

**TECHNICAL INSTRUCTIONS**  
**FOR**  
**SAFETY (NON-COMPLIANCE) RECALL D0S**  
**WINDSHIELD WIPER SWITCH**

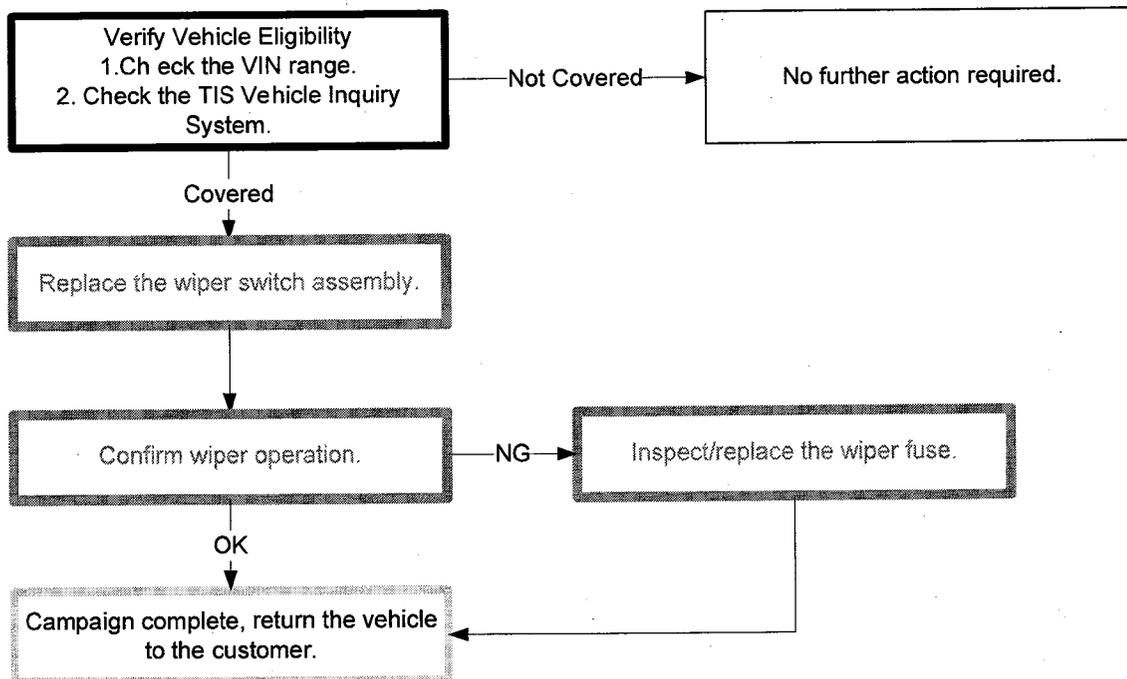
**CERTAIN 2013 MODEL YEAR AVALON & AVALON HYBRID**  
**CERTAIN 2013 – 2014 MODEL YEAR CAMRY & CAMRY HYBRID**  
**CERTAIN 2014 MODEL YEAR COROLLA**

13V-505  
DEALER NOTICE  
DATED 10/17/2013

**ONLY TECHNICIANS WHO HAVE COMPLETED TRAINING COURSE SC13A AND ARE TOYOTA  
CERTIFIED IN ELECTRICAL CAN PERFORM THIS REPAIR**

## I. OPERATION FLOW CHART

The flow chart is for reference only. **DO NOT** use it in place of the full technical instructions. Follow **ALL** steps as outlined in the full technical instructions to confirm the campaign is completed correctly.



## II. BACKGROUND

During manufacturing of the wiper switch assembly for the subject vehicles, certain contacts on the switch terminal could have been manufactured to the incorrect specification. If the contacts are not within specification, there is a possibility that a short between the battery and ground contacts could occur when the wiper switch is moved from the OFF to the MIST position. A short can cause the windshield wipers to become inoperative and not comply with S4.1 of FMVSS 104. Inoperative wipers could reduce driver visibility and increase the risk of a vehicle crash.

## III. PREPARATION

### A. PARTS – WINDSHIELD WIPER SWITCH ASSEMBLY

Part Number	Part Description	Quantity
84652-07140	Windshield Wiper Switch	1
84652-06340	Windshield Wiper Switch	1
84652-06350	Windshield Wiper Switch	1

Log in to the parts system and populate the VIN that is currently being serviced to determine the appropriate part number.

