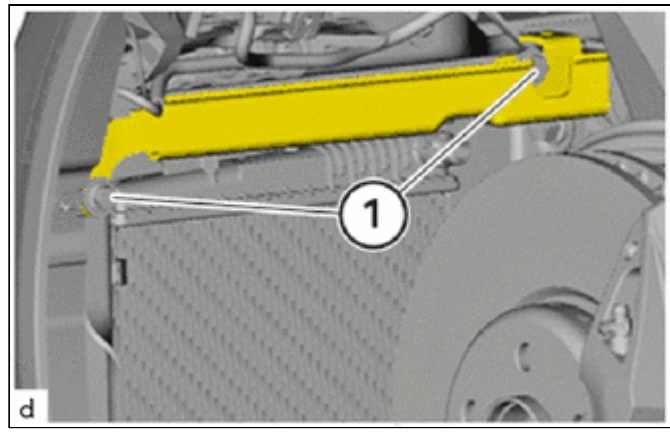


# Your Ultimate Source for OEM Repair Manuals

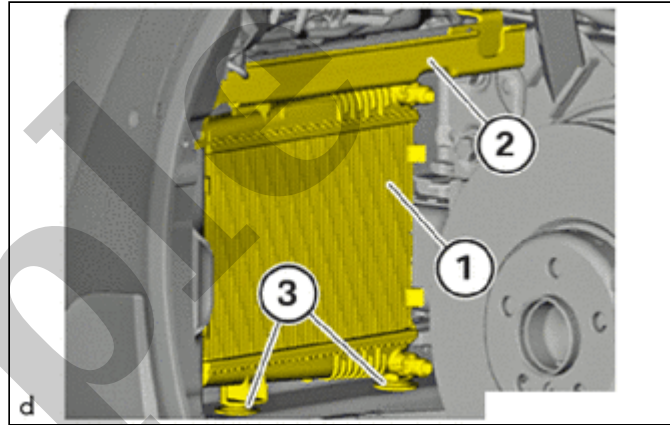
FactoryManuals.net is a great resource for anyone who wants to save money on repairs by doing their own work. The manuals provide detailed instructions and diagrams that make it easy to understand how to fix a vehicle.

## 2020 Toyota Highlander Service and Repair Manual

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(c) Remove the front bumper reinforcement support LH (2) to separate the sub radiator (1).

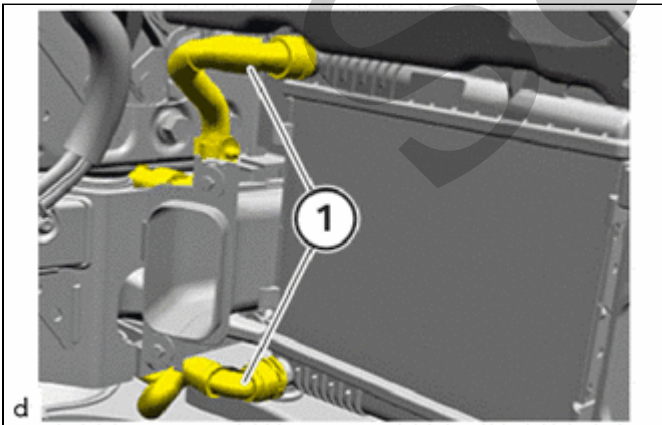


(d) Carefully remove the sub radiator support (3) from the body.

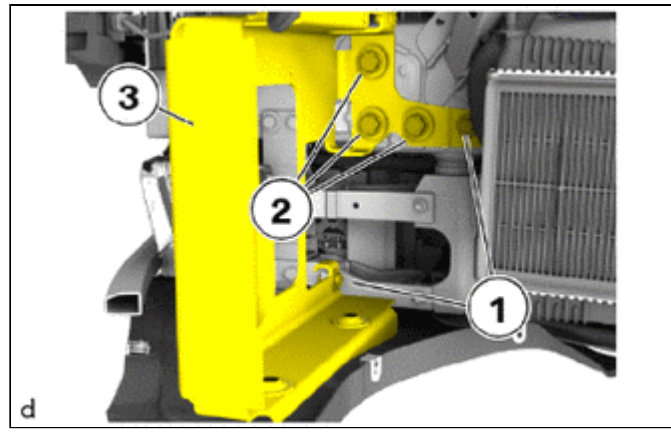
### 36. REMOVE SUB RADIATOR SUPPORT (for RH Side)

**NOTICE:**

Do not disengage the No.1 radiator hose (1) and radiator hose sub-assembly (1).



