



HYUNDAI

Technical Service Bulletin

GROUP AUTOMATIC TRANSMISSION	NUMBER 23-AT-002H
DATE MAY, 2023	MODEL(S) VELOSTER N (JSN) SANTA FE (TMA) SONATA (DN8a) SANTA CRUZ (NXT) KONA N (OSN) ELANTRA N (CN7N)

SUBJECT: 8-SPEED WET DCT PREVENTION OF MOISTURE INTRUSION INTO HF EOP CONNECTOR

Description: This bulletin provides service procedures to prevent possible moisture intrusion of the HP EOP (High Flow Electric Oil Pump) connector when servicing the 8-speed wet dual clutch transmission (8WDCT). If moisture enters the HF EOP connector, this can result in corrosion and insufficient connection of the terminals.

Applicable Vehicles:

- 2021MY ~ Veloster N (JSN) 2.0T
- 2021MY ~ "5NM" Santa Fe (TMA) 2.5T
- 2021MY ~ "5NP" Sonata (DN8a) 2.5T N-Line Trim
- 2022MY ~ Santa Cruz (NXT) 2.5T
- 2022MY ~ Kona N (OSN) 2.0T
- 2022MY ~ Elantra N (CN7N) 2.0T

Service Precautions:

1. Make sure to use the dust cover on the HF EOP connector when servicing the DCT. Reuse the dust cover if replacing the DCT (for both new and remanufactured).



i Information

- If the dust cover is unavailable, use vinyl or an alternative cover.

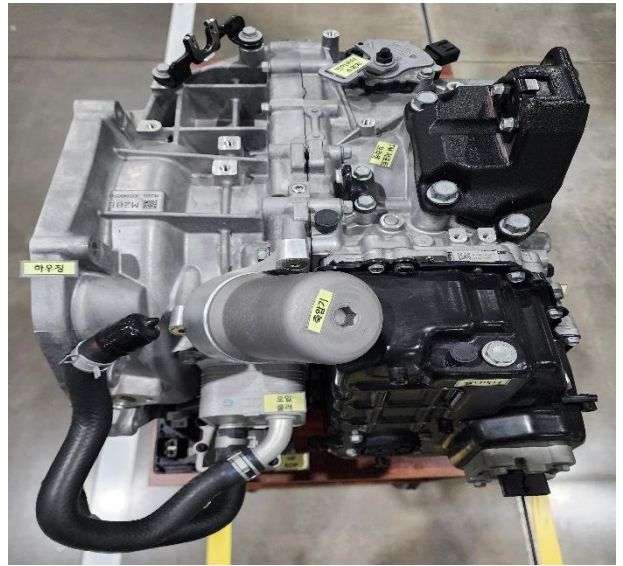
2. When reassembling the DCT, use a pneumatic air blower gun to remove any moisture/oil residue/foreign material in the connector.



3. When connecting the 6-pin connector, recheck it to ensure it is properly seated.



Top view



Side view

