



NUMBER: 08-074-20

GROUP: 08 - Electrical

DATE: August 10, 2020

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SUBJECT:

Improved Steering Feel

OVERVIEW:

This bulletin involves replacing the steering gear and updating the Electric Hydraulic Power Steering (EHPS) software, if required.

MODELS:

2018 - 2020	(JL)	Jeep Wrangler
2020	(JT)	Jeep Gladiator

NOTE: This bulletin applies to vehicles within the following markets/countries: North America, APAC, LATAM and EMEA.

SYMPTOM/CONDITION:

The customer may describe one or more of the following:

- Steering wander.
- Vehicle has a lead/pull to the right or left.

NOTE: The lead/pull will be more noticeable in hot ambient temperatures.

- Steering feels like it has excess play.

NOTE: This service bulletin repair will NOT correct a sustain steering shake, shimmy or vibration. If this repair is performed on a vehicle with those symptoms, that will cause a dissatisfied customer and a repeat visit to the dealer.

DIAGNOSIS:

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in DealerCONNECT/Service Library, verify all related systems are functioning as designed. If Diagnostic Trouble Codes (DTCs) or symptom conditions, other than the ones listed above are present, record the issues on the repair order and repair as necessary before proceeding further with this bulletin.

If the customer describes the symptom/condition listed above, perform the Repair Procedure.

PARTS REQUIRED:

Qty.	Part No.	Description
1 (AR)	68507569AA	Gear, Steering - Four Door, Left Hand Drive (JL)
1 (AR)	68507571AA	Gear, Steering - Two Door, Left Hand Drive (JL)
1 (AR)	68507576AA	Gear, Steering - Left Hand Drive (JT)
1	06506950AA	Bolt, I-Shaft
1	06513396AA	Bolts, Frame - Steering Gear (4 Bolts Per Package)
(AR)	68088485AB	Fluid, Electric Steering Pump

NOTE: The aluminum steering gear frame bolts will have two different size bolts. The new steel gear frame bolts will all be the same size.

REPAIR PROCEDURE:

1. Replace the steering Gear. Refer to the detailed service procedures available in DealerCONNECT>Service Library under: 19 - Steering / Gear / Removal and Installation.

NOTE: The steering gear frame bolts and I-shaft pinch bolt will need to be replaced with new bolts.

2. Check if the EHPS has the latest available software. Is the EHPS software up to date?
 - YES >>> Proceed to [Step 4](#).
 - NO >>> Proceed to [Step 3](#).
3. Reprogram the EHPS with the latest available software. Detailed instructions for flashing control modules using the wiTECH Diagnostic Application are available by selecting the application's "HELP" tab.
4. Check the vehicle's Sales Codes. Does it have Sales Code 5SY?
 - YES >>> Proceed to [Step 5](#).
 - NO >>> Proceed to [Step 6](#).
5. Remove Sales Code 5SY to the vehicle list. Go to DealerCONNECT > Service > Warranty Administration > Vehicle Option Update.
6. Is the vehicle a 2018 or 2019 JL?
 - YES>>> Proceed to [Step 7](#).
 - NO>>> Proceed to [Step 8](#).
7. Add Sales Code 70F to the vehicle list. Go to DealerCONNECT > Service > Warranty Administration > Vehicle Option Update.
8. Using wiTECH 2, perform "Restore Vehicle Configuration" routine. This routine can be found in Guided Diagnostics. Follow all screen prompts to complete this routine.
9. Clear any DTCs that may have been set in any module due to performing a Restore Vehicle Reconfiguration.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
19-00-01-9B	Steering Gear - Replace, Reprogram (EPS) Electric Power Steering, Includes Removing Sales Code 5SY and Restore Vehicle Configuration. (2 - Skilled)	6 - Electrical and Body Systems	1.9 Hrs.

OPTIONAL EQUIPMENT:

Labor Operation No:	Description	Skill Category	Amount
19-00-01-6D	3.0L Turbo Diesel Equipped (2 - Skilled)	6 - Electrical and Body Systems	0.2 Hrs.

FAILURE CODE:

ZZ	Service Action
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