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› SOUND OFF AB01-6P Alpine X9V Rear Camera Conversion Kit User Manual

SOUND OFF AB01-6P

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PRODUCT OVERVIEW

The SOUND OFF AB01-6P conversion kit is designed to facilitate the connection of an original Alpine rear camera, typically used with Alpine car navigation systems, to other aftermarket car navigation units. This kit converts the Alpine camera's 15-pin square connector output to a standard RCA pin jack input, allowing for broader compatibility. When properly installed, the navigation monitor will automatically display the camera footage, enhancing convenience and safety during reversing maneuvers.

SETUP INSTRUCTIONS

Follow these steps to correctly install your AB01-6P conversion kit:

- 1. Identify Connectors:** Locate the 15-pin square connector on your Alpine rear camera cable. This is the output from the camera that needs to be connected to the conversion kit.
- 2. Connect to Camera:** Plug the 15-pin connector of the AB01-6P conversion kit into the corresponding 15-pin square connector from your Alpine camera. Ensure a secure and firm connection.
- 3. Connect to Navigation System:** Locate the RCA video input on your aftermarket car navigation system. Connect the yellow RCA plug from the AB01-6P conversion kit into this RCA video input.
- 4. Power Connection:** The conversion kit requires power. Connect the red wire from the kit to a 12V power source, typically the reverse signal wire (which provides 12V when the vehicle is in reverse). Connect the black wire to a reliable ground point in the vehicle's electrical system. Refer to the wiring diagram below for visual guidance.