(a) Remove the T45 bolts (1).



(b) Using a deep socket wrench 18 mm, remove the 18 mm bolts (2) and front bumper reinforcement sub-assembly LH (3).

#### 40. REMOVE FRONT BUMPER REINFORCEMENT SUB-ASSEMBLY RH

**HINT:**

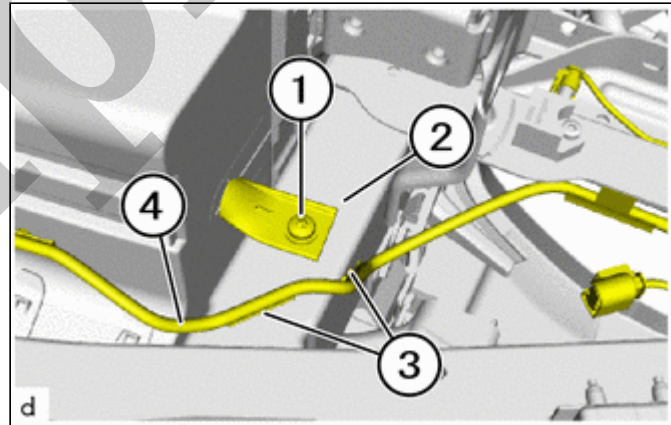
Use the same procedure as for the LH side.

#### 41. REMOVE FRONT BUMPER REINFORCEMENT

(a) Remove the T30 bolt (1) to disengage the radiator brace rod sub-assembly (2).

**HINT:**

Perform the operations on the left and right side.

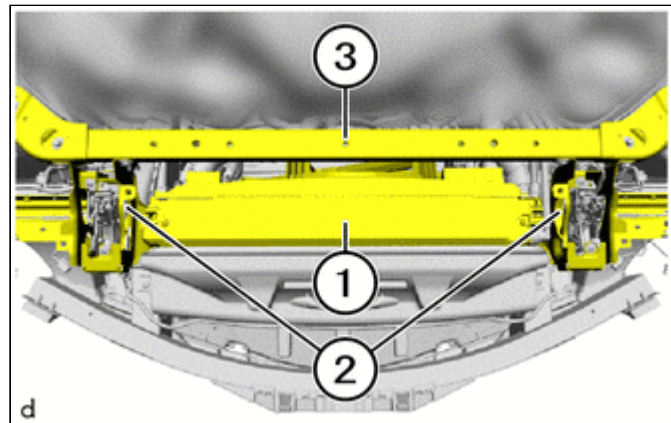


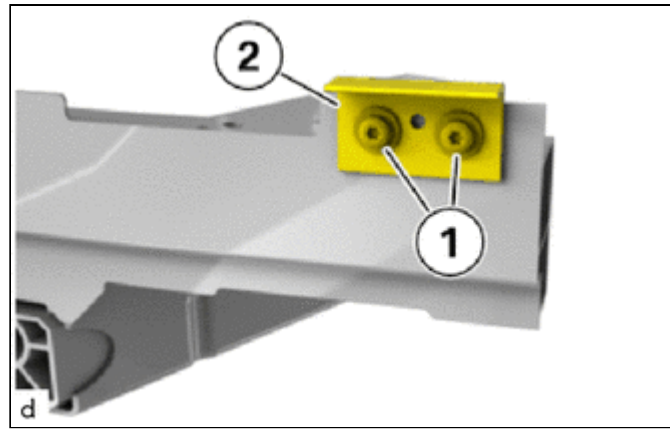
(b) Disengage the clamps (3) to disconnect the No. 4 engine room wire (4).

**HINT:**

Perform the operations on the left and right side.

(c) Secure radiator assembly (1) on the radiator support (2) and the upper radiator support sub-assembly (3) with suitable auxiliary materials.





