



Ford Sync 3 Camera Integration Installation and User Manual

Thank you for purchasing the Ford Camera Integration Module.

Before installing be sure to read these instructions.

Warranty for this product is 2 years from date of purchase, however warranty is void if:

- Unit is tampered with, damaged or modified
- Any cables in the kit are cut or modified
- Reverse Camera is subjected to overvoltage

Warranty Terms

The Ford Integration module is covered by warranty for 2 years and includes:

- | | |
|-----------------------|--------------------|
| • Defective Equipment | • Defective cables |
|-----------------------|--------------------|

Not covered under warranty:

- | | |
|-------------------------|-----------------|
| • Abuse | • Water damage |
| • Improper installation | • Improper use |
| • Alterations to cables | • Labour |
| • Accidents | • Postage costs |

Installation Notes

- ◆ This module is to suit the Sync 3 Ford screens.
 - ◆ The wiring and installation of this unit requires special technical skill and experience. If you do not feel confident installing this product or do not have the level of skill necessary, please contact Polaris on 1300 555 514 so we can refer to a recommended installer.
 - ◆ To avoid short circuit in the electrical system, ensure that the negative battery cable is disconnected before installation.
 - ◆ To avoid possibility of shorting out the electrical circuit in the unit, never connect the battery wire directly to the vehicle battery.
 - ◆ Always secure all wirings with cable clamps or adhesive tape to prevent short circuit.
 - ◆ Please make sure all wiring connections are well insulated.
 - ◆ When pulling the dash apart, please use quality trim tools to avoid damaging your dash.
 - ◆ Please do NOT cut any plugs off of any Polaris cables. Doing so will void your warranty! If you need to blend other brand cameras into our system, please call Polaris on 1300 555 514 so we can refer you to a recommended dealer who has the skill and experience in performing this type of work.
 - ◆ Please do NOT cut any plugs off of any of your OEM Ford Cables as you will void your warranty with Ford.
 - ◆ If there is something you are not 100% sure about when installing this unit, please give our experienced technicians a call on 1300 555 514.
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Videos

How to pull the Ranger / Everest dash apart and install the module:

<http://y2u.be/l4dGAYTMh6A>

Camera Activation for Ford Ranger 2016—2021

<http://y2u.be/EJgQS027tq0>

Camera Activation for Ford Everest 2016—2021

http://y2u.be/lgRAkEB_yZE

How to pull the dash apart to access OEM Head Unit & Screen— Ford Ranger / Everest

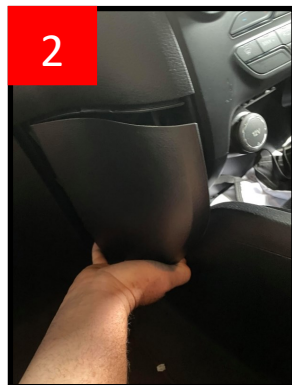
This is the recommended order to pull the dash apart:



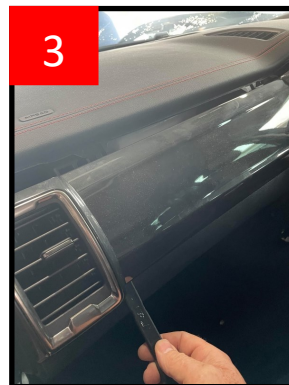
Please see individual photos below corresponding with their number above:



1. Pull out right hand side small panel



2. Pull out left hand side small panel



3. Put trim tool underneath the long panel attached to left of OEM screen air vent and pop out



3. Put trim tool under left of OEM screen air vent and pop out



3. Remove entire panel



4. Remove right of OEM screen air vent





5. Place your hand on left side of the long trim and loosen by popping out carefully



5. Place your hand on the long trim directly underneath the monitor and loosen by popping out carefully



5. You should now be able to remove the entire panel with ease

This is the recommended order to pull the final trim off:



Please see individual photos below corresponding with their number above:



