

This Pitstop provides information to perform variant coding on some 2018-2023MY Stinger (CK) vehicles, after replacement of an MDPS and/or EPS unit. <u>The selections on KGIS do not match those on the KDS</u>. Follow the procedure below to perform variant coding on a newly replaced MDPS and/or EPS unit.

KGIS:		KDS:	
Instructions state to perform		No option for "ESP Type", only	
"ESP Type Recognition"		"MDPS Tuning Data Setting (Backup and Write)"	
	S/W Management 🔷	-	
• ESP Type Recognitio	n	Motor Driven Power Steering	(
Purpose	To load accurate EPS type into Electric Power	System Identification	
	Steering(EPS) ECU.	Steering Angle Sensor(SAS) Calibration	
Enable Condition	1.Engine Off 2.Ignition Switch On	 Part replacement (Power steering motor) 	
Concerned	Electric Power Steering(EPS) ECU	Part replacement (Power steering ECU)	Ξ
Component	01700	MDPS Tuning Data Setting(Backup and Write)	Ξ
Concerned DTC	G1702	Set the steering feel torque to zero	
Fail Safe	Warning Lamp On		

Using KDS:

- Select 'MDPS Tuning Data Setting (Backup and Write)'.
- 2. Select 'OK'.
- Follow the prompts to the specification setting, then select 'C2'.
- This will take you to the Variant Coding screen where you can select the correct vehicle specifications.



Part replacement (Power steering motor)

Part replacement (Power steering ECU)
 MDPS Tuning Data Setting(Backup and Write)

5. Complete Variant Coding.

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