### B. TOOLS & EQUIPMENT

- Standard hand tools
- Marking pen

## IV. IDENTIFICATION OF AFFECTED VEHICLES

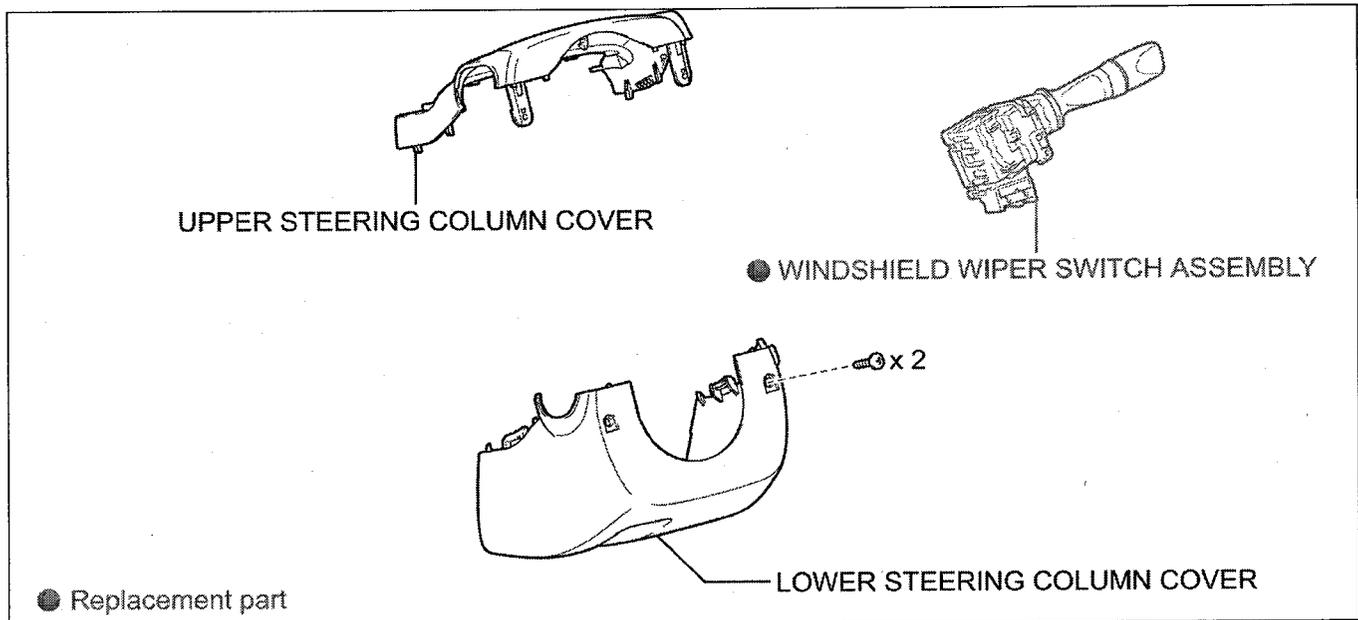
### A. COVERED VIN RANGE

Model	WMI	MY	VDS	START	FINISH
Avalon	4T1	2013	BK1EB	U066873	U069613
Avalon Hybrid			BD1EB	U014844	U015746
Camry			BF1FK	U298993	U726267
			BK1FK	U023711	U537366
	2014 <sup>BF</sup>	1FK	U300245	U730146	
		BK1FK	U023766	U538119	
Camry	4T4	2013 <sup>BF</sup>	1FK	R336416	R336871
		2014 <sup>BF</sup>	1FK	R336872	R340005
Camry Hybrid	4T1	2013	BD1FK	U096960	U097179
		2014		U097180	U098144
Corolla	2T1	2014	BPRHE	C004782	C005433
	5YF		BURHE	C004387	C006727
			BURHE	P003949	P005301

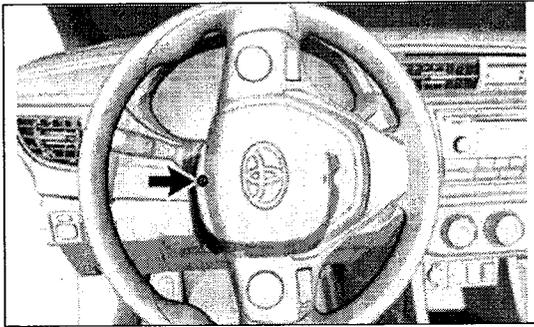
#### NOTE:

- Check the TIS Vehicle Inquiry System to confirm the VIN is involved in this Safety (Non-Compliance) Recall, and that the campaign has not already been completed prior to dealer shipment or by another dealer.
- TMS warranty will not reimburse dealers for repairs conducted on vehicles that are not affected or were completed by another dealer.