1. Unscrew the top 2 screws



2. Unscrew the 2 middle screws



3. Unscrew the 2 bottom screws



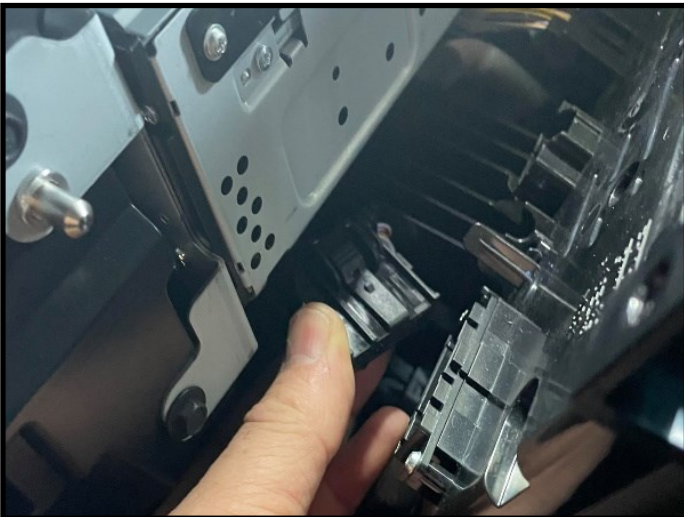
4. Pull the 12 volt socket panel out



1. Remove the 2 screws underneath the air conditioning panel



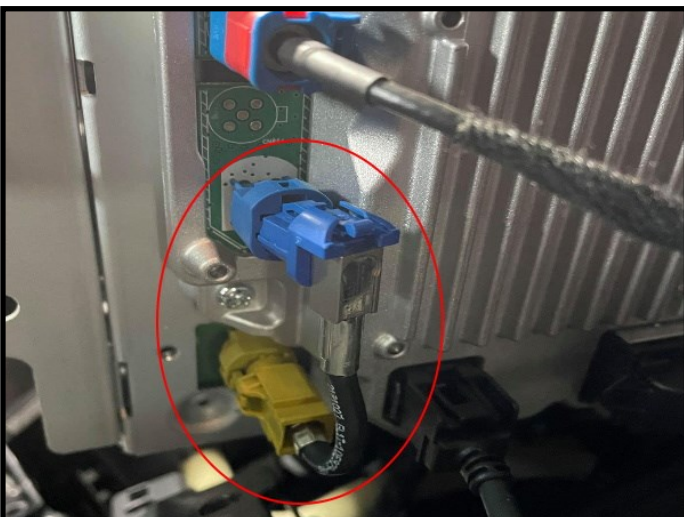
2. Pull the trim off starting at the **BOTTOM**. Pull gently as you will need to disconnect the plugs from the back of the air conditioning panel



