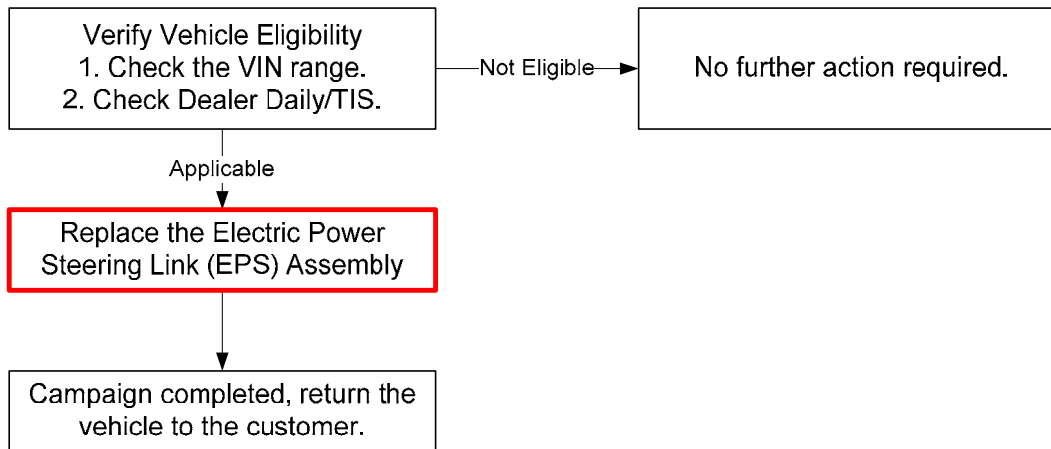


I. OPERATION FLOW CHART



II. IDENTIFICATION OF AFFECTED VEHICLES

A. AFFECTED VIN RANGE

Model	WMI	Year	VIN Range	
			VDS	Ranges
Camry HV	JTN	2007	BB46K	3000151 - 3026447
Highlander HV	JTE	2006	DW21A	0001012 - 0016484
			EW21A	0001052 - 0033953
			GW21A	0001541 - 0013007
			HW21A	0001275 - 0020710
			DW21A	0016485 - 0017903
		2007	EW21A	0033956 - 0036624
			GW21A	0016486 - 0017906
			HW21A	0033954 - 0036620

