



## Technical Service Bulletin

GROUP

CHASSIS

NUMBER

20-ST-002H

DATE

May, 2020

MODEL(S)

Elantra ADa

**SUBJECT:**

STEERING COLUMN & HOUSING NOISE

**Description:** A bearing noise may develop within the Motor Driven Power Steering (MDPS) column of the housing worm gear assembly. If bearing noise is heard, follow the procedure in this bulletin and if necessary, replace the steering column and housing.



**Applicable Vehicles:** Certain 2018-2020 model year Elantra (ADa, VINs starting with "5NPD" only) vehicles

### Parts Information:

PART NAME	PART NUMBER	QTY
Column & Housing Assembly	56390-F2820	1
Column & Housing Assembly	56390-F2501	1
Column & Housing Assembly	56390-F2201	1
Column & Housing Assembly	56390-F2850	1
Bolt (universal joint)	56415-3Q000	2
Bolt (universal joint)	56415-2H000	2
Bolt-Safety Lock*	81919-3Q000	2

**NOTE:** Please refer to the online parts catalog to verify the correct replacement parts.

\*Bolt-Safety Lock is only required for key start vehicles.

**Warranty Information:**

MODEL	OP CODE	OPERATION	OP TIME	CAUSAL PART	NATURE CODE	CAUSE CODE
Elantra (ADa)	00DA05R0	Replace Column and Housing Assy	1.5	56390-F2820	Q57	ZZ3

**NOTE1:** Submit Claim on Campaign Claim Entry Screen.

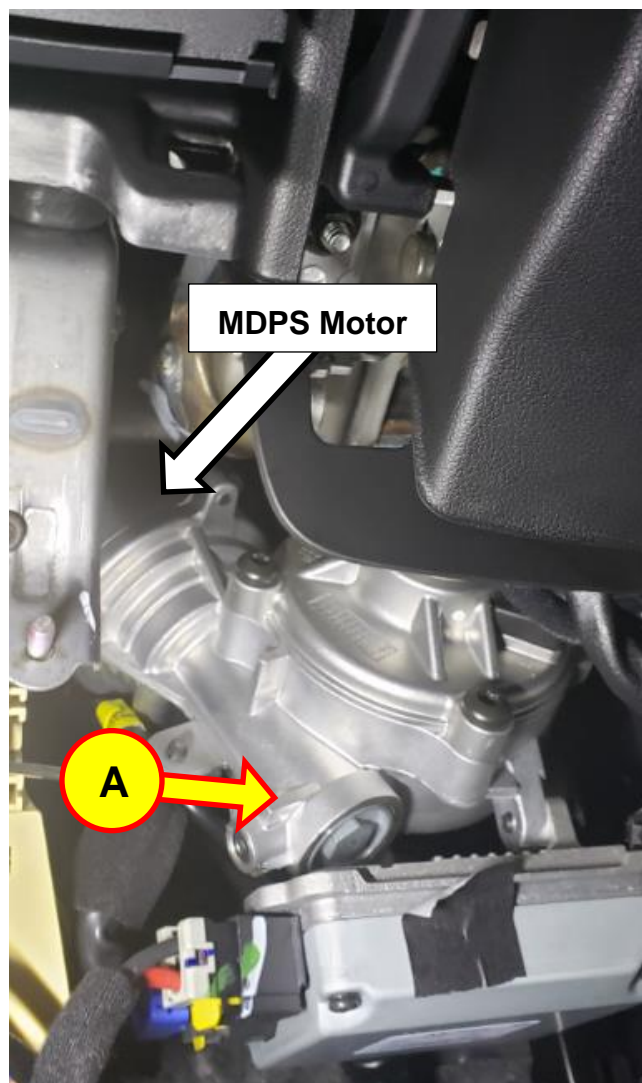
**NOTE2:** If a part is found in need of replacement while performing the repair for this TSB and the affected part is still under warranty, submit a separate claim using the same Repair Order. If the affected part is out of warranty, submit a Prior Approval Request for goodwill consideration prior to performing the work.

**Service Procedure:**

- How to determine MDPS column and housing bearing noise:
  - Start the engine and turn the steering wheel left and right.
  - Listen for the bearing noise occurring from the worm gear housing (A). This noise will be located near the MDPS motor on the steering column.
  - To hear an example of the bearing noise, refer to the link below.  
<https://youtu.be/ZCxFSskN-Rg>
- Replace the column and housing if the bearing noise is heard.

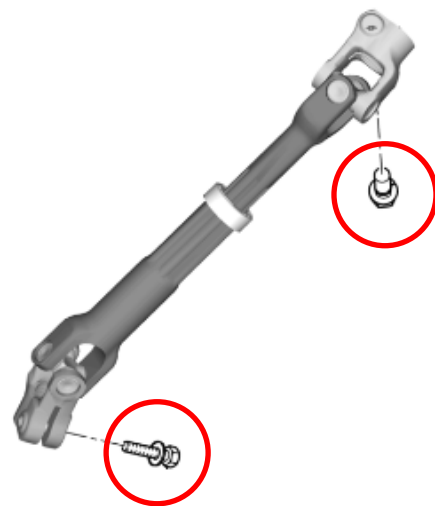
**NOTICE**

Refer to the shop manual for detailed diagnostic and repair service procedures.



**NOTICE**

If the pinch bolts on either ends of the steering universal joint assembly are removed, the bolts **cannot** be reused during reassembly.

**★ NOTICE**

***Refer to TSB 20-ST-001H (or current TSB related to partial MDPS Repairs) for additional information.***

***Refer to the shop manual for detailed diagnostic and repair service procedures.***