3. Remove all plugs from the back of the air conditioning control panel, remove trim and set aside



4. Remove 8 screws to access the back of the monitor and head unit

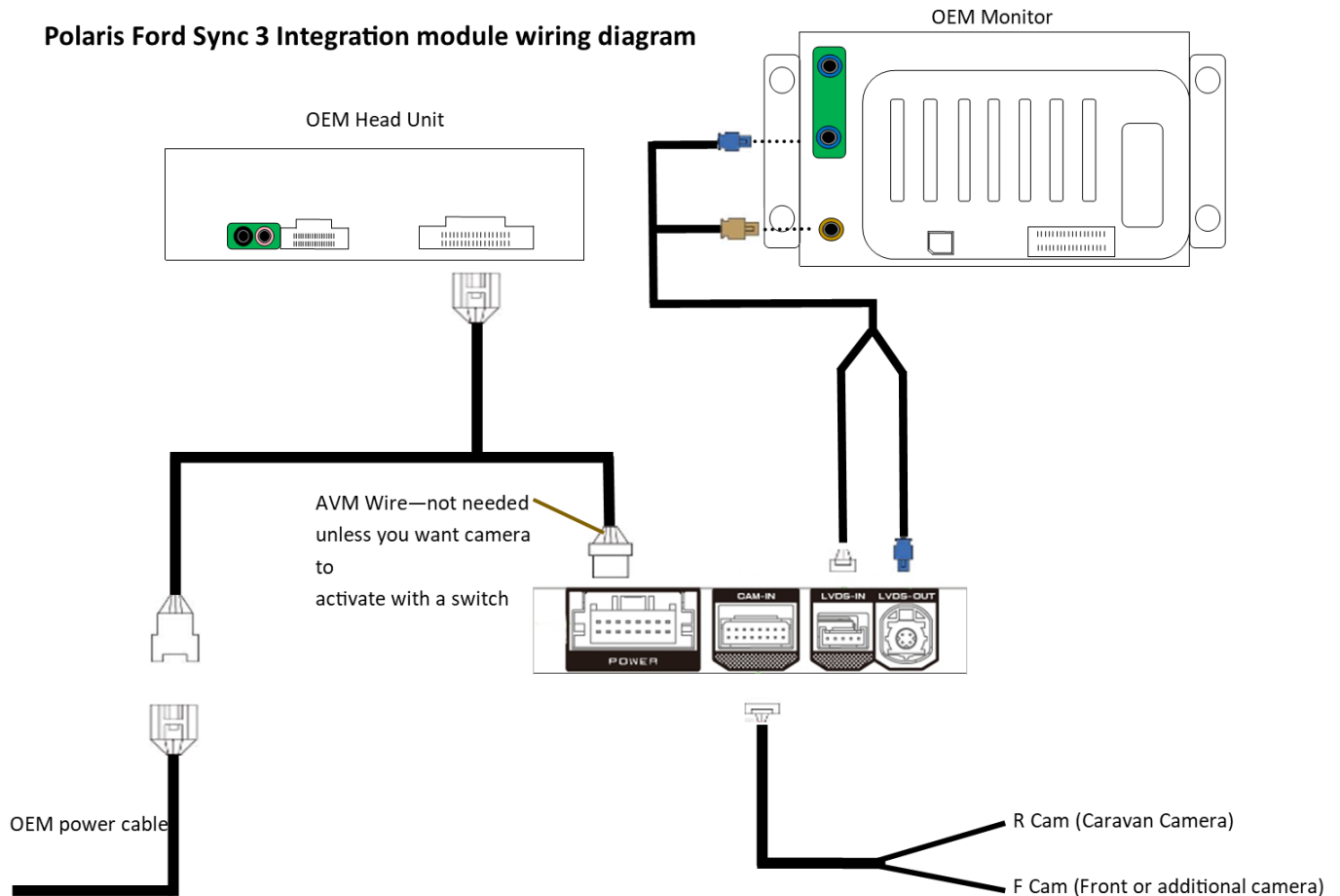


5. On the back of the OEM monitor, remove linking cable.



6. Keep this cable in case you ever want to revert back to factory standard.

Polaris Ford Sync 3 Integration module wiring diagram



DipSw Settings

The DipSw settings are already pre-set for a Ford Ranger.

If you are fitting into a another Ford vehicle, please make sure you refer to the DipSw settings and change accordingly



DipSw Settings (Continued)

Dip SW	1	2	3	4	5	6	7	8
Up					See Below			
Down	X	X	X	X				

Ford Ranger with Sync 3: September 2016 – 2021

Dip SW	5	6	7	8
Up				X
Down	X	X	X	

Ford Ranger with musical note on steering wheel control (See figure 1).

Dip SW	5	6	7	8
Up	X	X	X	X
Down				

Ford Everest: September 2016 – 2021

Dip SW	5	6	7	8
Up		X	X	X
Down	X			

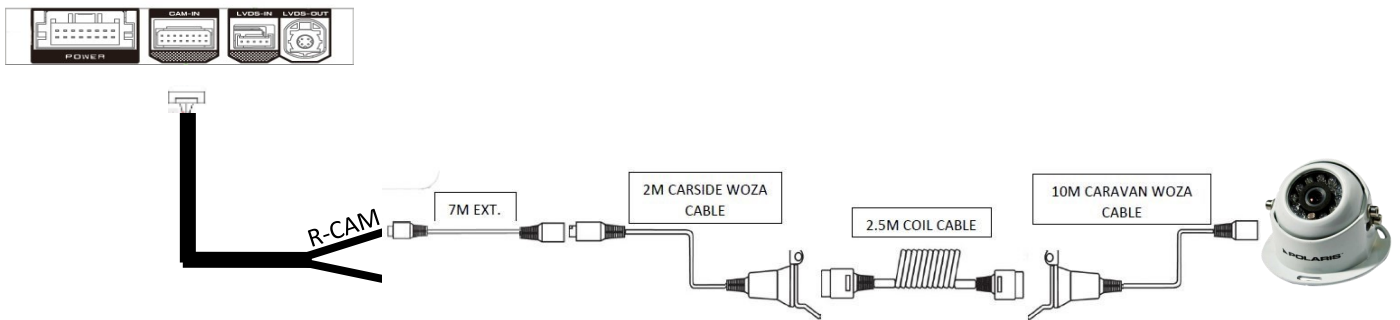
For other Ford Vehicles please see Dip SW settings on page 6 or on the module itself.



