

# FAI-BP1

## *Transponder Bypass Kit*

The FAI-BP1 transponder bypass kit is designed for use on most vehicles equipped with an RFID (Radio frequency Identification) OEM transponder based immobilizer ignition system. Most mid to upscale vehicles are equipped with this system today, The transponder is embedded into the ignition key and is read by the RF coil, which resides on the key cylinder. This signal generally allows the vehicle to start by indirectly controlling the vehicle's fuel management system, If a non-transponder key is used in attempt to start the vehicle, it will usually start, run for about 1-2 seconds and shut down. The FAI-BP1 kit solves this problem by automatically transmitting the signal during remote start (requires the use of the vehicle's spare key). ~~Your client will have to surrender the spare key if a remote start is being installed in the vehicle.~~

**IMPORTANT NOTE:** If the client requires another key, it usually will have to be programmed by the dealer before installation, Once the FAI-BP1 has been installed it will be difficult, but not impossible to program a 3<sup>rd</sup> key at the dealer. It is however highly recommended that this be done before installing the FAI-BP1 transponder bypass kit. Some vehicles can be programmed with the use of the existing keys. If you are unsure about this, contact the car dealer for more information.

### INSTALLATION:

1. Open the FAI-BP1 case.
2. Remove the neoprene block located in the ribbon coil and discard it.
3. Install the supplied neoprene rubber blocks as per the diagram.
4. Place the key in the kit as per the illustration above.
5. Close the FAI-BP1 case marking sure the key is securely clamped in place.
6. Connect the Red wire to constant power. (Fused)
7. Connect the Black wire to you remote starter's ground when running output.
8. Remove the steering column shroud.
9. Place the ring around the key cylinder and secure it in place using tie-wraps or tape.
10. Do not over tighten the coil around the key cylinder as it may break and will not be covered under warranty,
11. Replace the steering column shroud.
12. When your vehicle has the second ignition, please see the diagram for the connection.

The FAI-BP1 will only operate during remote start and will maintain full integrity of the security system.

