

Heavy Commercial Vehicles

Information bulletin to be circulated to:	Service Manager	Warranty Manager	Parts Manager	Master Technician	Service Consultant	BMIS
	✓	✓	✓	✓	✓	✓

Subject	Ignition Does Not Work / Not Starting Problems and Repair Methods
Variant	In 2016 Model Year Vehicles (Legacy)
Abstract	Checks and actions to be performed for ignition/not starting problems

Parts to be Used

If an electrical continuity is observed after the control

Part Number	Part Name	Number of Parts
PC46 3F797 AA	Metal Actuator Pin	1

If an electrical discontinuity is observed after the control

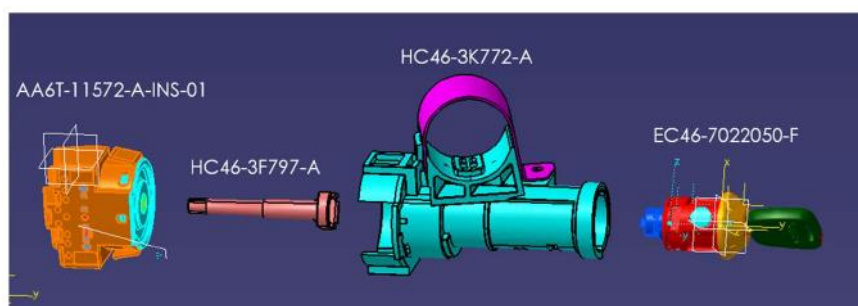
Part Number	Part Name	Number of Parts
AA6T-11572-AA	Ignition Relay	1

Labour

Labour Code	Labour Name	Duration (hour)
33C026	Changing the Contact Ignition Switch	1

Service Application

In 2016 Model Year (Legacy) vehicles, the following steps should be checked before any part replacement when the vehicle faces with the ignition problem. If it is possible, a video shows that the vehicle does not start should be added to the claim page. After the parts numbered AA6T-11572-AA, HC46 3F797 AD, HC46 3K772 AC and EC46 7022050 FC are removed, the following steps should be applied for ignition switch control.

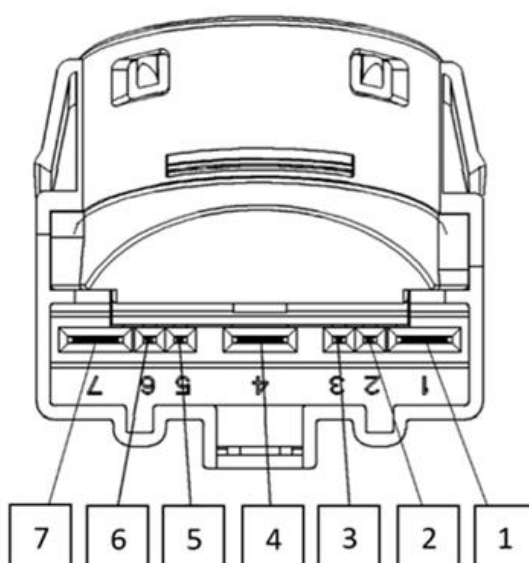


1. Check the ignition switch pins for any signs of burns, over current or physical damage.
2. Pin-to-pin controls should be carried out to Contact 0, Contact 1, Contact 2 and Contact 3 positions, respectively, with the help of a screwdriver, and electrical continuity control should be made with the help of a multimeter on the following pins.

