



MIDWEST FIRE
Technical Service Bulletin

Group:
Service Campaign

Number:
0002

Date:
June 2017

Model(s):
'14-'17 AP Series

Subject:


ES-Key Node Programming Patch

Description: This bulletin describes the procedure to upload the programming patch into the ES-Key system.

Applicable Vehicles:

Freightliner All-Poly Series Pumper Tankers with Class 1 ES-Key Multiplexing Systems

Parts Required:

Part Name	Part Number	Qty
3' Male to Male USB Connector		1
USB Drive with Programming patch		1

Tools Required:

Part Name	Part Number	Qty
Phillips Screwdriver or Drill		1
Laptop with at least 2 USB drives		1

Before Starting:

Make sure that the vehicle is keyed off and master power is turned on. Do not turn power back off during installation of the programming patch.

Subject: ES-Key Node Programming Patch

Installation Procedure:

1.) Locate the electrical service panel. This is on the curb side (passenger) compartment of the truck, either in the front or rear of the compartment. Remove screws holding panel into place.

Figure 1



2.) Unscrew the cover of the SupernodeII USB Port (Figure 2), and plug in one of the ends of the USB Male to Male Cable. (Figure 3)

Figure 2



Figure 3

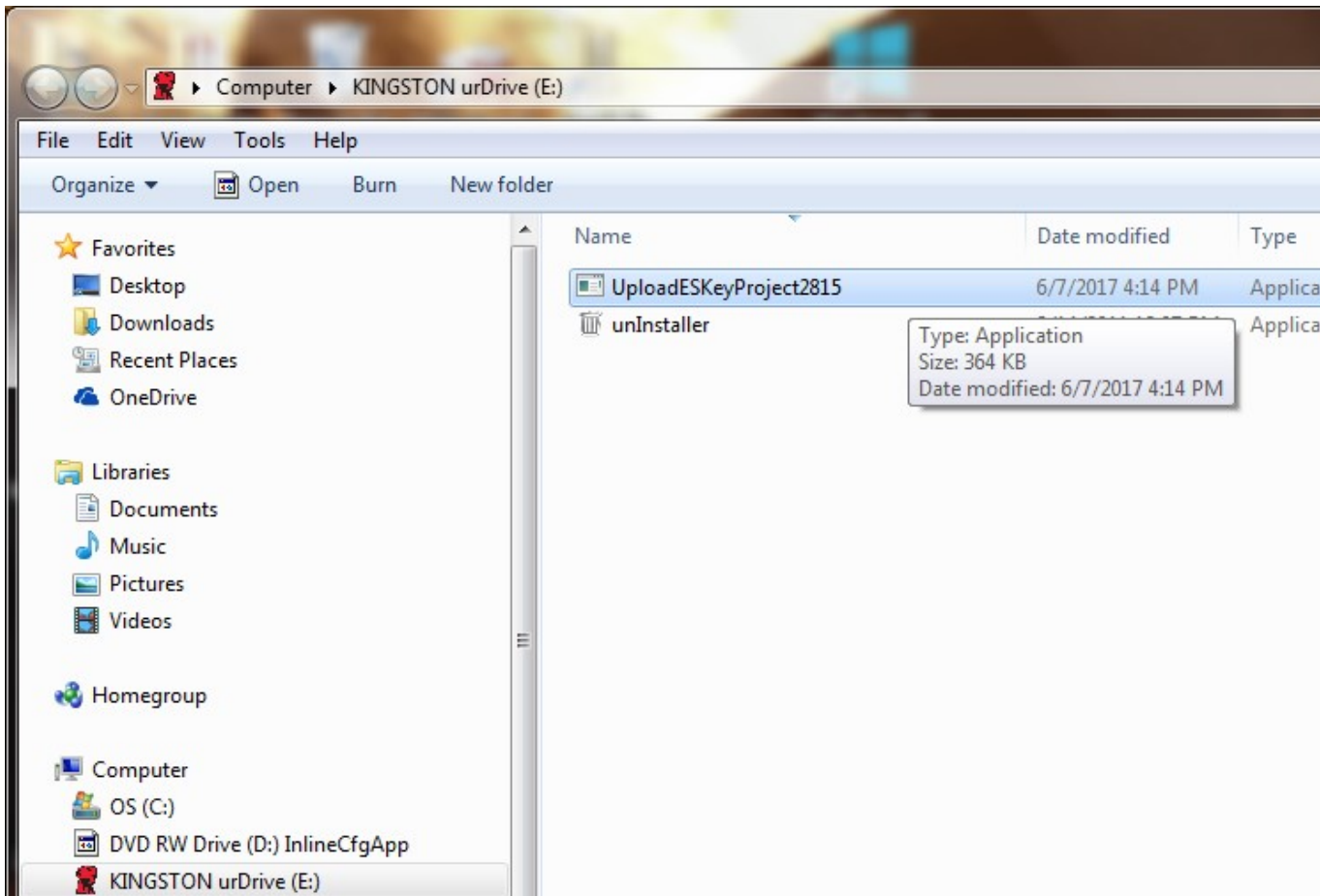


Subject: ES-Key Node Programming Patch

Service Procedure:

