

# Knowing which system comes with your vehicle:



SYNC Ver. 1 | With Manual Climate Control



SYNC Ver. 2 | Auto Climate Control



SYNC Ver. 3 | Auto Climate Control

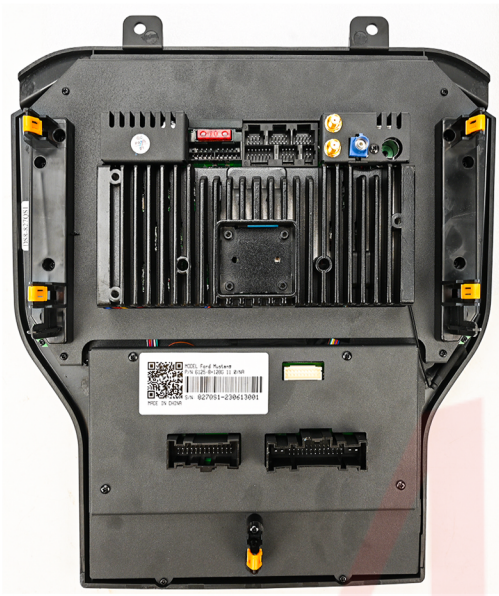
## How to distinguish between SYNC 2 and SYNC 3

### SYNC 3



### SYNC 2





**SYNC 1 UNIT**



**SYNC 2 UNIT**



**SYNC 3 UNIT**



**SYNC 1 Harness**



**SYNC 2 Harness**



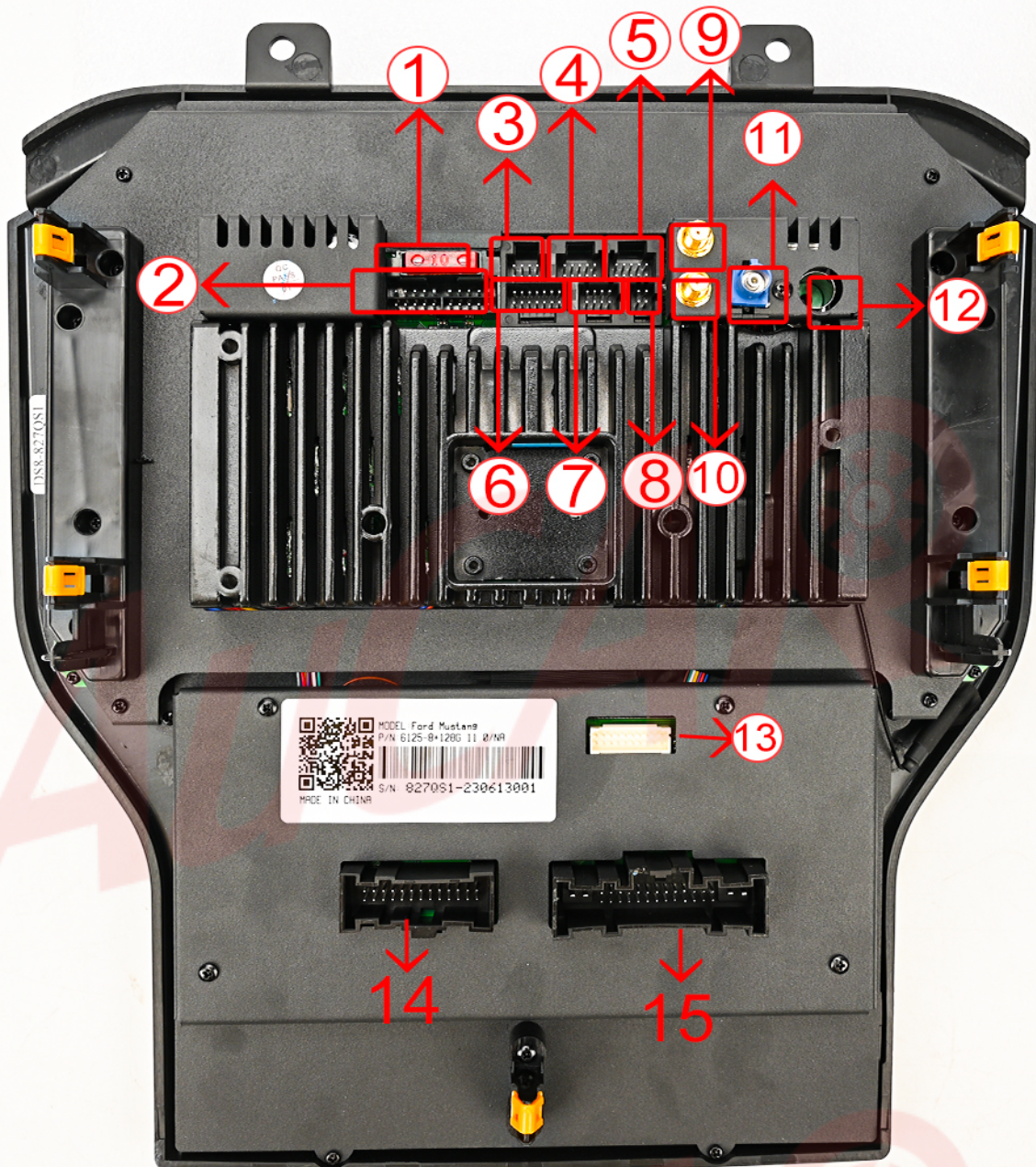
**SYNC 3 Harness**

sync 1 unit does not retain the original car OEM SYNC system. You need to remove the original car CD player during installation.

