




Audi 3G-Cam

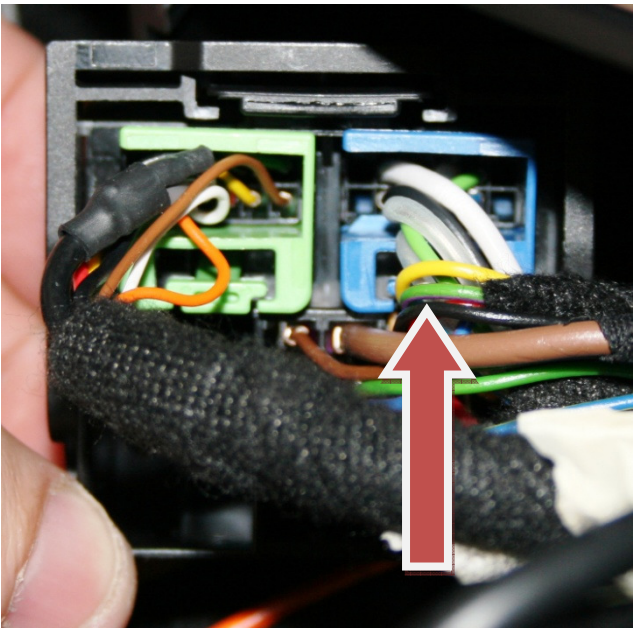
Backup camera input module for Audi 3G Multi Media Interface system


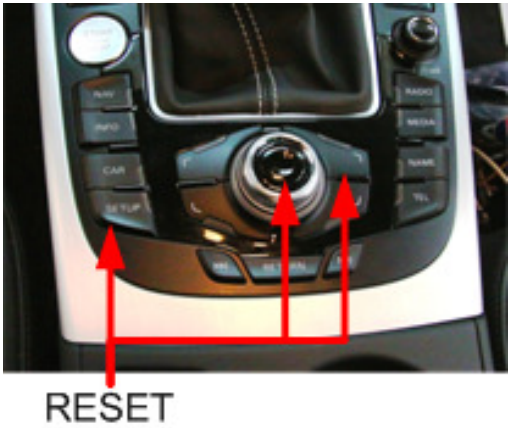
Overview:


Allows the addition of a backup camera to a vehicle equipped with the 3G MMI.

Product:	
<ul style="list-style-type: none"> • Backup camera module • Fiber optic cable • Power harness • RCA with pins 	

Radio Qualification:	
<p>Front:</p> <ul style="list-style-type: none"> • 2-SD slots • Plays DVDs <p>Rear:</p> <ul style="list-style-type: none"> • Green FAKRA • Blue FAKRA • Yellow Digital connection • Grey Digital connection • 40-way Euro connector • Fiber-Optic connection 	 

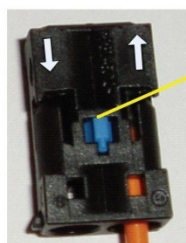
Installation:	
<ol style="list-style-type: none">1. Locate a fiber optic connection somewhere in the vehicle. Recommended location would be in the back of the vehicle where the multimedia equipment is located. Usually located on either side of the rear of the vehicle.2. Remove the fiber optic connector from any optical unit, and then assemble per Optical Cable Connections diagram (see last page.)3. Once connector is reassembled, reconnect to original unit then connect the new connector into the backup camera module.4. Power for the backup camera module can be spliced into any good continuous power and ground point. (Verify with a multi-meter.)5. The blue wire from the backup camera module needs to be connected to the vehicle's reverse light wire. This wire is usually located by the multimedia equipment in the rear of the vehicle. (Using a multi-meter, the wire will show +12 volts when the vehicle is in reverse.)6. Video input for the camera will be found at the radio module/MMI in the dash, which is the DVD/SD unit. You will need to remove the blue 12 pin connector from the main power connector behind the radio head.7. Using the supplied RCA, insert the RCA shield into pin position 5, then insert the RCA video signal into pin 11. This is where you will supply the backup camera video input.	