## V. COMPONENTS

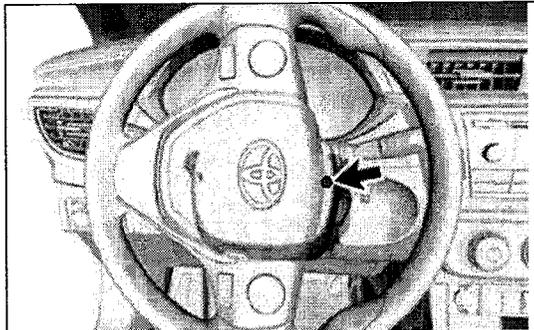


## VI. WINDSHIELD WIPER SWITCH ASSEMBLY REPLACEMENT

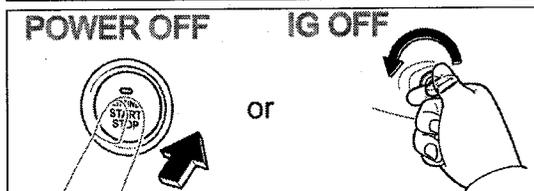


### 1. REMOVE THE STEERING COLUMN COVER SCREWS

- a) Release the tilt lever to fully extend and lower the steering column, then lock the tilt lever.
- b) Turn the steering wheel to the left and remove the screw.



- c) Turn the steering wheel to the right and remove the screw.



### 2. TURN THE IGNITION OFF

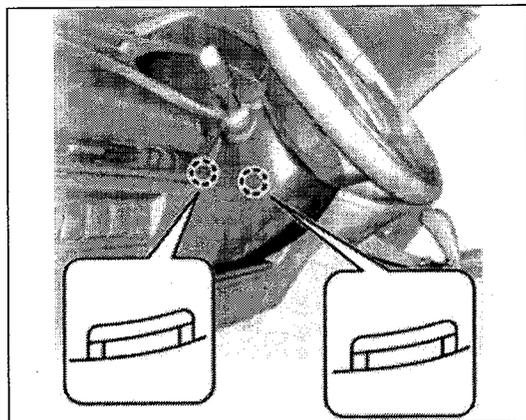
**NOTE:** IG should remain OFF until the new wiper switch has been installed.

### 3. REMOVE THE STEERING COLUMN COVERS

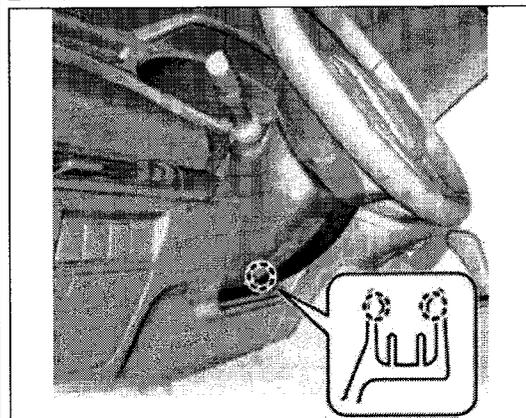
**STOP**

- Use care when removing the steering column covers to prevent damage.
- The location of claws/clips/tabs differs by model, refer to the correct steps for each model.