#### 43. REMOVE AIR INTAKE DUCT LH

Click here [INFO](#)

#### 44. REMOVE AIR INTAKE DUCT RH

Click here [INFO](#)

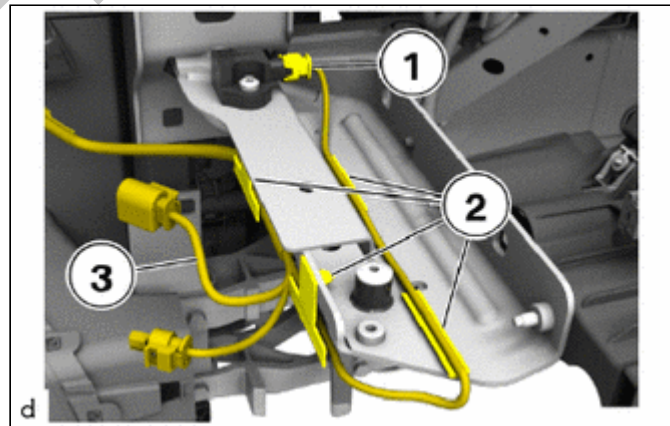
#### 45. REMOVE TEMPERATURE SENSOR ASSEMBLY

Click here [INFO](#)

#### 46. REMOVE NO. 1 COOL AIR INTAKE DUCT

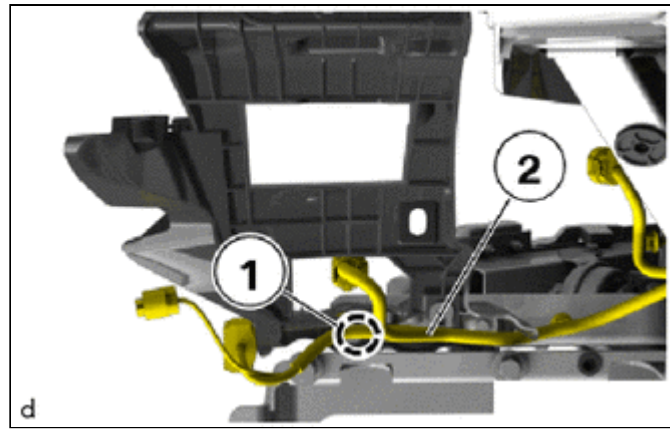
(a) w/ Airbag Sensor:

(1) Disconnect the connector (1).

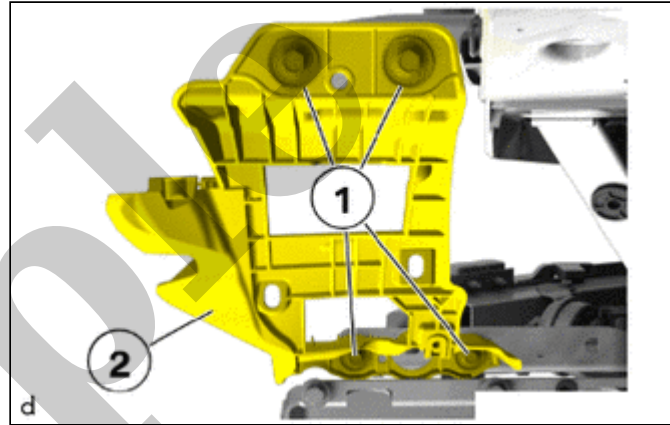


(b) Disengage the clamps (2) to disconnect the No. 4 engine room wire (3).

(c) Disengage the clamps (1) to disconnect the No. 4 engine room wire (2).



(b) Remove the bolts (1) and front bumper retainer LH (2).



#### 49. REMOVE FRONT BUMPER RETAINER RH

**HINT:**

Use the same procedure as for the LH side.

#### 50. REMOVE ENGINE HOOD COURTESY SWITCH (HOOD LOCK ASSEMBLY)

Click here [INFO](#)

#### 51. REMOVE HOOD LOCK ASSEMBLY

Click here [INFO](#)

#### 52. REMOVE AIR CLEANER ASSEMBLY

Click here [INFO](#)

#### 53. REMOVE INLET NO. 2 AIR DUCT

Click here [INFO](#)

#### 54. REMOVE AIRBAG SENSOR (w/ Airbag Sensor)

Click here [INFO](#)

#### 55. REMOVE RADIATOR SUPPORT LH

(a) Remove the bolts (1) and radiator support LH (2).