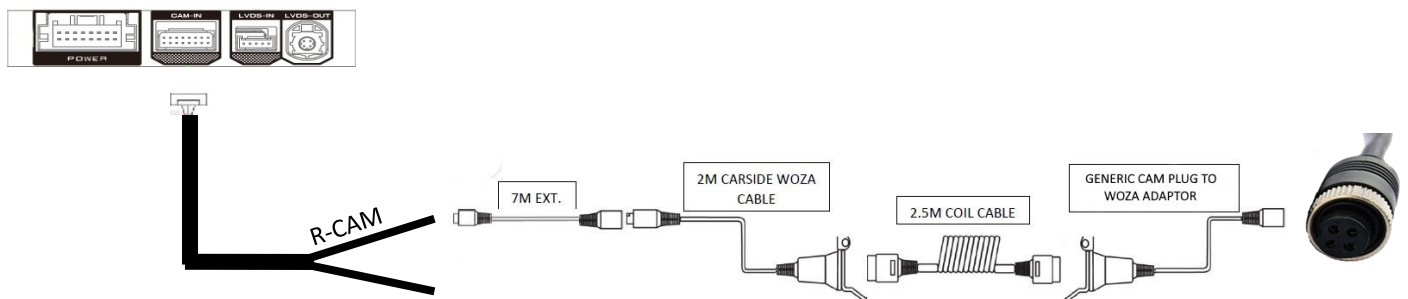
Figure 1. If your Ford Ranger has a musical note on the left hand side of your steering wheel, please make sure 5,6,7 & 8 dip SW settings are set to **ON**. See page 11 for which steering wheel control activates the camera).

Camera Wiring

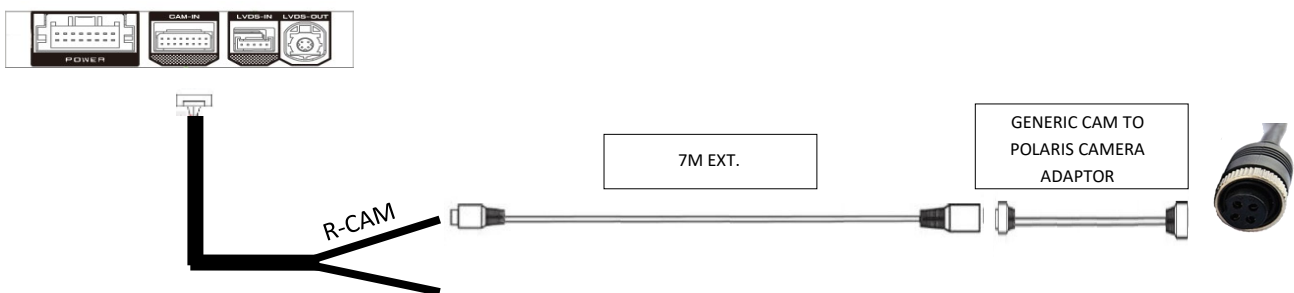
Polaris Caravan Camera Kit—All Polaris parts



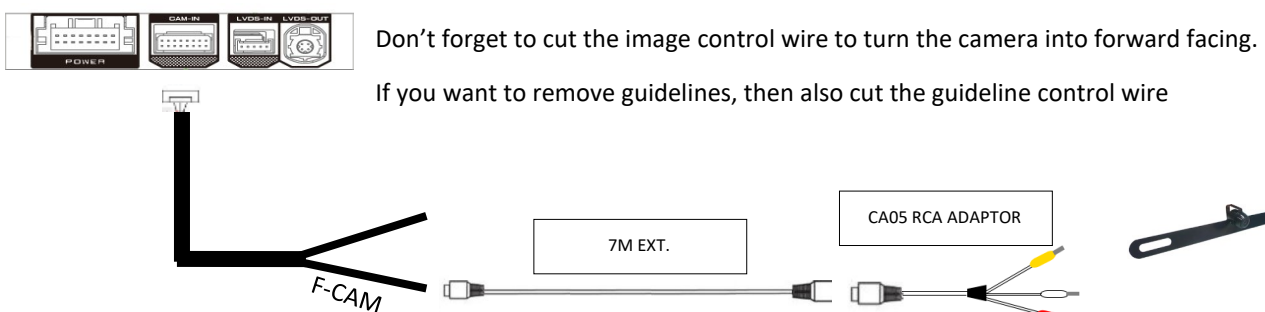
Caravan Camera Kit—Converting A frame generic style plug to Polaris WOZA socket