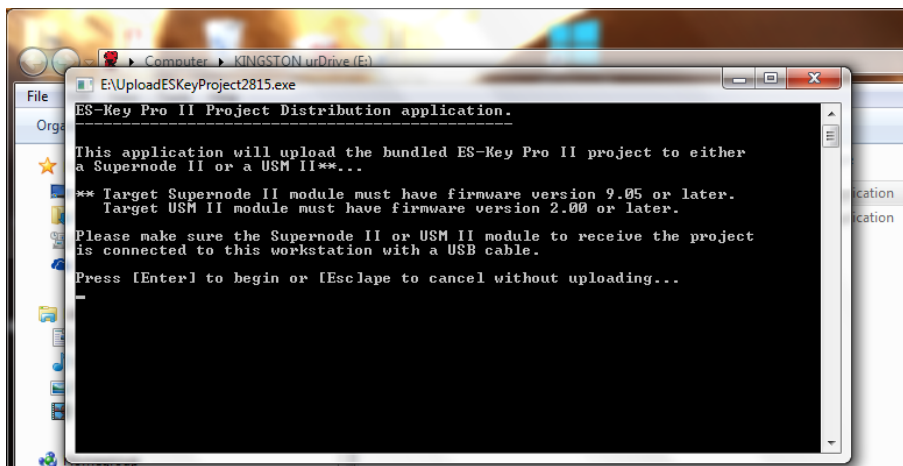
3.) Plug in the other end of the USB Male to Male cable and the USB Drive to the laptop to be used for installing the patch. Navigate to the USB Drive location on the laptop and double click on the file “UploadESKeyProjectXXXX”, XXXX being replaced with the build number of your truck. The truck info screen on the center console or a sticker on the inside of the chassis door will confirm this number. Figure 4

Figure 4



4.) A DOS based install screen will pop up. Press the “enter” button to begin the installation. Figure 5

Figure 5

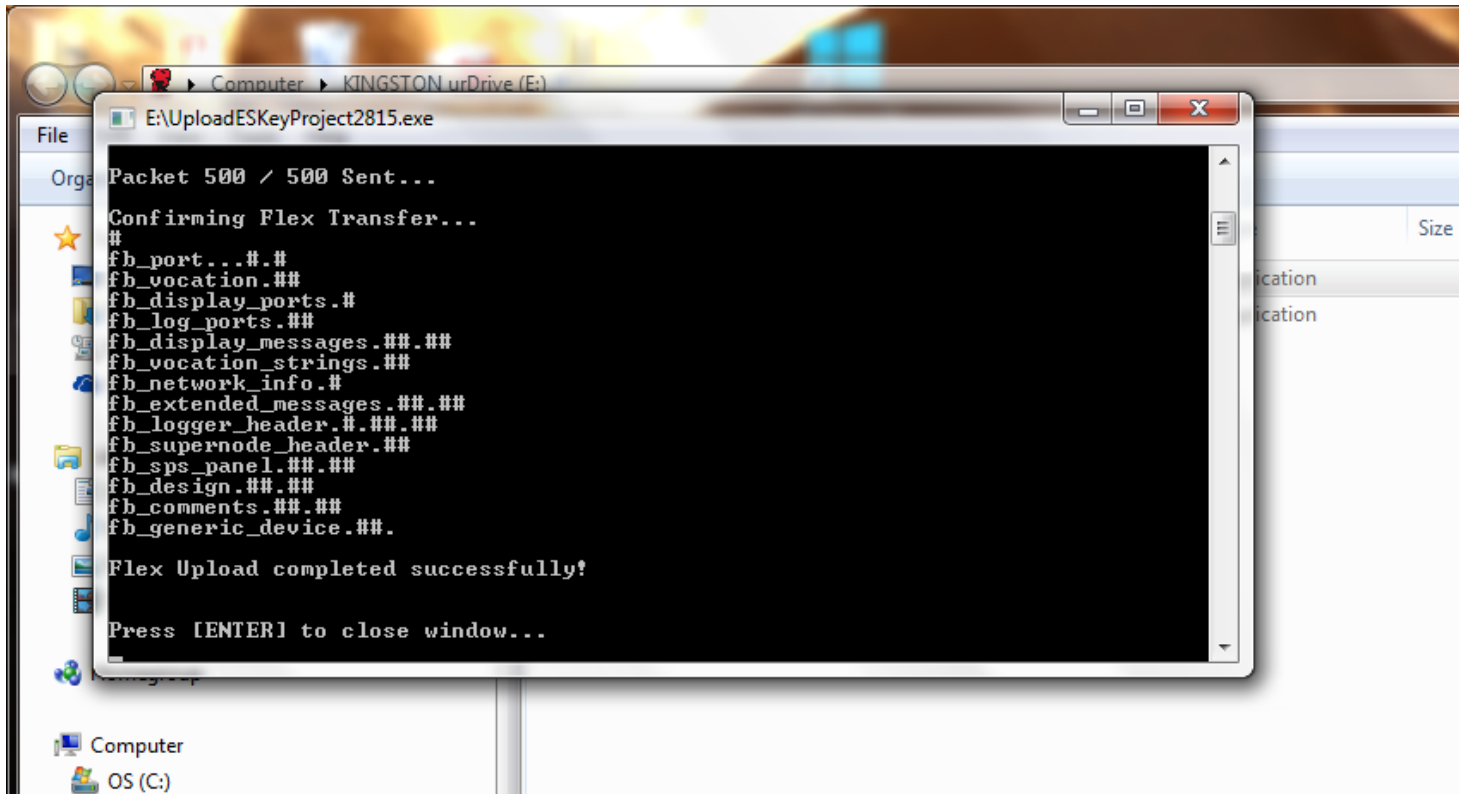


Subject: ES-Key Node Programming Patch

Service Procedure:

5.) The program will run until the patch is installed. Once complete the screen will prompt you to press “enter” again to close out. Figure 6.

Figure 6



6.) Walk around truck and verify all touch panels and functions are working. Unhook cable and close back up the electrical panel cover.