The sync 2/3 unit retains the original car OEM SYNC system. There is no need to remove the original car CD player during installation. And the OEM sync module needs to be installed on the unit.

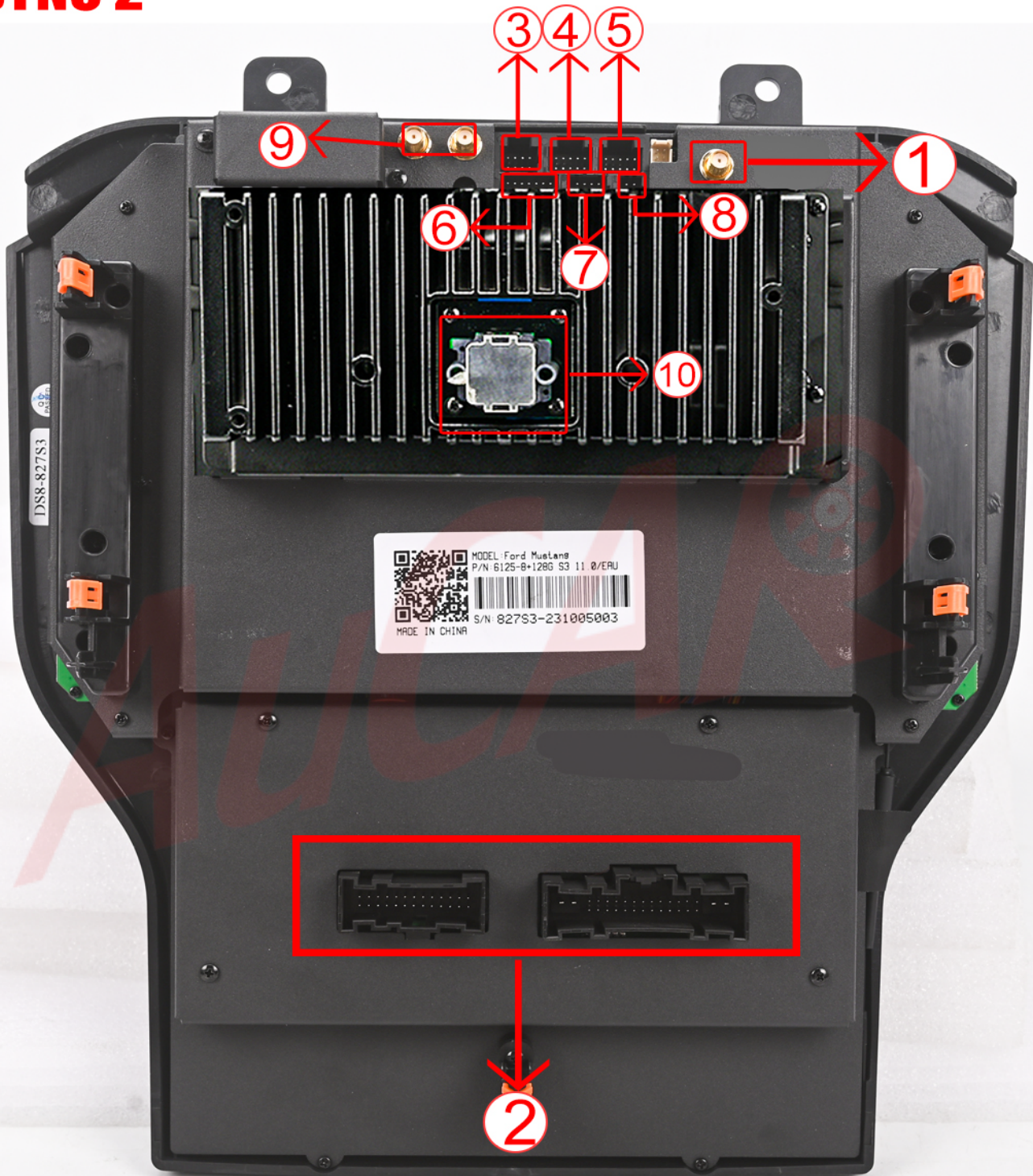
**Note: The installation method of sync 1 unit is completely different from sync 2 sync 3. The installation methods for sync 2 and sync 3 are the same.**

