

# How to Fix a Car Radio That Won't Turn Off

There are some causes which will lead to a [automotive radio](#) not closing down once you expect it to, and every one applies to a fairly specific state of affairs. the foremost common reason for this drawback is Associate in Nursing improperly wired head unit, thus if you have got Associate in Nursing aftermarket radio, that may be your issue.

Other than that, you'll have a controversy together with your electrical switch or another element, and there are some cars that are designed to permit the radio to remain on for a given quantity of your time, typically regarding 10 minutes, unless a door is opened 1st.

Some of the foremost common fixes for a automotive radio that will not shut down include:



## 1, Improper [head unit](#) wiring

If the most power wire for the pinnacle unit is connected to an influence supply that's perpetually hot, the radio will not ever shut down.

Fix: wire the radio to receive power from a supply that's

solely hot once the ignition is within the accent or run position.

## **2, Ignition switch drawback**

If there's a controversy with the electrical switch or cylinder, accent power is also out there even once the key's removed.

Fix: check to determine if accent power is obtainable once the key's within the off position. realine the cylinder or replace the electrical switch as required.

## **3, Worn out key or ignition cylinder**

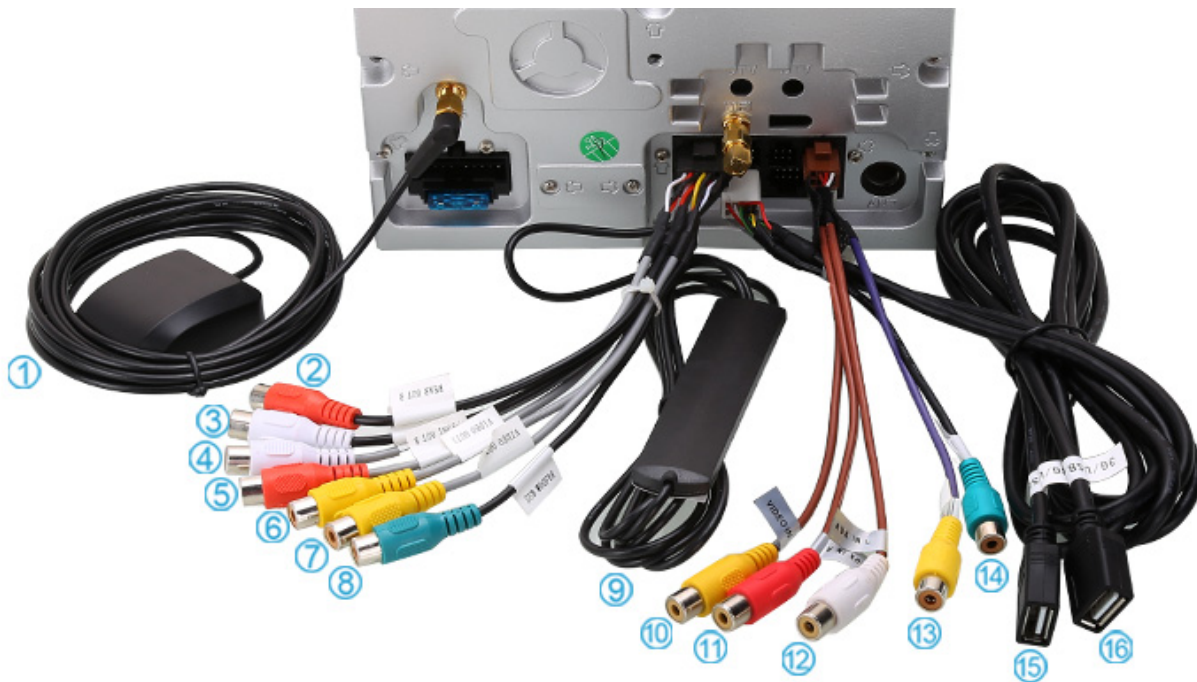
If your key or ignition cylinder are particularly worn, you will be ready to take away the key once the switch remains within the accent or on position.

Fix: ensure that the electrical switch is truly within the off position within the short term, and replace the cylinder once you will.

## **4, Radio designed to remain on for a collection quantity of your time**

Some automotive radios are on a timer, in order that they are designed to not shut off straight off.

Fix: check if the radio has turned off some minutes once the doors are shut and fastened. If it still hasn't turned off, check if the dome lights shut down once the doors are shut. this sort of drawback could require aid from an expert.



- |                   |                    |                  |               |
|-------------------|--------------------|------------------|---------------|
| 1. GPS Antenna    | 5. Front Right Out | 9. WIFI Antenna  | 13. Camera IN |
| 2. Rear Right Out | 6. Video-OUT1      | 10. Video-IN     | 14. MIC Port  |
| 3. Rear Left Out  | 7. Video-OUT2      | 11. AUX-IN Right | 15. USB       |
| 4. Front Left Out | 8. Subwoofer       | 12. AUX-IN Left  | 16. USB2      |

## How an Ignition switch Prevents a Radio From Turning Off

In some cases, a foul switch or switch cylinder may additionally forestall a radio from turning off. the difficulty here is that, beneath traditional circumstances, accessories like your automobile radio solely receive power once the switch is within the accent, run, or begin position. If accessories are high-powered up once the switch is within the off position, your radio will not shut down.

The specific procedure for designation this sort of drawback are completely different looking on the create, model and year of your vehicle, and you'll most likely should research a schematic drawing. In basic terms, once the switch is within the off position, the ignition accent wire shouldn't have power. If there's an adjunct relay within the circuit, it shouldn't be activated with the switch within the off position.

If you are finding that accessories have power once they should not, the matter may be within the switch or the relay. the matter may even be within the mechanical ignition cylinder, that may be wiped out or misaligned.

### **Radio Shut-Off Delay problems**

Some cars include a feature that permits the radio to remain on once the keys are far from the ignition. This feature sometimes shuts the radio off once concerning 10 minutes or if a door is shut, though that isn't a universal rule.

If you drive a automotive that was in-built the last ten or fifteen years, you're experiencing this downside, and you've got an [aftermarket head unit](#), you'll wish to begin by checking your owner's manual to determine if your vehicle will have this feature.

If you are doing have an issue that's associated with a radio shut off delay feature, then each the designation and fix are likely to be outside the realm of a straightforward DIY job. If you notice that gap and shutting your doors □don't activate your dome light-weight, then you'll be handling a faulty door switch, that is usually pretty straightforward to interchange.

In different cases, you'll have an issue with a relay or different part. you'll be able to try and take a look at or replace your accent relay, for example, however betting on your vehicle and what downside you're truly handling, that will or might not fix the matter.