

Safety Recall Notice Service Bulletin 509057 Rev. A



631 West 11th Street • P.O. Box 310 • Winamac, IN 46996

(574) 946-4139 • 1-800-THE-LIFT • www.braunability.com

July 2019

NHTSA Recall #: Pending

Steering Shaft Extension Replacement

Applicable for 2019 Toyota Sienna Side Entry Vehicles
Manufactured February 20, 2019 to July 8, 2019.

Warranty Topics: Recall / 19TSESS / Replace Part

This service bulletin details replacement of the Toyota Sienna steering shaft extension.

Read instructions before beginning.

Kit Number: E90391RKS

Labor Time: 1 Hour

Tools Required

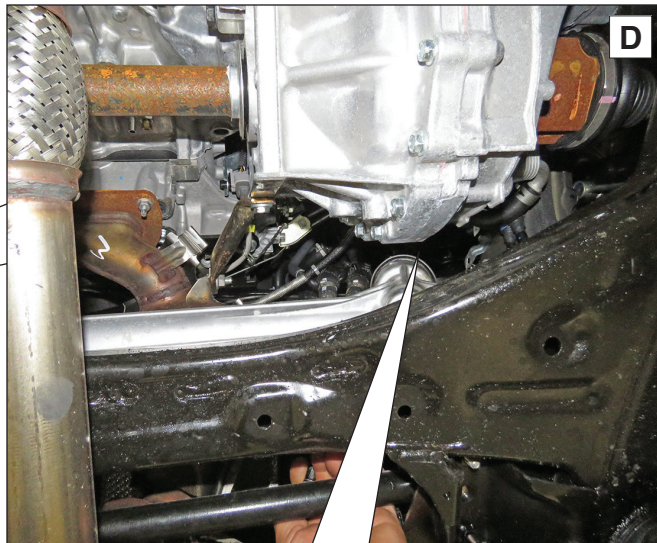
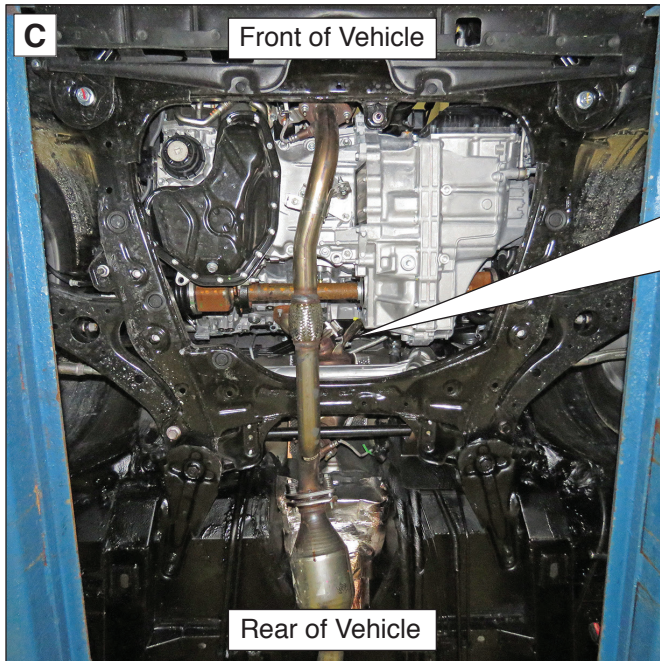
Torque Wrench (ft•lbs) • 12mm Socket • 13mm Socket • Ratchet Drive • Marker Pen



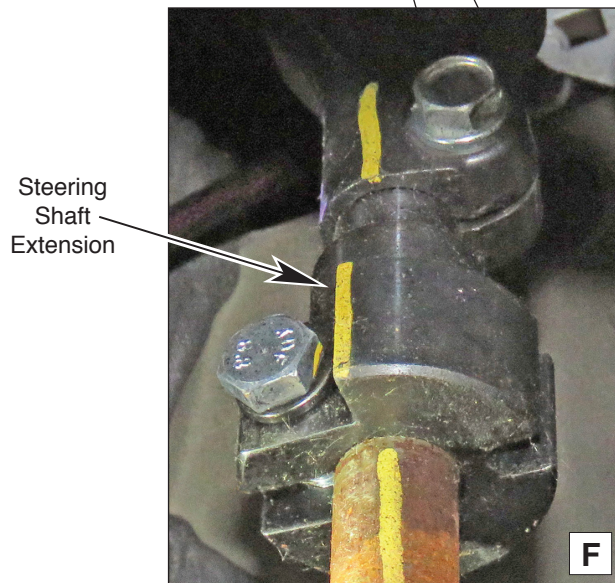
1. Turn front wheels and steering wheel to the straight position. See Photo A.
2. Turn steering wheel counterclockwise from straight to approximate position shown in Photo B.