# SYNC 1 UNIT



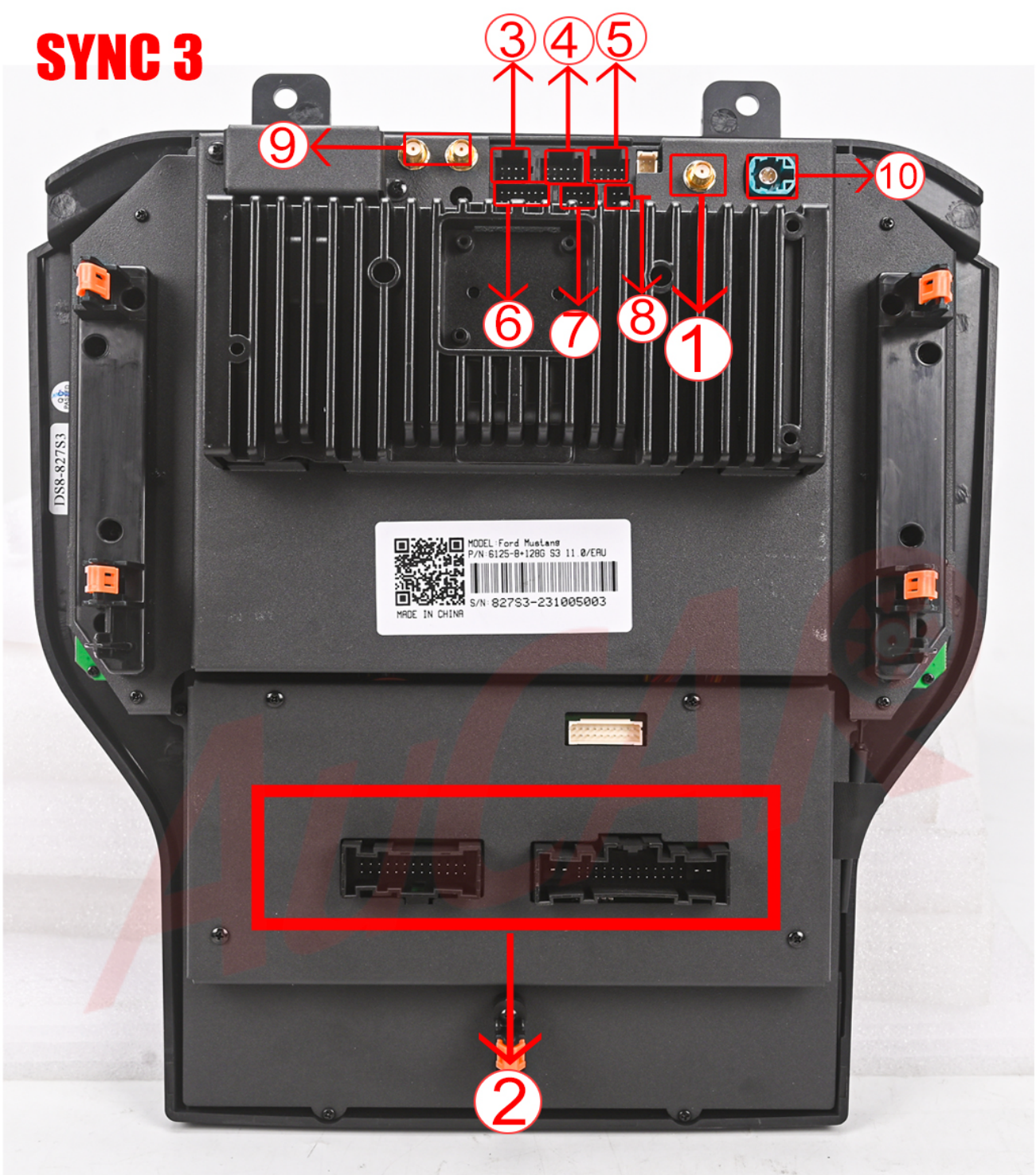
1. Fuse
2. Head unit power socket
3. 4G sim card cable socket
4. AUX-CAMERA Harness socket
6. 54 pin factory camera adapter power socket
5. RCA harness socket
7. USB Plug socket
8. External MIC socket
- 9, 10. 4G ANT SOCKET
11. GPS ANT socket
12. Radio ANT socket
13. 20 pin CANBUS socket
- 14.15. OEM AC socket

# SYNC 2



- 1. GPS ANT**
- 2. OEM AC plug socket**
- 3. 4G soft card socket**
- 4. AUX-CAMERA harness socket**
- 5. AUDIO plug to head unit socket.**
- 6. Power cable socket**
- 7. USB cable socket**
- 8. Speaker cable socket**
- 9. 4G ANT SOCKET**
- 10. OEM SYNC 2 module Mounting Receptacle**

# SYNC 3



- 1. GPS ANT**
- 2. OEM AC plug socket**
- 3. 4G soft card socket**
- 4. AUX-CAMERA harness socket**
- 5. AUDIO plug to head unit socket.**
- 6. Power cable socket**
- 7. USB cable socket**
- 8. Speaker cable socket**
- 9. 4g signal ANT**
- 10. SYNC 3 module LVDS socket**

# SYNC 1 Harness



**1. 12 pin factory reverse camera adapter**

**2. FM/AM Radio ANT adapter**

**3. Factory USB adapter**

**4. fixed bracket**

**5. SIM CARD cable**

**6. GPS ANT 7. screws 8. 54 pin factory reverse camera adapter**

**9. AUX-CAMERA cable 10. RCA harness 11. 4G signal ANT 2X**

**12. USB port 2X cable**

**13. External mic**

**14. Main harness for unit and power**

Note: The SYNC 1 unit is compatible with SYNC 2 and SYNC 3 models, but it cannot support vehicles with B&O amplifiers. The biggest difference between SYNC 1 unit and SYNC 2/3 vehicles is that the original vehicle SYNC system is not retained and retained.