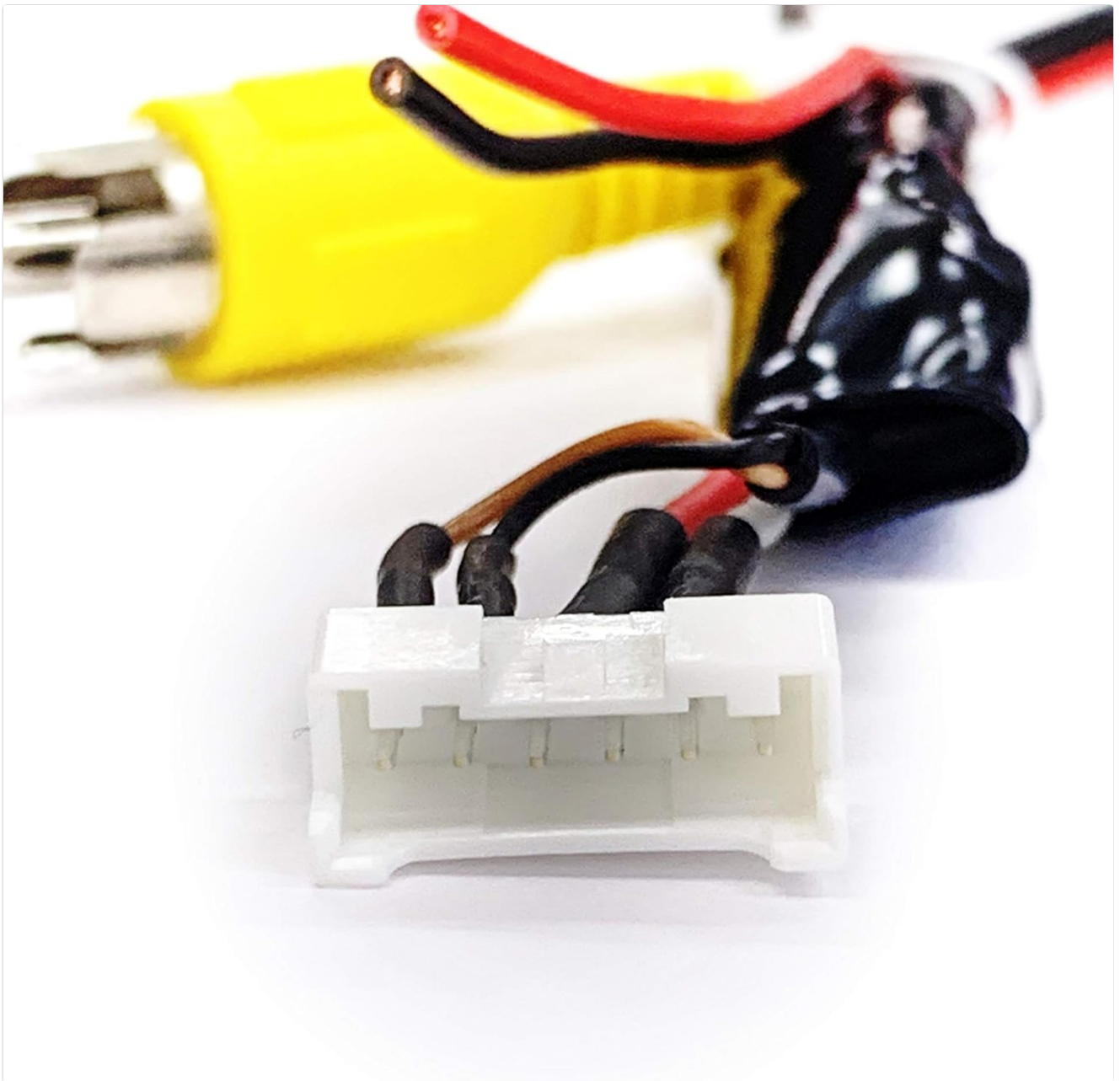


Image: The AB01-6P conversion kit, featuring the 15-pin square connector for the Alpine camera, the yellow RCA plug for video output, and the red (12V) and black (ground) power wires.