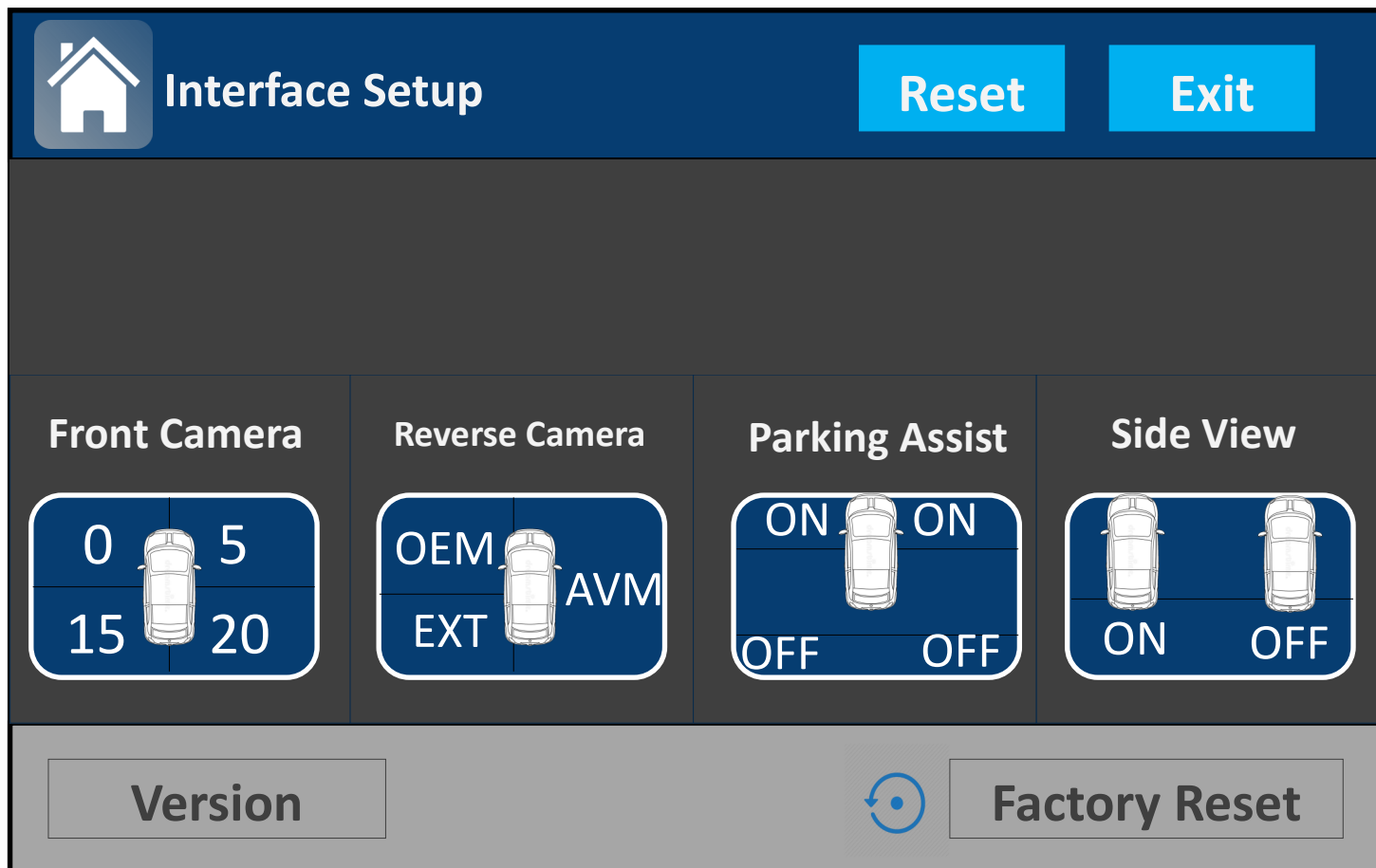
Caravan Camera Kit—Using an adaptor to plug into A frame generic style plug (NO WOZA setup)



Front Camera Setup—All Polaris parts



Programming



Front Camera: Select **5** and select **EXIT** to save

Caravan Camera: Select **EXT** and select **EXIT** to save

Default settings out of box: Front Camera 0 / Reverse Camera EXT

Camera Activation—Ford Ranger 2016-2021

(Other vehicles may differ—See page 11)



Caravan Camera or Front Camera (one camera)

Hold in ◀ button for 3 seconds



Interface Setup

Hold in ◀ button for 10 seconds

(you will activate the caravan camera, keep holding the button in)



Back to your main head unit




















Short press ◀ button



Caravan Camera & Front Camera (2 cameras)

Hold in ◀ button for 3 seconds: Front Camera will appear first.
 Hold in ◀ button for another 3 seconds and caravan camera will appear.

Reverse Gear Combinations

				
Factory Screen	Select reverse	Factory camera will appear	Hold ◀ button for 3 seconds	Van camera will appear
				
Factory Screen	Hold ◀ button for 3 seconds	Van camera will appear	Select Reverse	Van camera will stay on screen
				
Front Camera	Select Reverse	Factory camera will appear	Select drive	Front Camera will come back on
	or			
Front Camera		Van Camera	Short press ◀ button	Back to factory screen

Camera Activation

Ford Ranger Sept 2016—2021



Ford Everest Sept 2016—2021



Ford Ranger with musical note on steering wheel control

