

2010 to 2014 Mustang

Two Methods to use factory backup Camera with Dynavin N7 Head Unit

METHOD 1: Cars without factory NAV

1. Remove the trunk lid inner liner. There are between 8 and 12 plastic pull out pins that hold it in. Once removed you will see the factory backup camera connection.



2. 2011 to 2014 cars without NAV use a display screen built into the factory rear view mirror. In order to connect the factory camera to the N7 unit you will need to run your own shielded RCA cable and a +/- set of 12v power wires.
3. You will also need a factory style connector to use to avoid cutting the backup camera harness. The part is WPT-1130 or WPT-1580 (replacement part #).



4. The pinout on the new connector is...

PIN 1	POWER – 12v +	PIN 5	NOT USED
PIN 2	NOT USED	PIN 6	VIDEO +
PIN 3	POWER – Ground/12v -	PIN 7	VIDEO -
PIN 4	Factory Shield – NOT USED	PIN 8	NOT USED

I recommend purchasing an RCA female to screw terminal adapter for the video connection (available from Amazon).



Disclaimer: Since this guide was created by an awesome customer using parts not sold by us, we are unable to provide install support regarding the integration of the factory camera to the Dynavin.

5. Remove the Camera Harness from the factory connector and plug into the new WPT1130 or WPT1580 connector as pictured below.



6. Run the Shielded RCA and Power cables to the front of the car behind the head unit.
7. Connect the Power leads and RCA cable to the Dynavin provided backup camera harness included with the N7.

METHOD 2: Cars with Factory NAV Screen / Head Unit

1. The factory wiring harness can be used and connected to the N7 unit by making a connection at the harness plug that is removed from the factory NAV screen.

This is the factory 12 pin connector from behind the NAV Screen



2. The two pins that feed the factory backup camera video are...
 - a. PIN 3 (White/Green wire) = VIDEO +
 - b. PIN 9 (Brown/Purple wire) = VIDEO -
3. You can tap the wires or come up with individual pins to push into the factory 12 pin connector. I recommend purchasing an RCA Male to screw terminal adapter for the video connection (available from Amazon).



OR



4. Once you have the RCA connection on the factory wiring harness you can plug it into the backup camera harness provided with the N7 unit. You only need to connect the RCA/Video connection. The factory camera will continue to get it's 12v power from the factory wiring harness.