Programming	
<p>When adding AUDI3G-CAM into the system, the vehicle has to be coded to accept the backup camera.</p> <ol style="list-style-type: none"> 1. Install module into the M.O.S.T. system per the above instructions. 2. Once installed, turn on, but do not start the vehicle and navigate to the convenience features settings screen (press the "CAR" button on the MMI controls). 3. Once in this screen, wait for all of the information to finish loading (no grayed out lines.) 4. On the steering wheel, press the 2 inside buttons, the voice activation and "MODE" button, for 5 seconds. 5. Wait approximately 15 seconds for the module to code the radio. During this process, the options on the screen may gray out and relight; this is completely normal and expected. 6. Reset the MMI system. To do this: (1) press the "SETUP" button, (2) push down on the scroll wheel, and (3) press the top right button above the scroll wheel, all at the same time, then release. 7. The system will reboot. 8. Shut down the vehicle. 9. Start the car, wait until all the information finishes loading in the convenience menu as in step 3. 10. Place the vehicle into reverse. You should get a black screen with dummy parking assist information if no camera is installed. If camera is installed you will still get dummy parking assist information, but a reverse image as well. 	 

Operation:	
<p>Operation of the module is simple. When the vehicle is placed into reverse, the backup camera image will appear, and will emulate Parking Assist information. The Parking Assist icon displays a generic view.</p> <ul style="list-style-type: none"> • Currently this product will not work with vehicles that have factory Parking Assist installed. • Note that if the vehicle is shifted into Reverse immediately after starting, the camera image may be delayed up to 15 seconds. 	

Optical Cable Connections

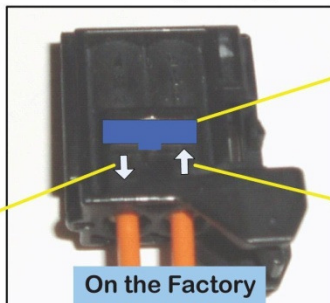
Interface Plug



Lock

Use a pick tool to press the blue lock down from the side illustrated above and remove lock.

Factory Plug

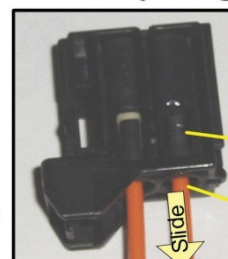


Lock

Output Arrow

On the Factory Plug, repeat previous step (Remove Lock)

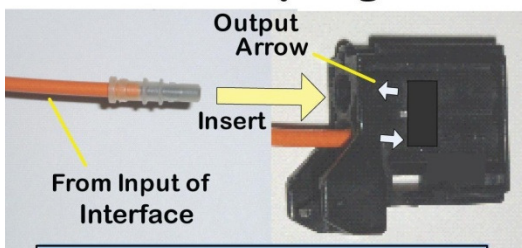
Factory Plug



Input Arrow

Lift tab up to allow the Fiber Optic Lead to slide out of the factory plug on the Output side.

Factory Plug



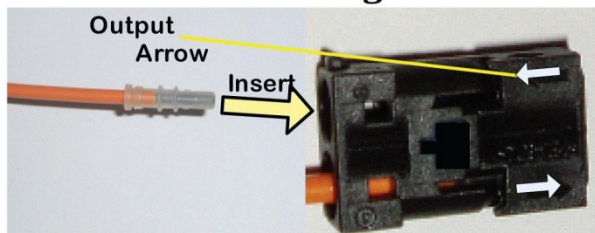
Output Arrow

Insert

From Input of Interface

Insert Optical lead from the input Interface Connector into the Output Connector of the Factory Connector (↑ to ↓).

Interface Plug



Output Arrow

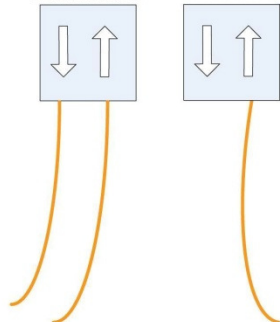
Insert

Take the Optical lead that you've just removed from the output of the Factory Connector and insert in into the output of the Interface Connector

Before

Factory Connector

Interface Connector



After

Factory Connector

Interface Connector