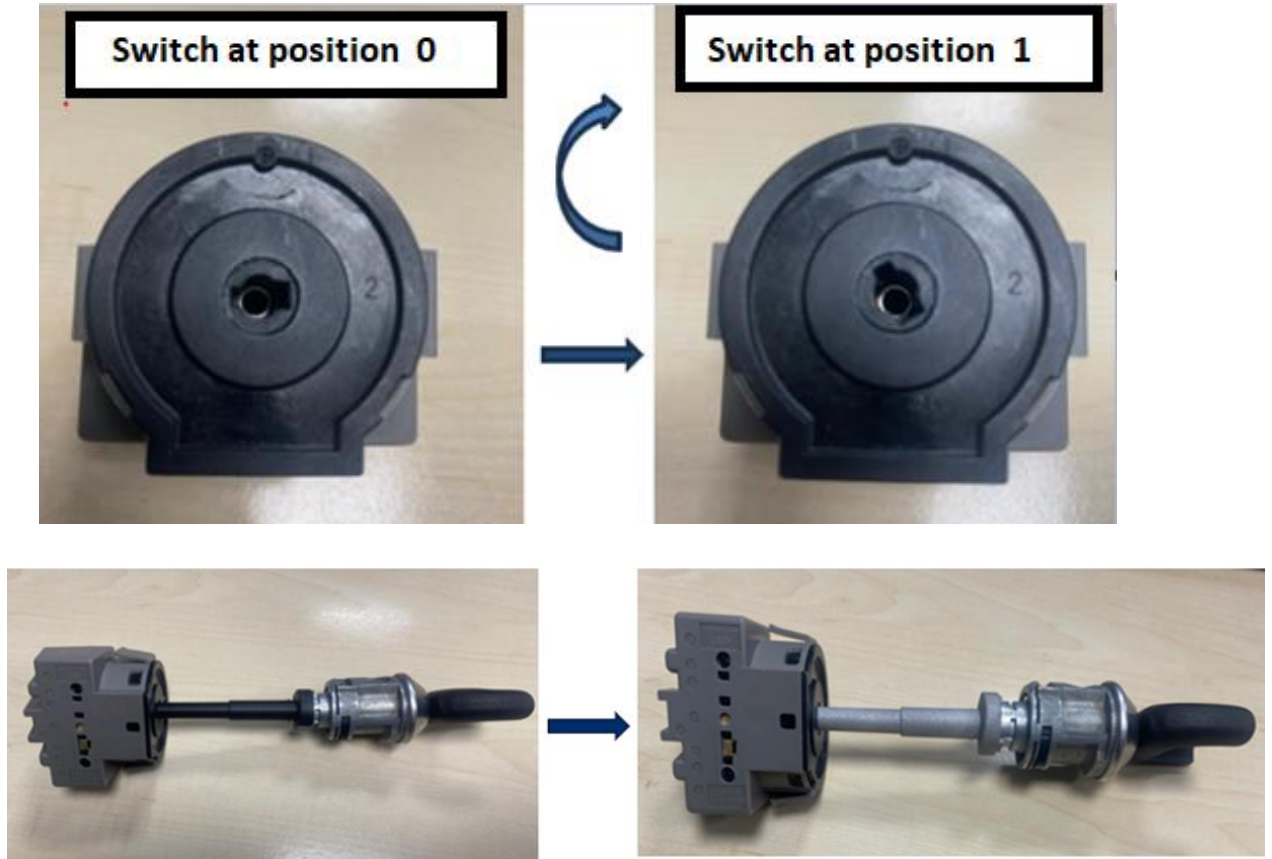


3. An electrical continuity must be observed on the specified pins. In case of electrical continuity on the pins, the contact ignition switch change should not be made.
4. If an electrical discontinuity is observed on the pins, the part AA6T-11572-AA can be replaced. The video of the corresponding pin control must be uploaded to the service system.

Ignition	Pin
Ignition 0	2&4
Ignition 1	4&6
Ignition 2	1&4, 1&6, 4&6
Ignition 3 (In the ignition position 3, the ignition key is turned to the start position and kept pressed.)	1&4, 1&7, 4&7



5. If the ignition switch is working, only the plastic pin **HC46 3F797 AD** must be replaced with a new metal pin **PC46 3F797 AA**. Other parts should not be replaced. Filing repair should not be applied on the ignition key (EC46 7022050 FC) To make the assembly of the metal pin easier, the switch numbered AA6T-11572-AA should be turned clockwise position like below.



Regards,
Ford Trucks Service Engineering
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