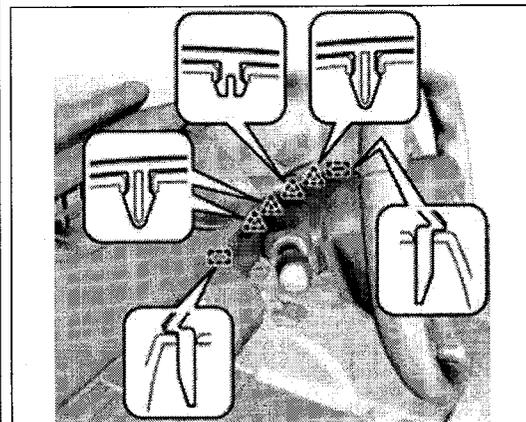
## AVALON & CAMRY



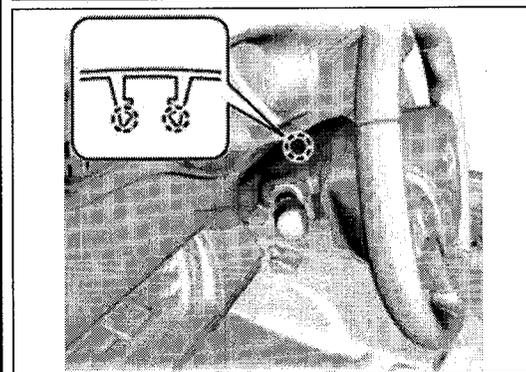
- a) Push the right and left sides of the lower cover to disengage the 2 claws.



- b) Insert your fingers into the opening of the tilt lever to spread the 2 claws and remove the lower cover.



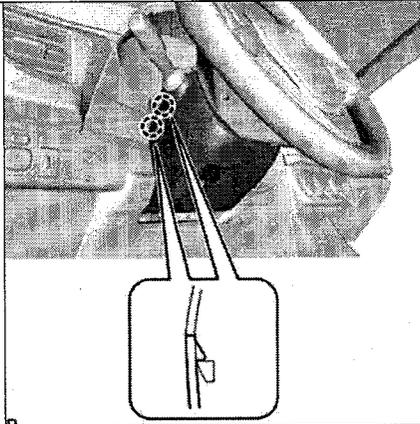
- c) Disengage the 4 clips and 2 guides to separate the upper cover from the instrument cluster finish panel.



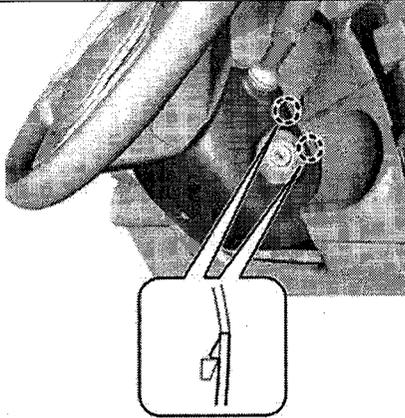
- d) Disengage the 2 claws and remove the upper cover.

## COROLLA

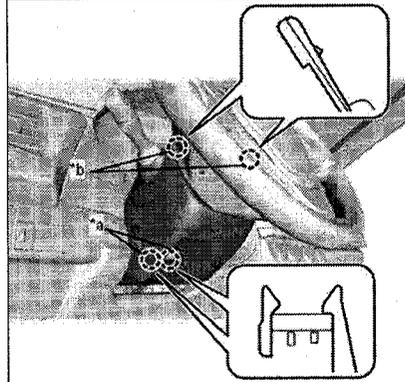
a) Disengage the 2 claws on the left side.



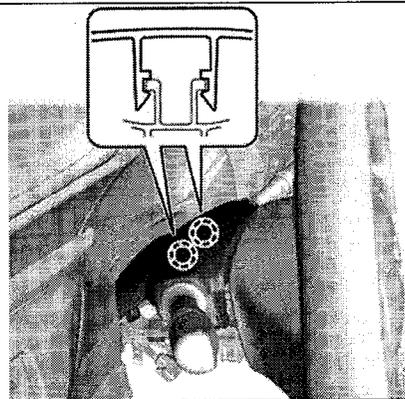
b) Disengage the 2 claws on the right side.

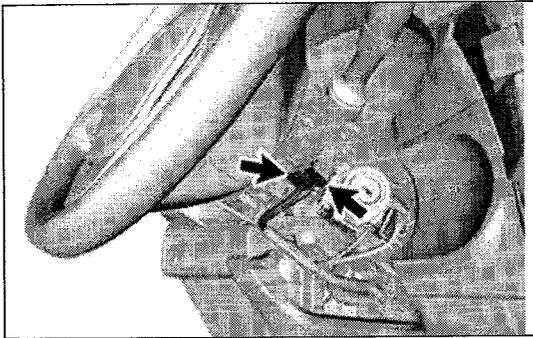


c) Insert your fingers into the opening of the tilt lever to spread the 2 claws, then disengage the 2 upper claws and remove the lower cover.

