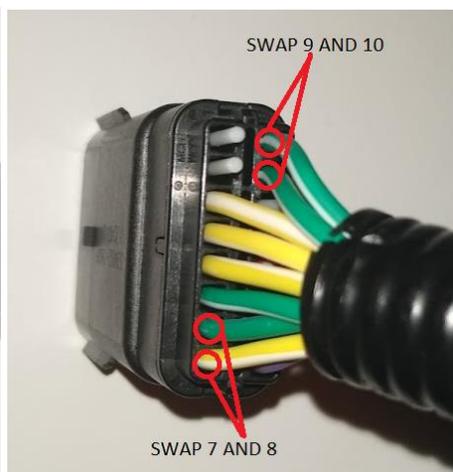


2. Pull back the split conduit and remove the electrical tape – this will make extraction and insertion easier.
3. Label the wires going to position 7 and 9 on both connectors to ensure that you don't lose track mid-process.
4. Swap pin 7 with 8, and 9 with 10 on the shorter connector with sockets. These will all be green with a black tracer (this is why it's best to mark them in advance).
5. Swap pins 7 (yellow) with 8 (green), and 9(green) with 10(green) on the longer connector with pins.

STEP 4



STEP 5





MX150 Terminal removal instructions below

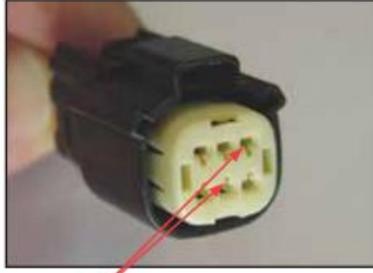
Terminal Removal

■ Once the Lock finger is disengaged, gently pull on the wire to release the terminal. If the terminal resists, the service tool may not be fully engaged. Push the service tool straight into the service opening to ensure that it has fully disengaged the locking finger

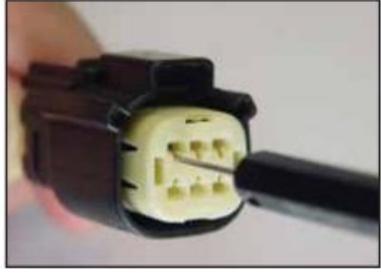
- Do not insert the service tool into the terminal opening
- Do not use excessive force, excessive force can damage the lock finger
- Do not insert the service tool at an angle, this may cause damage to the terminal
- Do not apply any lateral force, this may damage the terminal or lock finger

■ Using the 1.50mm (.059") service tool #63813-1500, insert the tip into the terminal service hole adjacent to the terminal to be serviced. Push straight down gently and apply pressure to release-locking finger. This motion will release the locking finger, "picking" is not required. Cavity plugs are removed in the same manner

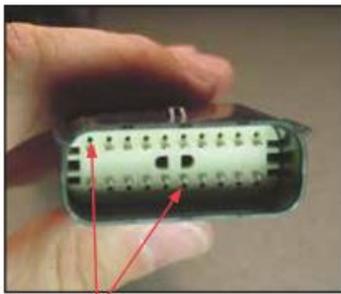
- Do not apply any lateral force, this may damage the tool, or the locking finger
- Do not use excessive force, excessive force can damage the lock finger
- Do not insert the service tool at an angle, this may cause damage to the terminal



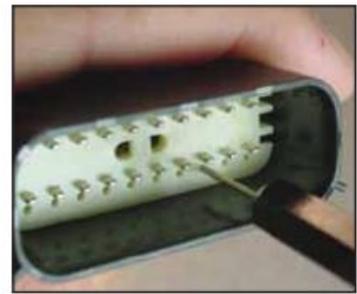
Service Ports



Service Tool must be 90° to the connector face



Service Ports



Service Tool must be 90° to the connector face