# SYNC 2 harness



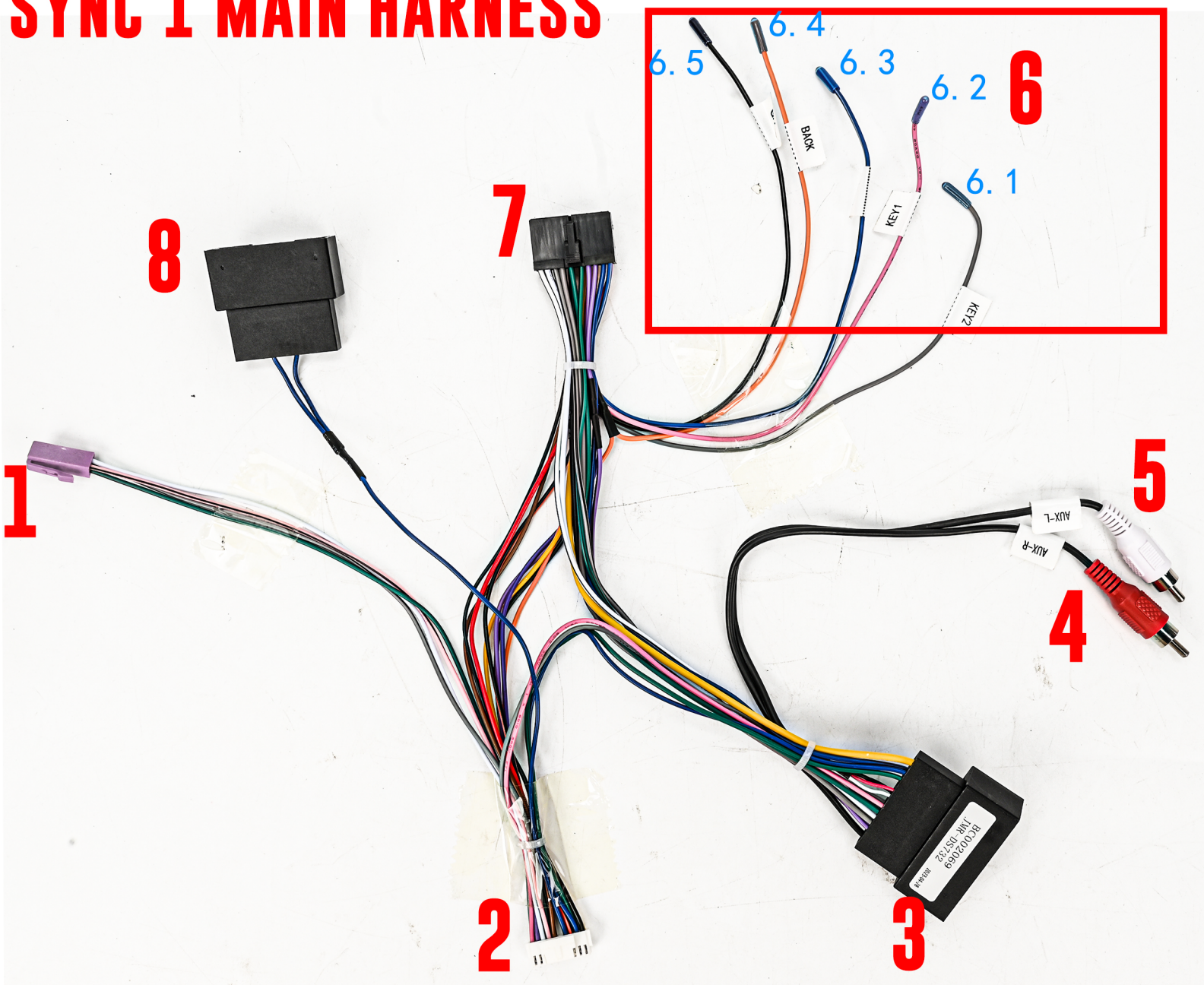
- 1. AUX-CAMERA cable**
- 2. Main harness for unit and power**
- 3. USB port 2X cable**
- 4. 4G SIM card cable**
- 5. Speaker Cable**
- 6. Speaker**
- 7. External mic**
- 8. CANBUS BOX for the audio**
- 9. fixed bracket**
- 10. GPS ANT**
- 11. 4G signal ANT 2X**

# SYNC 3 harness



- 1. Main harness for unit and power**
- 2. AUX-CAMERA cable**
- 3. Speaker Cable**
- 4. USB port 2X cable**
- 5. 4G SIM card cable**
- 6. CANBUS BOX for the audio**
- 7. LVDS adapter**
- 8. 4G signal ANT 2X**
- 9. GPS ANT**
- 10. External mic**
- 11. Speaker**
- 12. fixed bracket**