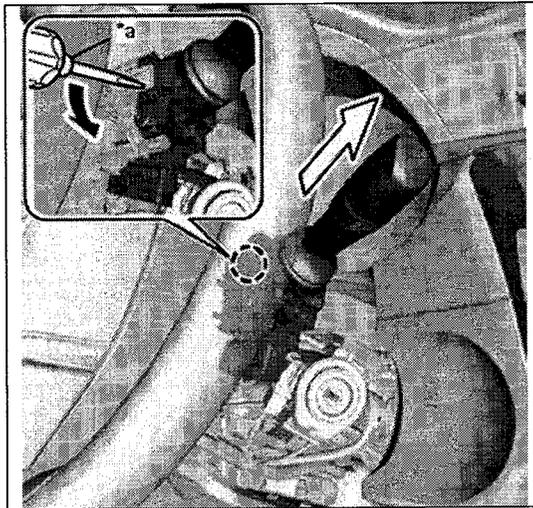


d) Disengage the 2 claws and remove the upper cover.



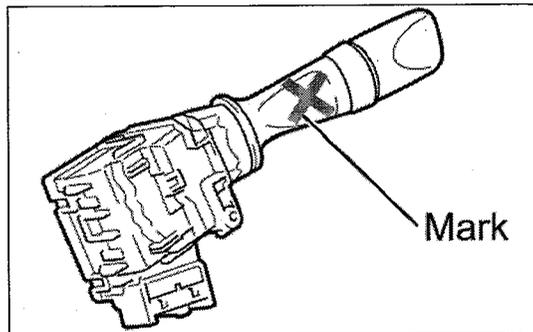


**4. DISCONNECT THE CONNECTORS**



**5. REMOVE THE WIPER SWITCH**

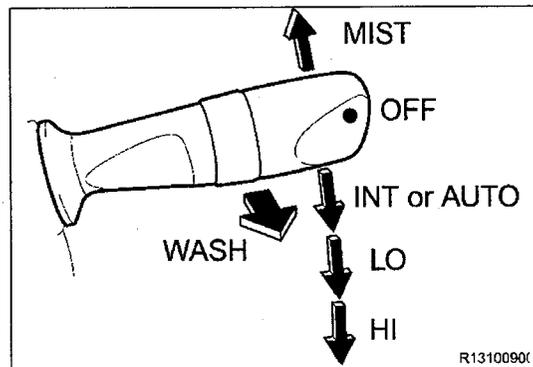
- a) Use a screwdriver to disengage the claw and remove the switch assembly.



**6. MARK THE OLD SWITCH SO THAT IT IS NOT REUSED**

**7. INSTALL THE NEW WIPER SWITCH ASSEMBLY**

- a) Install the new switch assembly and upper/lower covers in reverse order.  
 b) Refer to TIS for detailed installation instructions



**8. TEST ALL FUNCTIONS OF THE WINDSHIELD WIPER SWITCH**

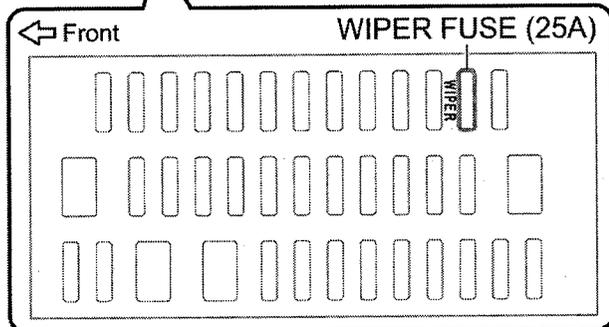
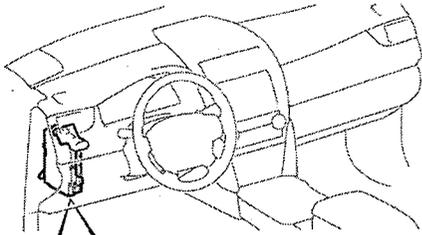
- a) Turn the IG ON and test all functions of the wiper switch.