III. PREPARATION

A. PARTS

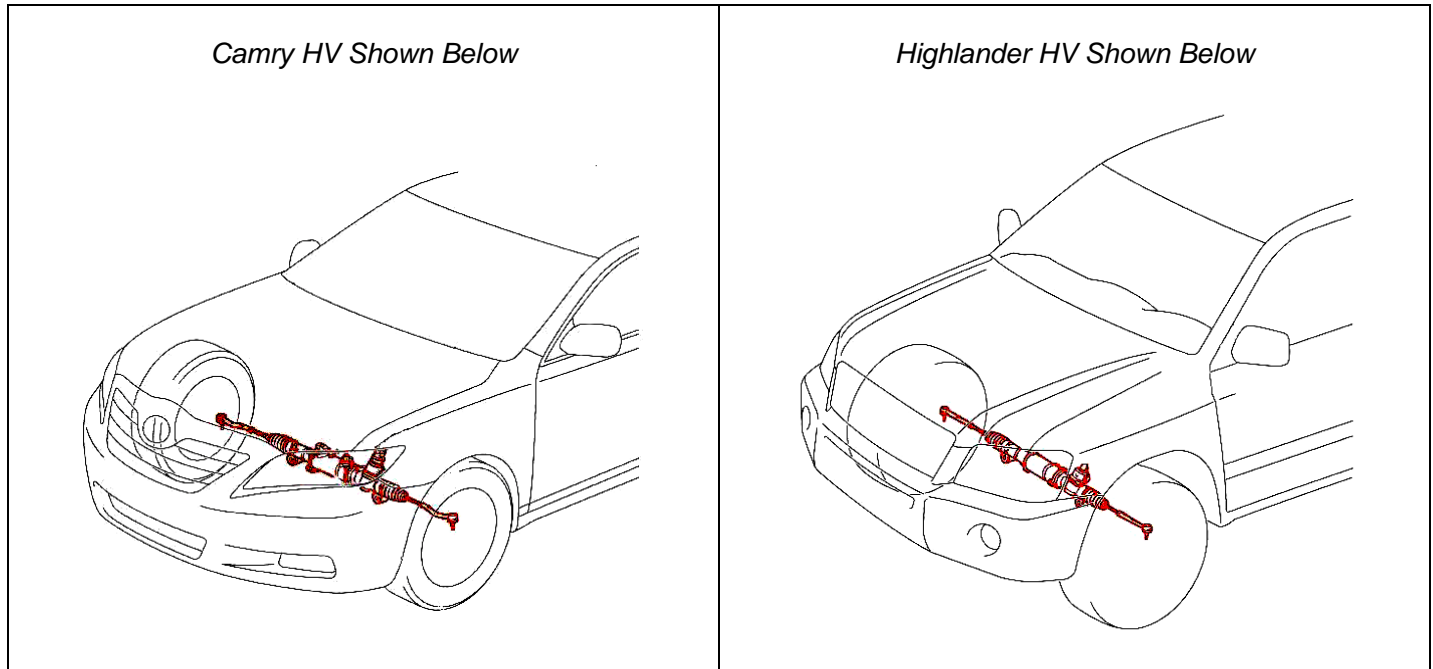
Model	Part Number	Part Description	Quantity
Camry HV	04007-06233	EPS Kit	1
The kit above includes the following parts: 44200-33471 = EPS Assembly = Qty 1 95381-03025 = Clip = Qty 1			
Model	Part Number	Part Description	Quantity
Highlander HV	04007-06448	EPS Kit	1
The kit above includes the following parts: 44200-48132 = EPS Assembly = Qty 1 95381-03220 = Clip = Qty 1			
Model	Part Number	Part Description	Quantity
Highlander HV	04007-68148	EPS Assy, Repair Kit	1
The kit above includes the following parts: 17451-22070 = Exhaust Pipe Gasket = Qty 1 90917-06089 = Exhaust Pipe Gasket = Qty 2 90917-06046 = Exhaust Pipe Gasket = Qty 1 90179-10070 = Nut = Qty 4			

B. Tools

- Standard tools and Torque wrench
- SST 09628-00011 **or** 09960-20010 (Ball Joint Puller) **or** equivalent
- Techstream

IV. BACKGROUND AND COMPONENTS

In certain '06 – '07 MY Highlander HV and '07 MY Camry HV, due to insufficient adhesion between the permanent magnets and the rotor of the EPS, the motor may gradually lose torque when the wheel is turned to the complete left or right position. If this condition occurs, customers may experience a noticeable gradual increase in the steering effort necessary at low speeds. This condition may be most perceptible when parking the vehicle.



V. WORK PROCEDURE

THIS WORK PROCEDURE IS TO BE PERFORMED BY A HV CERTIFIED TECHNICIAN ONLY. FOLLOW ALL NECESSARY HV SAFETY PRECAUTIONS DURING VEHICLE REPAIR.

THIS TI CONTAINS REPLACEMENT OF THE EPS ASSEMBLY FOR BOTH THE CAMRY HV AND THE HIGHLANDER HV. REFER TO THE FOLLOWING PAGES FOR VEHICLE SPECIFIC PROCEDURES:



- CAMRY HV - EPS ASSEMBLY REPLACEMENT PROCEDUREPAGE 3
- HIGHLANDER HV - EPS ASSEMBLY REPLACEMENT PROCEDUREPAGE 7

AFTER REPLACING THE EPS ASSEMBLY:

- CLEAR THE ROTATION ANGLE SENSOR CALIBRATION VALUE.
- INITIALIZE THE ROTATION ANGLE SENSOR.
- CALIBRATE THE TORQUE SENSOR TO THE ZERO POINT.
- INITIALIZE THE SFI SYSTEM.