# SYNC 1 MAIN HARNESS



**1. airbag light plug connected to head unit (14.5 inch unit F150 only)**

**2. CANBUS plug connected to 20 pin CANBUS socket**

**3. Main plug connected to OEM CD player plug**

**4. 5.AUX-R AUX-L connect AUX-CAMERA harness(this is for oem AUX functions)**

**6.1 6.2 KEY 1 KEY 2( this is for aftermarket steering wheel control**

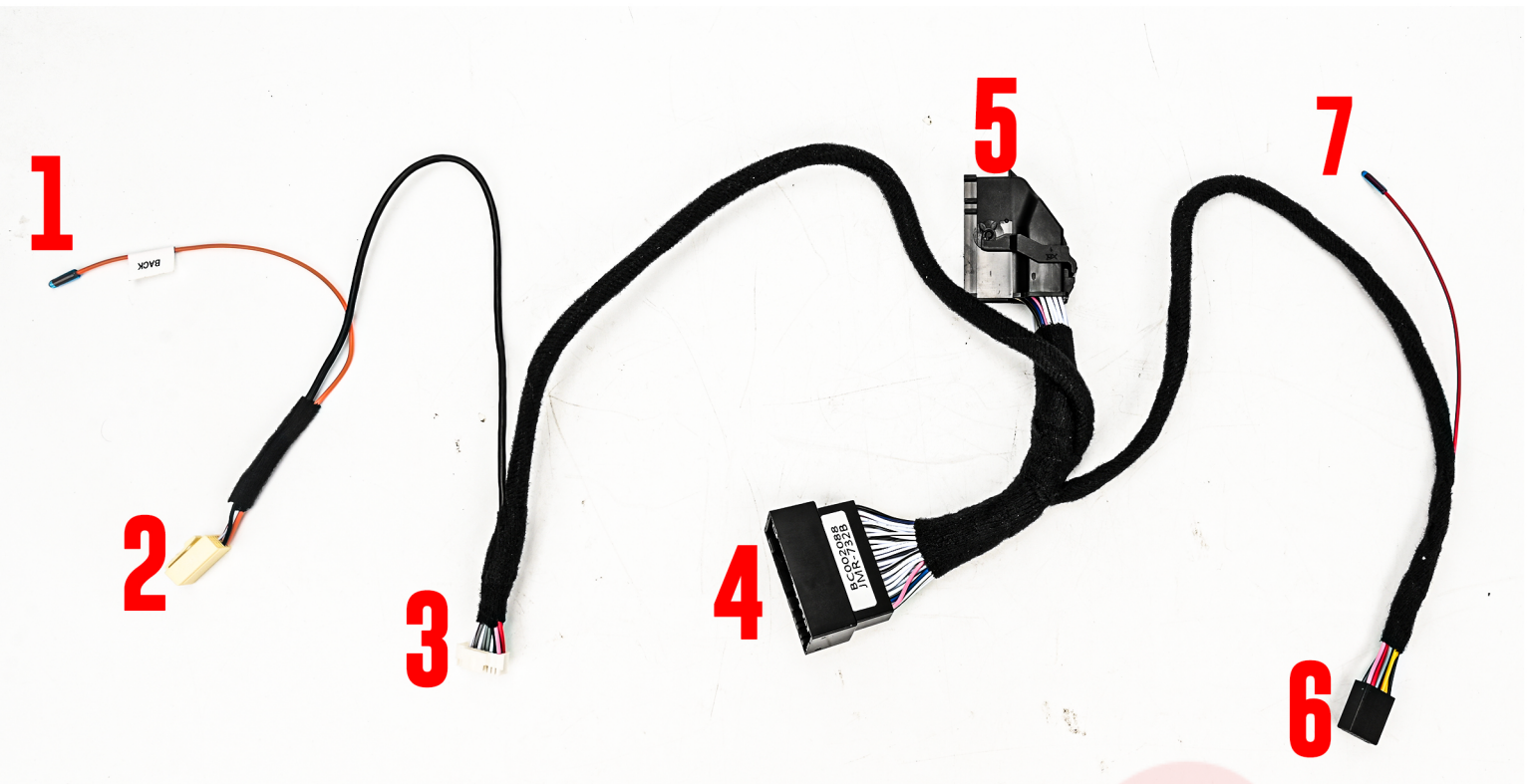
**6.3 AMP cable (This is for aftermarket AMP Provide 12V power)**