OK: ALL functions operate correctly – Campaign Complete  
 NG: Wiper function fails to operate – Proceed to STEP 8. INSPECT/REPLACE THE WIPER FUSE

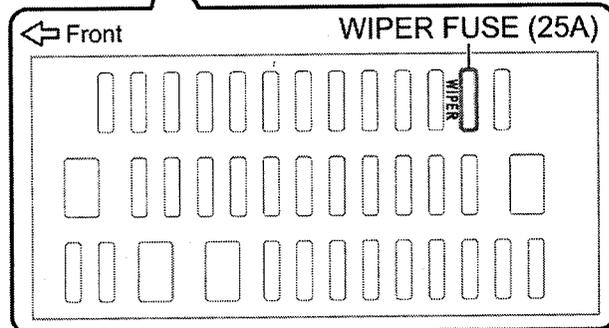
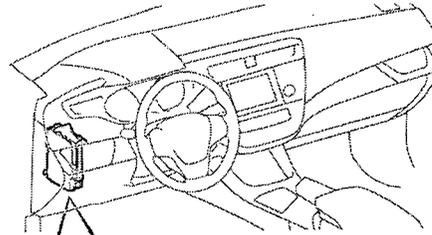
## 9. INSPECT/REPLACE THE WIPER FUSE

- Inspect the fuse indicated for the model of vehicle being repaired, replace the fuse if blown.
- Perform **STEP 8** again to confirm wiper functions after fuse replacement.

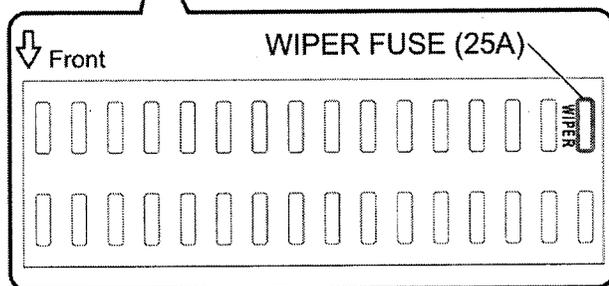
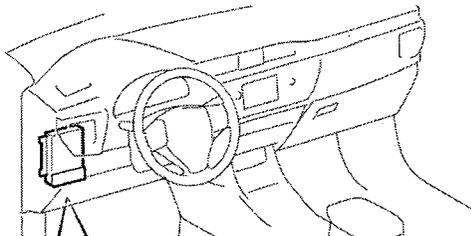
<CAMRY>



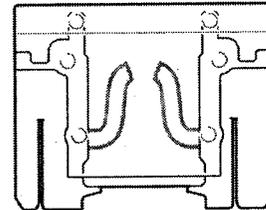
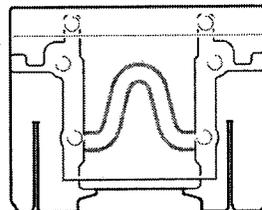
<AVALON>



<COROLLA>



**OK**      **NG**



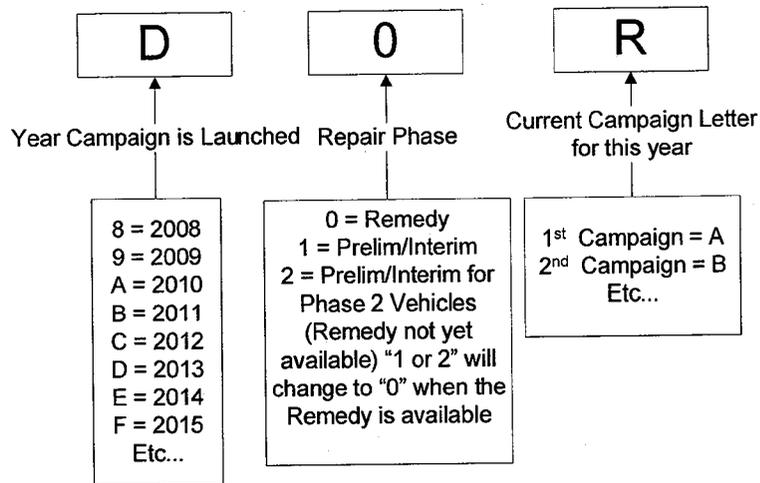
### ◀ VERIFY REPAIR QUALITY ▶

- Use caution to prevent damage to the interior panels
- Confirm the new switch is fully seated and that the connectors are snapped in place
- Confirm the functions of the switch work correctly

If you have any questions regarding this recall, please contact your regional representative.

## VII. APPENDIX

### A. CAMPAIGN DESIGNATION DECODER



### B. CAMPAIGN PARTS DISPOSAL

As required by Federal Regulations, please make sure all campaign parts (original parts) removed from the vehicle are disposed of in a manner in which they will not be reused, ***unless requested for parts recovery return.***