Steering shaft extension is now positioned to access steering shaft extension mounting bolts.

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3. Locate steering shaft extension. See Photos C through F.

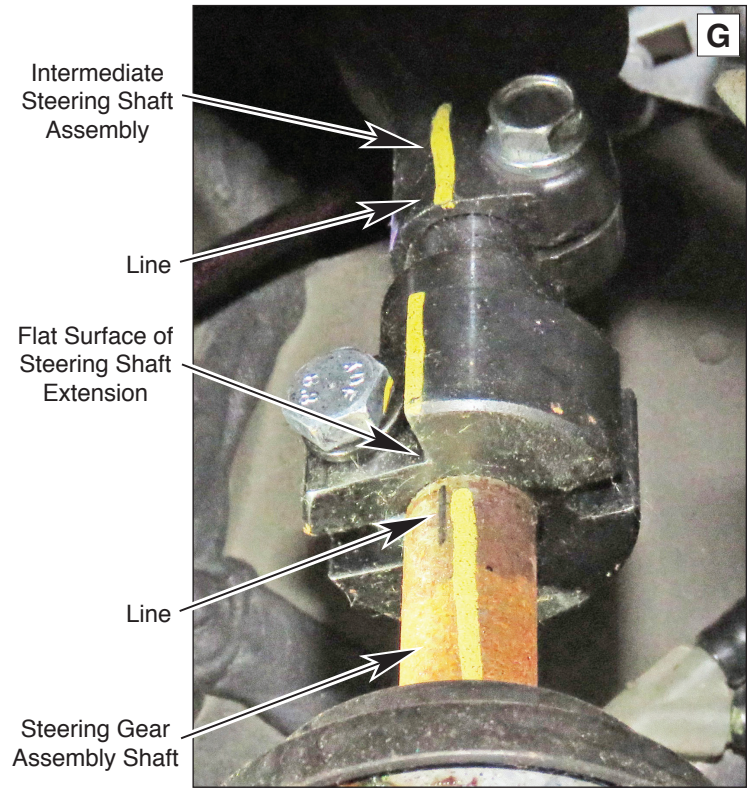


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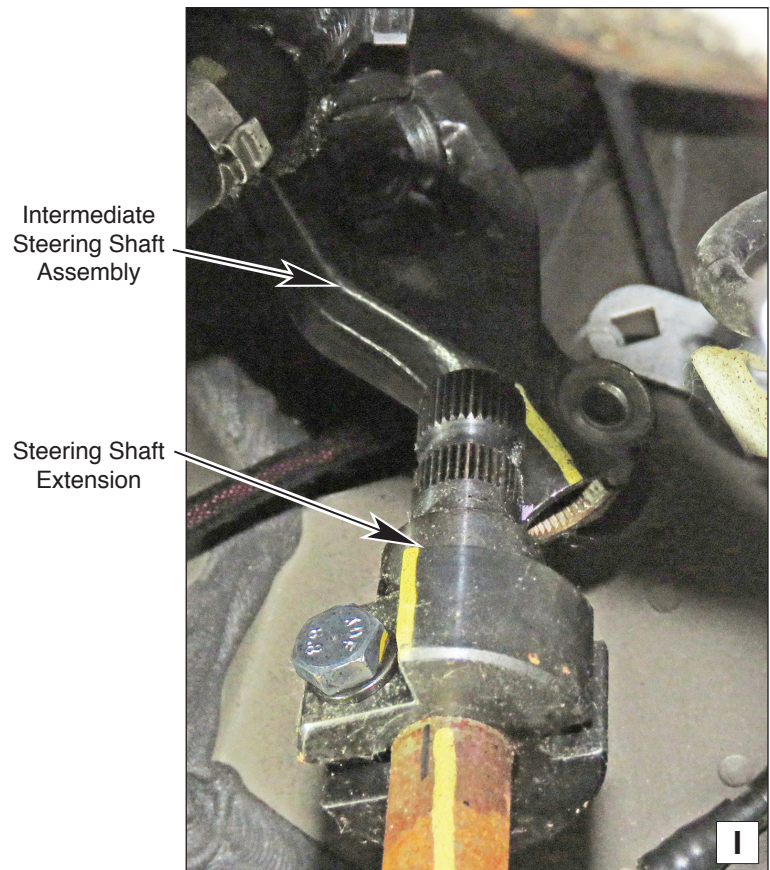
4. Draw a line on the Steering Gear Assembly Shaft and the Intermediate Steering Shaft Assembly, aligned with the flat surface of the steering shaft extension. See Photo G.