**6.4 BACK cable (this is for aftermarket reverse camera) 6.5 GND**

**7. POWER plug connected to head unit**

**8.OEM AMP power supply**

# SYNC 2/SYNC 3 MAIN HARNESS



**1. Back cable for aftermarket reverse camera**

**2. Audio plug connection headunit**

**3. CANBUS plug connection CANBUS BOX**

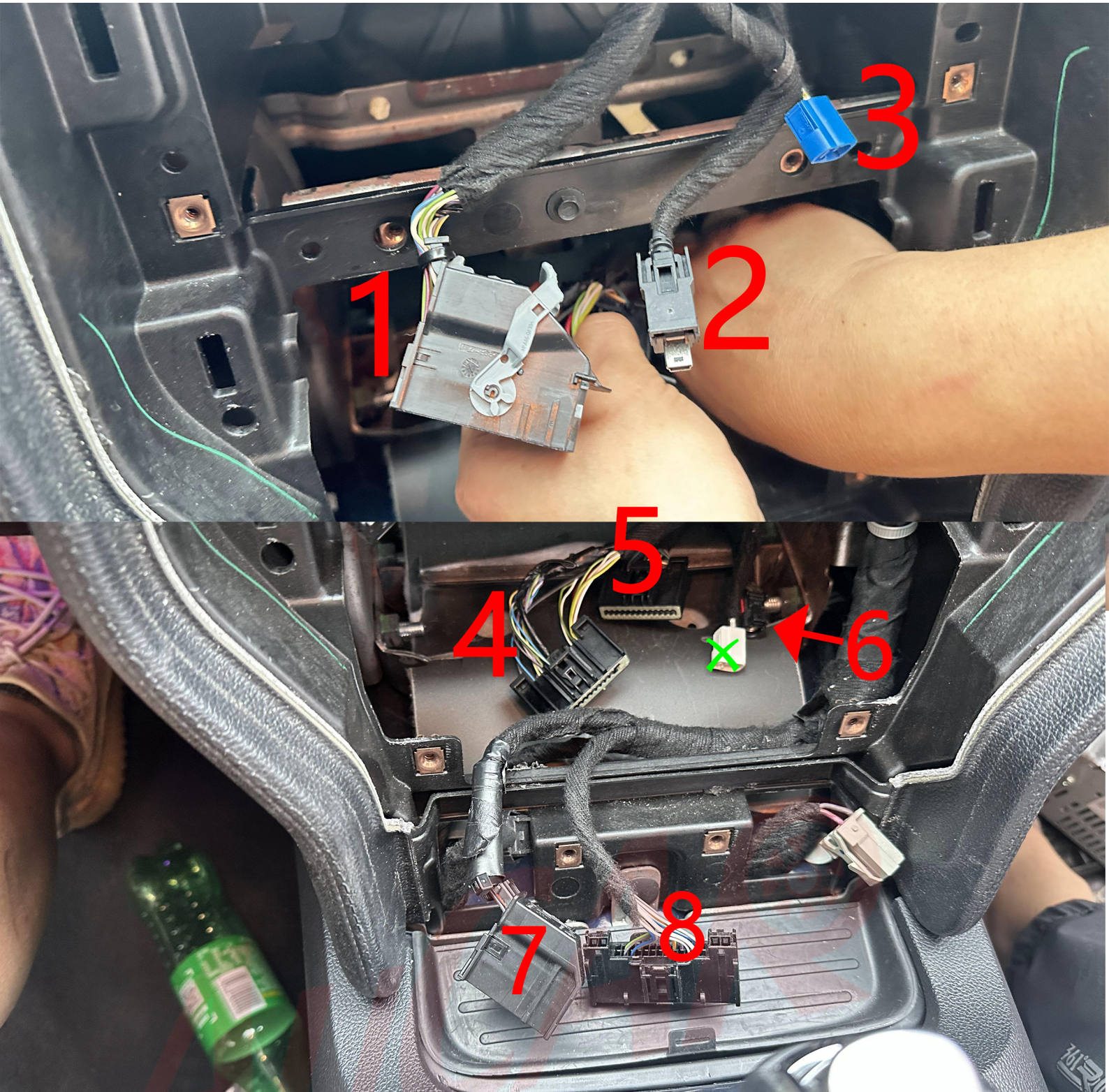
**4. Female plug connected to OEM sync module male plug**