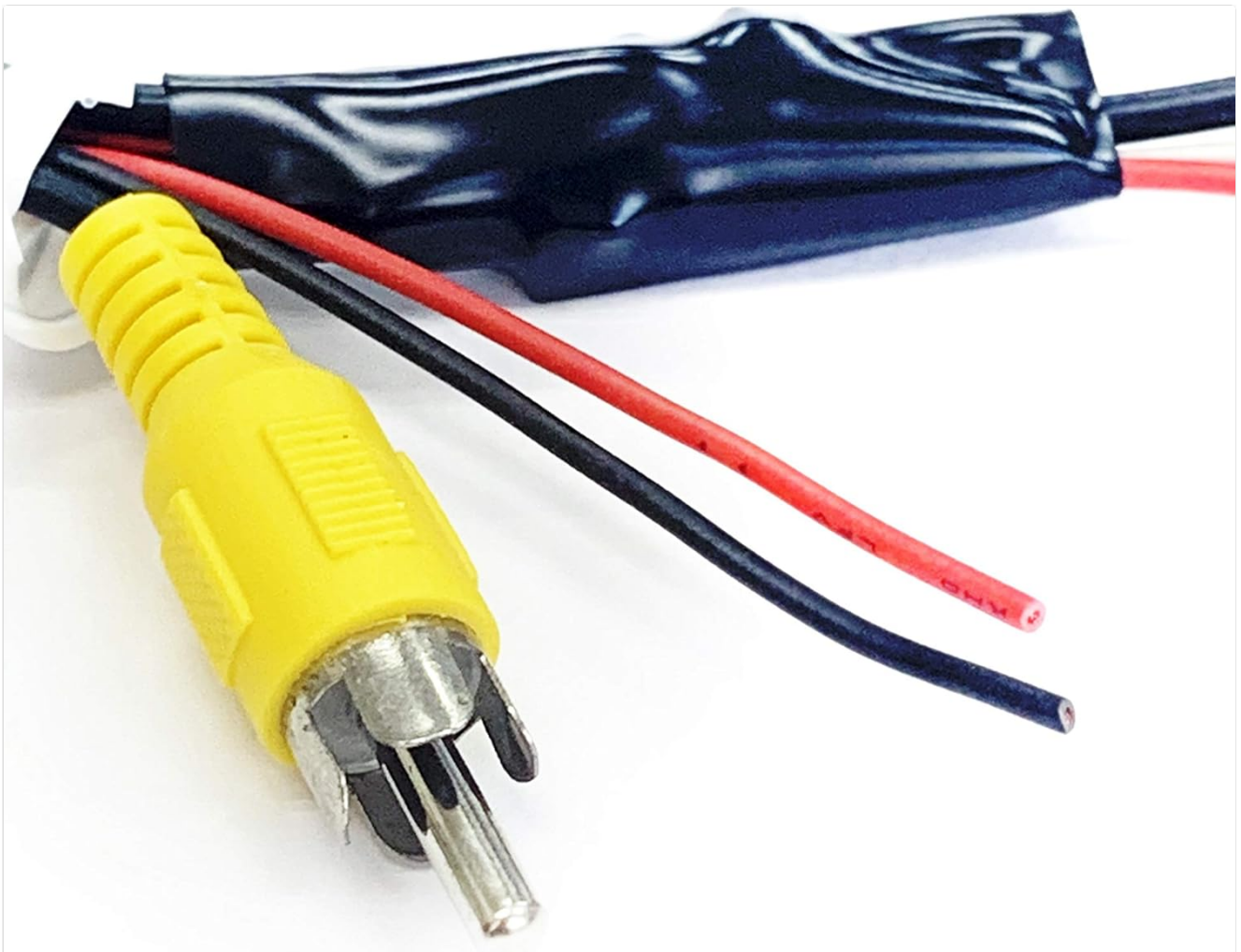


Image: A detailed view of the RCA plug and the red and black power wires of the conversion kit, ready for connection to the navigation system and vehicle power.

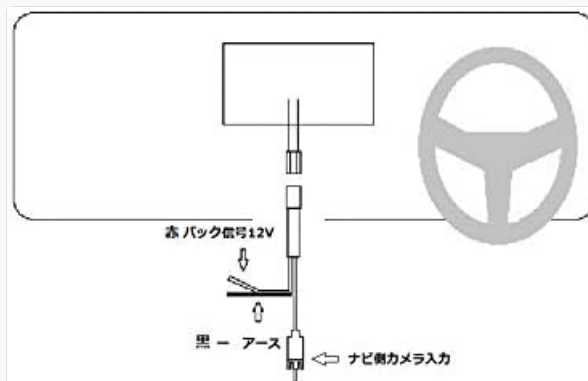


Image: Wiring diagram illustrating the connection points: the 15-pin connector to the camera, the RCA plug to the navigation's camera input, the red wire to the 12V reverse signal, and the black wire to ground.

OPERATING INSTRUCTIONS

Once the AB01-6P conversion kit is correctly installed, operation is automatic:

- When the vehicle is shifted into reverse gear, the 12V reverse signal will activate the conversion kit.
- The car navigation system's monitor will automatically switch to display the live video feed from the connected Alpine rear camera.
- When the vehicle is taken out of reverse gear, the monitor will return to its previous display mode.

MAINTENANCE

The AB01-6P conversion kit requires minimal maintenance. To ensure optimal performance and longevity:

- Periodically inspect all cable connections to ensure they remain secure and free from corrosion.
- Avoid exposing the kit to extreme temperatures or moisture.
- Do not attempt to modify or disassemble the kit, as this may void any applicable warranty and could cause damage.

TROUBLESHOOTING

If you encounter issues with your AB01-6P conversion kit, consider the following:

- **No Camera Image:**
 - Verify that all connections (15-pin, RCA, 12V, ground) are securely attached.
 - Ensure the 12V power wire is connected to a reliable reverse signal that provides power when the vehicle is in reverse.
 - Check the settings on your aftermarket navigation system to ensure the camera input is enabled and correctly configured.
 - Confirm the Alpine camera itself is functioning correctly when connected to its original system (if possible).
- **Intermittent Signal or Poor Image Quality:**
 - Inspect cables for any signs of damage, kinks, or frayed wires.
 - Ensure the RCA connection is fully seated and free from debris.
 - Check for any electromagnetic interference from other vehicle electronics.
- **Navigation System Does Not Switch Automatically:**
 - Re-check the 12V reverse signal connection. It must provide power only when reverse gear is engaged.
 - Consult your navigation system's manual for specific instructions on enabling automatic camera switching.

PRODUCT SPECIFICATIONS

Feature	Specification
Brand	SOUND OFF
Model	AB01-6P
Part Number	AB01-6P
Batteries Required	No
Input Connector	15-pin square (for Alpine camera)
Output Connector	RCA pin jack (for aftermarket navigation)
Power Input	12V (typically reverse signal)

WARRANTY AND SUPPORT

For warranty information or technical support regarding your SOUND OFF AB01-6P conversion kit, please refer to the documentation provided at the time of purchase or contact your retailer. Keep your proof of purchase for any warranty claims.