5. Remove and retain M8 bolt (12mm head) and lock nut shown in Photo H.

6. Disconnect intermediate steering shaft assembly from steering shaft extension by pushing intermediate steering shaft assembly upward. See Photo I.



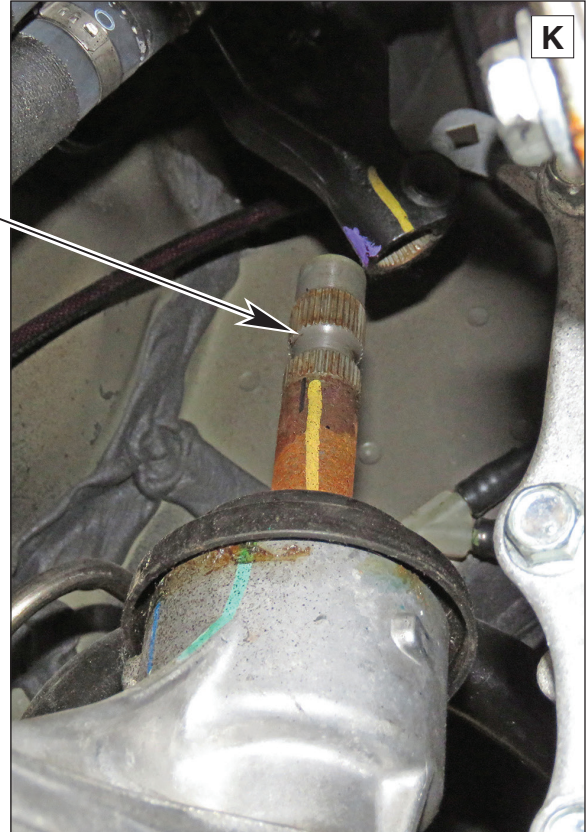
M8 Bolt (12mm Head) and Lock Nut



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M8 Bolt (13mm Head) and Lock Nut



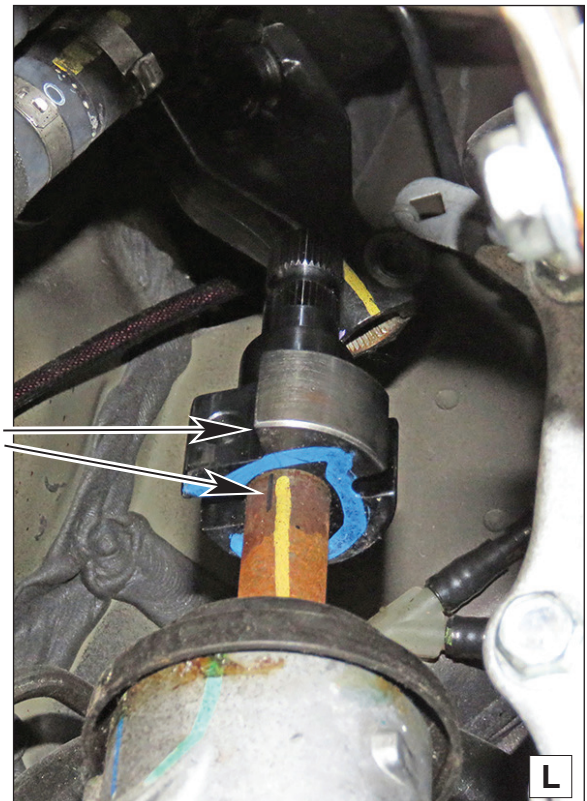
Steering Shaft Extension Removed

7. Remove and retain M8 bolt (13mm head) and lock nut shown in Photo J.

8. Remove and discard steering shaft extension. See Photos J and K.

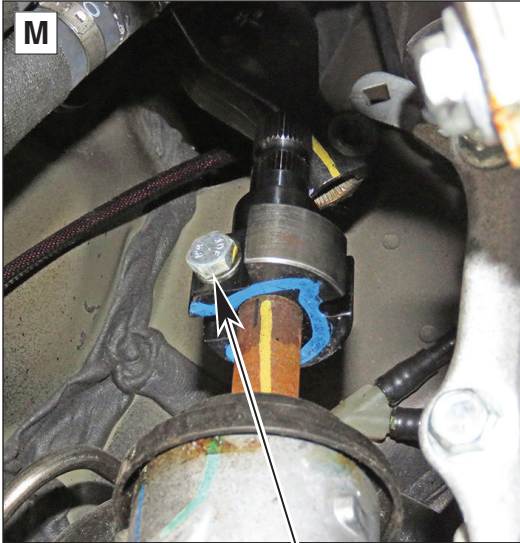
9. Install replacement steering shaft extension onto steering gear assembly shaft. Align flat surface of steering shaft extension with line on steering gear assembly shaft drawn in Step 4. See Photos G and L.