**5. Male plug connected to sync module female plug**

**6. Power plug connected to head unit**

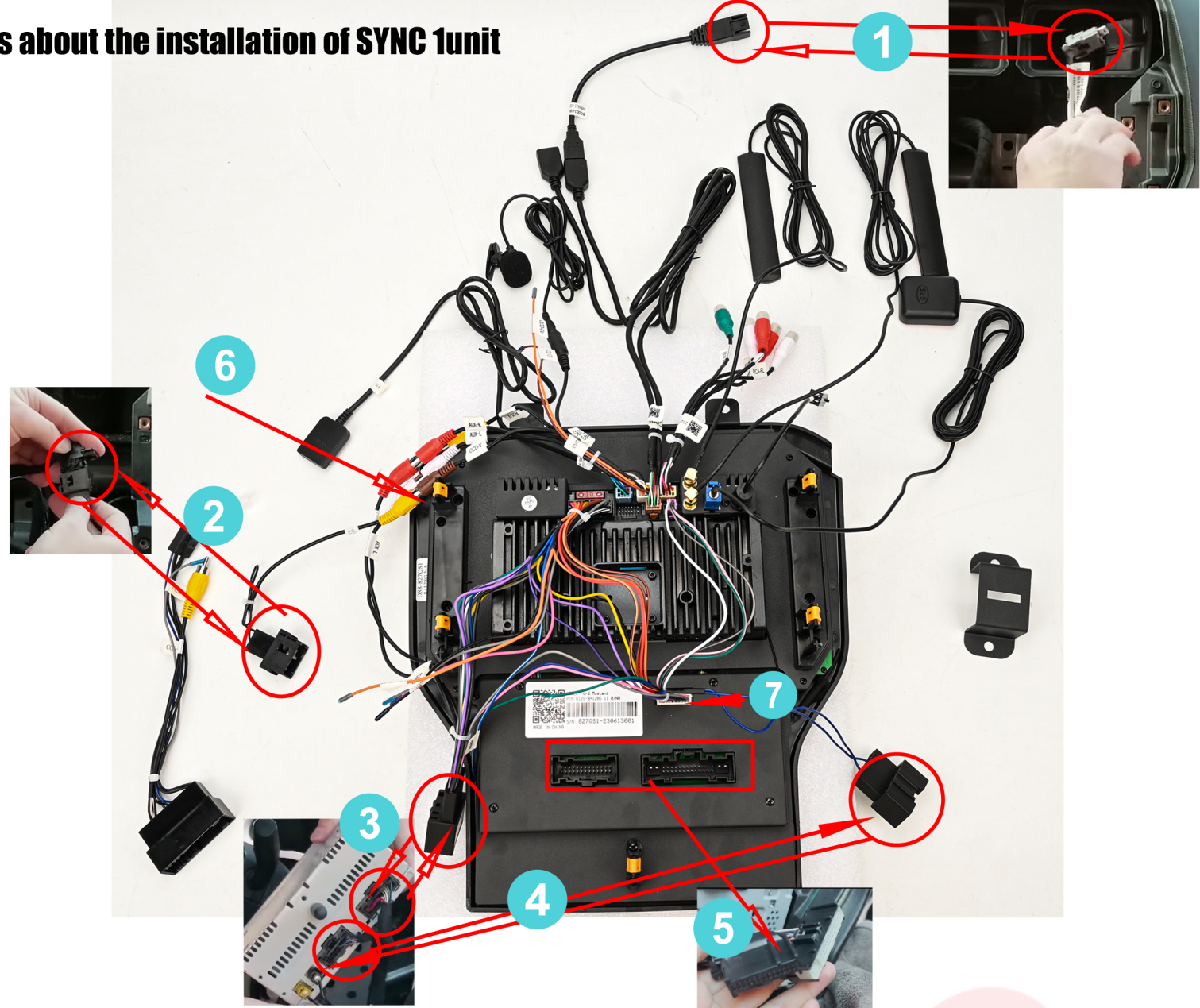
**7. Spare ACC cable please ignore**

# Ford mustang OEM plug introduction



1. OEM 54 pin reverse camera plug
2. OEM USB port plug
3. OEM GPS ANT
4. OEM power cabler plug
5. OEM audio plug
6. FM/AM ANT
- 7.8. OEM AC PLUG

# it's about the installation of SYNC 1unit



- 1 . Connect Factory USB plug**
- 2 . Connect factory 12 PIN reverse camera**
- 3 . Connect to power plug**
- 4 . Connect audio plug**
- 5 .Connect to factory AC plug**
- 6 . Factory CAM connect to CCD-V**
- 7 . Connect 20PIN CANBUS plug**

**Scan this QR code to get detailed installation video**



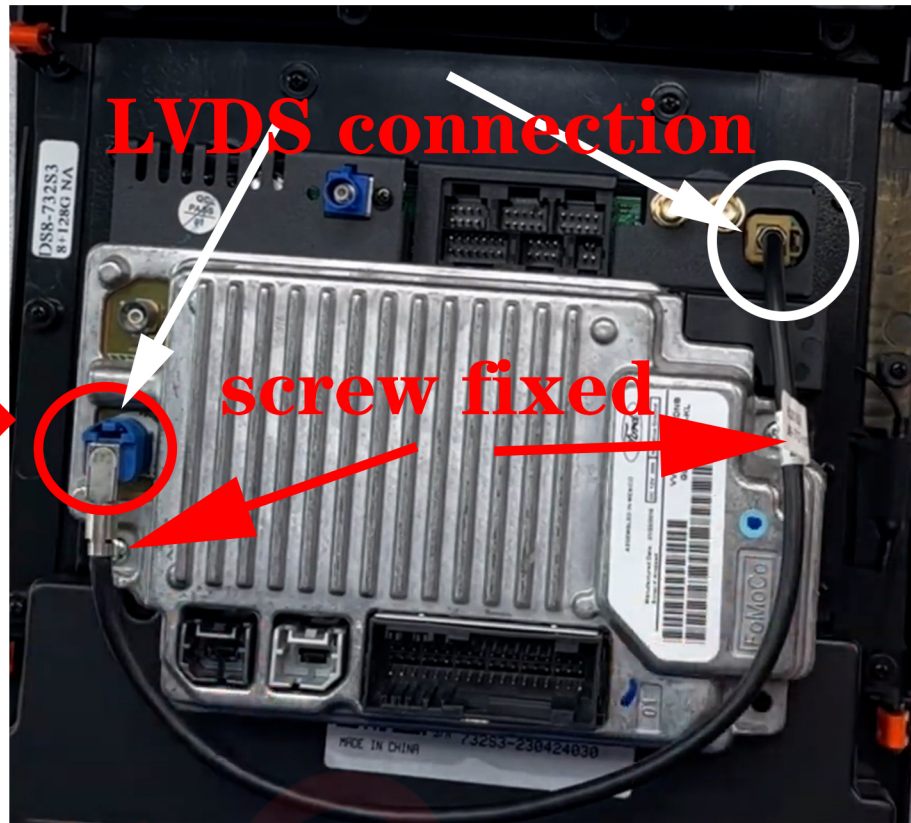
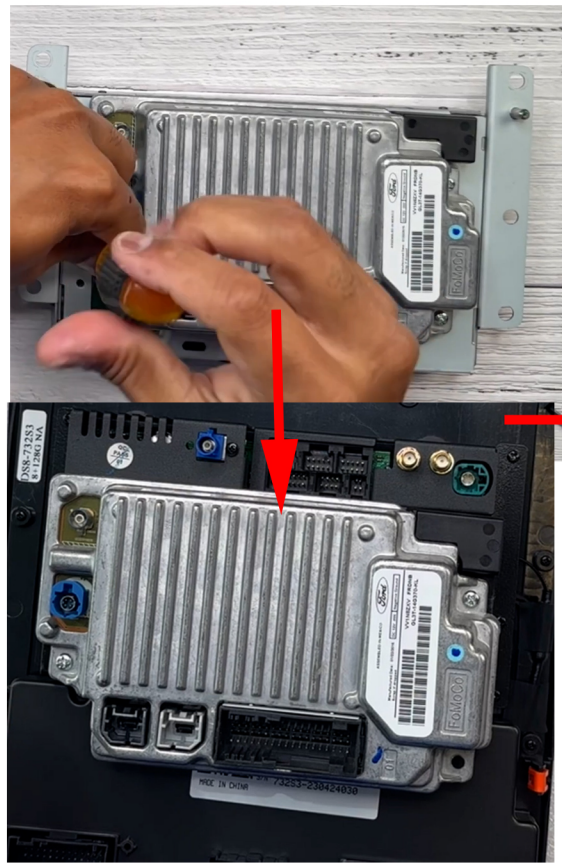
## NOTE:

