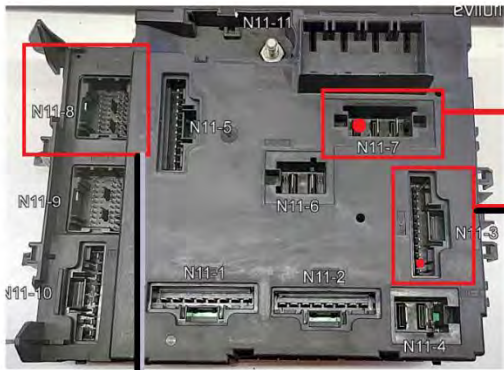
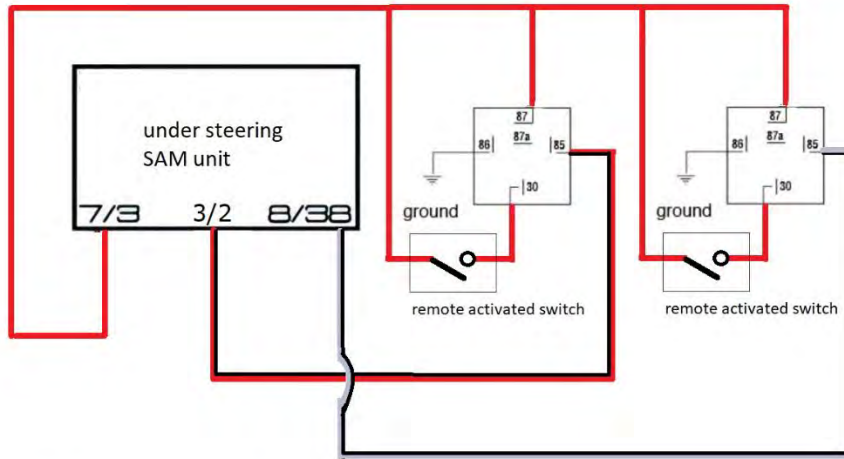


Instructions for US smart 451 remote start

**Step 1** drop the SAM unit by removing the 2 screws holding it up. Under the steering Column. Be careful not to damage anything.





7/3 ignition main position 0 ( constant 12v wire )

Red/Black

3/2 ignition position 1  
(looks like this is not right on evilutions pinout)



Grey/Black

8/38 ignition position 2 (start signal wire)



- 1) This was just a test to confirm how damn easy it is to remote start an American 451 smart car.
- 2) I used easy splicers to splice into the SAM unit wires



3) For the remote starter I used a cheap RF dual relay module from amazon like this:

amazon Hello Select your address Industrial & Scientific rf two channel relay

All Very Merry Deals Holiday Gift Guide Gift Cards Best Sellers Amazon Basics Customer Service Prime New Releases Books Music Registry Amazon Home Fashion Toys & Games

Industrial & Scientific Janitorial & Facilities Safety Supplies Medical Supplies Food Service Diagnostic Equipment Material Handling Educational Supplies Sealants and Lubricants Additive Manufacturing Laboratory Supplies

Back to results

fushionsea Universal Wireless Remote Control Switch DC 12V 24V 36V 48V 2CH 10A Relay Receiver Module with 2 Channel RF Remote Transmitter for Various Wireless Controls

Brand: fushionsea  
★★★★★ 56 ratings | 5 answered questions

1 Price Change

\$18<sup>99</sup>

Get Fast, Free Shipping with Amazon Prime  
FREE Returns

Coupon:  Apply 5% coupon Terms

Get \$60 off instantly: Pay \$0.00 upon approval for the Amazon Rewards Visa Card.

Contact Type	Normally Open
Current Rating	10 Amps
Brand	fushionsea
Coil Voltage	48 Volts
Contact Current Rating	10 Amps

4) You will need either a bypass module like this:

results

BANVIE Car Immobilizer Transponder Bypass Module for Chip Key (a Spare chip Key is Required ! only for chip Key, not fit for Other Immobilizer Way)

Brand: BANVIE  
★★★★★ 542 ratings | 107 answered questions

8 Price Changes

-8% \$11<sup>99</sup>  
List Price: \$12.99

Get Fast, Free Shipping with Amazon Prime  
FREE Returns

Get \$60 off instantly: Pay \$0.00 upon approval for the Amazon Rewards Visa Card.

- It is a bypass module to bypass the chip key only, please note this one is not a remote starter! security design for chip key immobilizer, ONLY compatible with most cars with CHIP KEY, will not work for other immobilizers .
- Bypasses immobilizer for engine chip lock. simple two-wire connection for super easy installation,

Or – what I do is I take the second car key and leave it in the ignition in the off position. I put a facemask over it so no one can see it lol. The interesting thing is once the car is started – the lock and unlock buttons on the FOB do not work. You will need to use the actual key blade to unlock the car. Which is pretty neat – its sort of an extra security feature that is built in.

The way I do it is – I turn relay 1 on first then – turn relay 2 on – and then after 3 or so secs turn off relay 2 and that keeps the car running. *I tested with keeping the 2nd relay on as well and it doesn't seem to disturb anything so technically you can use a single relay module for this whole install instead. Would need to splice wire 8/38 and 3/2 together.*