Note: The replacement steering shaft extension is marked with a blue witness mark as seen in Photo L.



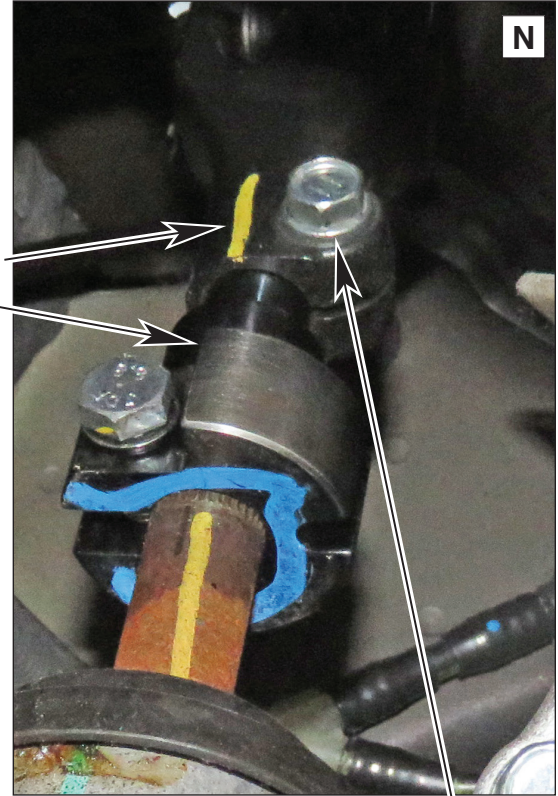
Line and Flat Surface of Steering Shaft Extension Aligned

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M8 Bolt (13mm Head) and Lock Nut

- Secure steering shaft extension to steering gear assembly shaft using M8 bolt (13mm head) and lock washer removed in Step 7. Torque to 19 ft•lbs. See Photos M and O.

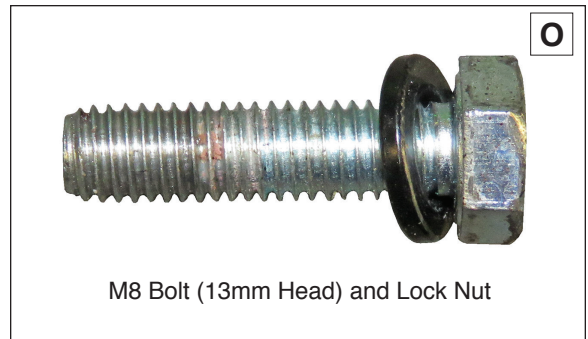


Line and Flat Surface of Steering Shaft Extension Aligned

M8 Bolt (12mm Head) and Lock Nut Through Intermediate Steering Shaft Assembly

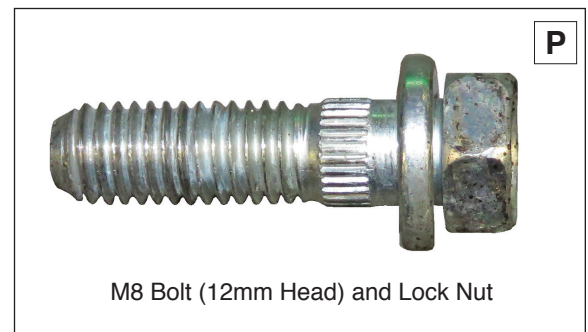
- Connect intermediate steering shaft assembly to steering shaft extension. Align flat surface of steering shaft extension with line drawn on intermediate steering shaft assembly in Step 4. See Photos G and N.

- Secure intermediate steering shaft assembly to steering shaft extension using M8 bolt (12mm head) and lock washer removed in Step 5. Torque to 19 ft•lbs. See Photos N and P.



M8 Bolt (13mm Head) and Lock Nut

- Ensure steering wheel is properly oriented in the "straight" position.



M8 Bolt (12mm Head) and Lock Nut

- Test drive and confirm proper operation.