If your car has a sync 2 or sync 3 system, you purchased a sync 1 unit. The only difference in the installation method from the sync 1 unit is the factory camera plug. You need to use the 54PIN plug.

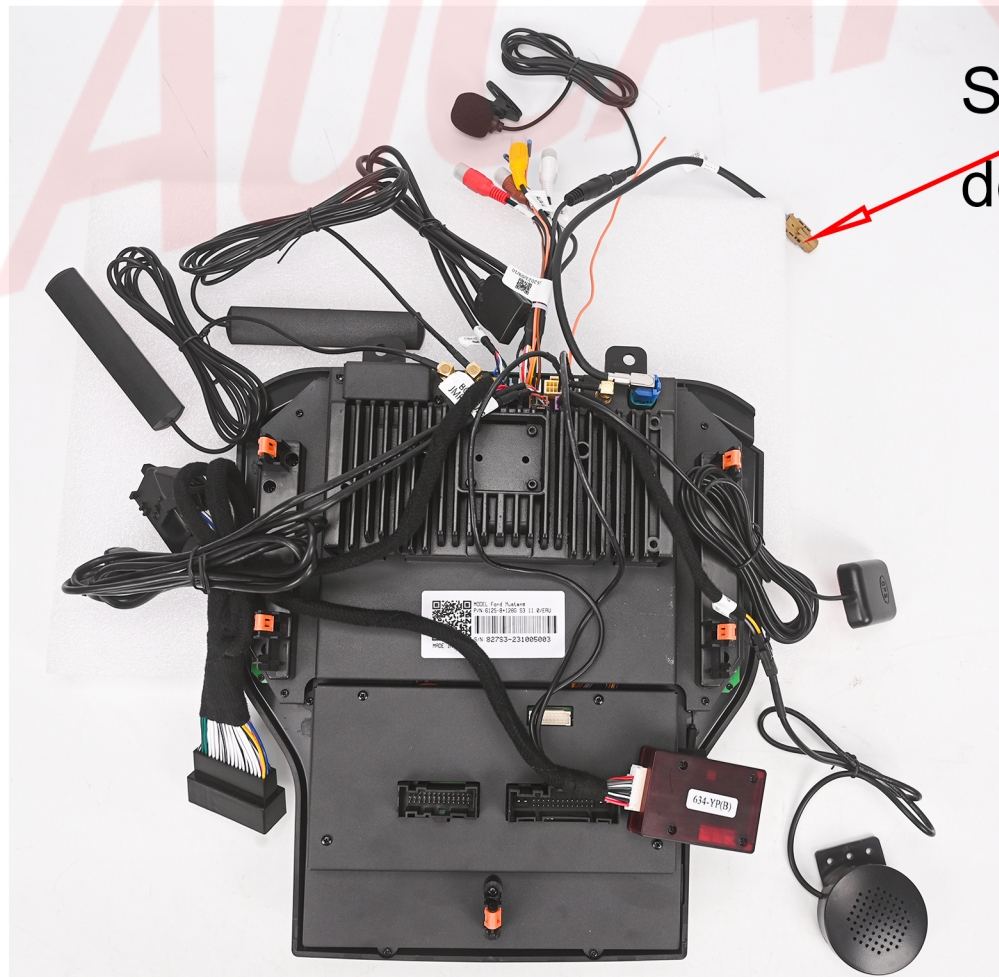


**54 PIN Factory reverse camera adapter**

# OEM SYNC 3 module install



The only difference between **OEM SYNC 2** and sync 3 is that there is no LVDS cable



SYNC 2 model  
dont have LVDS cable

Scan this QR code to  
detailed installation video





# 10.5 inch mustang

