



## Service Campaign 953 Dealer Best Practice

Date: September 26, 2019

Attn: Dealer Principal/General Manager/Service Manager/Parts Manager

Subject: Service Campaign 953: ECM & Cluster Update (TSB #19-01-002H-2 supersedes TSB#19-01-002H-1) – UPDATED v11

<u>Updates To This Document</u>	<u>Date</u>
<ul style="list-style-type: none"> <li>Update: Reference to updated TSB #19-01-002H-2 and updates the ECM software on 15-18MY Sonata, 13-18MY Santa Fe Sport, 14-15MY and 18MY Tucson.</li> </ul>	09/26/19

### \*\*\*IMPORTANT Retail Vehicles\*\*\*

Dealers must perform this Campaign on all affected vehicles whenever an affected vehicle is in the shop for any maintenance or repair.

### Affected Vehicles

Hyundai has launched a Product Improvement Campaign to perform a knock sensor software update on applicable vehicles.

The affected vehicles include:

- Certain 2011-2014 MY Sonata (YF) vehicles with 2.0L Turbo and 2.4L engines
- Certain 2015-2018 MY Sonata (LF) vehicles with 2.0L Turbo and 2.4L engines
- Certain 2013-2018 MY Santa Fe Sport (AN) vehicles with 2.0L Turbo and 2.4L engines
- Certain 2014-2015 MY Tucson (LM) vehicles with 2.4L engines
- Certain 2018 MY Tucson (TL) vehicles with 2.4L engines

Hyundai is initiating this action to ensure the safety and quality of its vehicles and the continued satisfaction of Hyundai customers.

### Description

Hyundai has developed a new engine monitoring technology called a Knock Sensor Detection System (KSDS). The technology uses software innovations and leverages existing engine sensors to continuously monitor for symptoms that may precede an engine failure. Watch this [video](#) to learn more.

The KSDS software continuously monitors engine vibrations for unusual patterns that develop as an engine connecting rod bearing wears abnormally that could later cause engine seizure. If vibrations caused by bearing wear start to occur, the malfunction indicator lamp will blink continuously, an audible chime will sound and the vehicle will be placed in a temporary engine protection mode with reduced power and acceleration. At that time, Diagnostic Trouble Code (DTC) P132600 will be recorded in the ECM.

In addition, Hyundai will extend the warranty to 10 years and 120,000 miles (up from 100,000 miles) for original and subsequent owners of the covered vehicles for engine repairs needed because of excessive connecting rod bearing damage.

### Service Action



**Reservation** – Always check the Vehicle Information Screen in WebDCS for open campaigns and recalls, and advise the customer on time requirements.

- As this is a high volume campaign, make sure to check your appointment reservation settings and verify customer information. This will help reduce unplanned work and speed up the customer check in process.
- Make sure to review Blue Link alerts with DTC P132600 and reach out accordingly.
- Provide customer with transportation options such as SRC or alternative vehicle.
- When a customer's vehicle is eligible for 953, please explain: *"Hyundai developed a new engine monitoring technology that uses software innovations and existing engine sensors to continuously monitor for symptoms that*



*may precede an engine failure. Your vehicle is eligible for this product improvement campaign at no cost, may I add it to your service order today?"*

- If the customer declines, please follow up: *"We can schedule the procedure at a better time for you. When would that be?"*
- For more detailed talk tracks, refer to the appendix section on page 8 (also available on the Engine Support Page found on [Hyundaidealer.com](http://Hyundaidealer.com)).



**Readiness** – Review this announcement and the accompanying FAQs with all Service and Parts staff including Reservationist/BDC. Also, complete all applicable training, check your reservation capacity settings (you can set separate capacities for every recall/campaign), confirm email addresses for campaign appointments, and that you have all necessary tools, campaign parts and shop equipment as needed.

- This campaign can be completed quickly and does not require a hoist.
- Dealers should consider a workspace that offers the technicians the appropriate vehicle and Wi-Fi access that also ensures high frequency completion rates.
- Prepare for unplanned work and make sure there is sufficient staff on the service drive to keep vehicles moving through the shop.



**Reception** – Always check the Vehicle Information Screen in WebDCS for open campaigns and recalls, and print a copy for technicians. Provide SRC or an alternative vehicle, as needed. If a customer has declined the campaign, note this on the repair order and request the customer's signature next to the statement.

- When a customer's vehicle is eligible for 953, please explain: *"Hyundai developed a new engine monitoring technology that uses software innovations and existing engine sensors to continuously monitor for symptoms that may precede an engine failure. Your vehicle is eligible for this product improvement campaign at no cost, may I add it to your service order today?"*
- If the customer declines, please follow up: *"We can schedule the procedure at a better time for you. When would that be?"*
- For more detailed talk tracks, refer to the appendix section on page 8 (also available on the Engine Support Page found on [Hyundaidealer.com](http://Hyundaidealer.com)).



**Repair** – Always plug in the GDS before starting the repair. Make sure to complete an MPI on all vehicles and Quality Control your work.

- Perform any open Recalls prior to performing Service Campaign 953.
- TSB #19-01-002H-2 (supersedes TSB#19-01-002H-1) provides vehicle service procedures, affected VIN production range, and warranty claim information.
- **Important:** A Wire interference inspection has been added to the service procedure starting on page 16 of TSB #19-01-002H-2. Always check the latest TSB for the most up to date service procedures and follow accordingly.
- **Important:** Once you have completed the new wire interference inspection, please submit the claim for 953.
  - If the Wire interference inspection result is 'NOT OK' follow the "Wire Harness Extension" procedure in Campaign T3G (TSB 19-01-006H-2). You **DO NOT** have to open a new RO for Campaign T3G, please open a new line on the existing RO and submit the claim for 953.
  - If 953 was previously completed on the VIN and required an additional ECM update, HMA will support the submission of an additional 953 claim even if it is no longer an open campaign on the VIN.
- Use Greeters, Porters and Service Consultants to bring vehicles to Technicians to make it easier for them to stay working in the bay.
- Make sure to verify the in-vehicle service interval reminder is set after completing Service Campaign 953. Refer to TSB#19-EM-002H and the Service Interval Reminder Dealer Best Practices in the appendix of this document (also found on the Engine Support Page on [HD.com](http://HD.com)) for instructions.



**Return** – Review all completed campaign and repairs to answer any customer questions. Also, schedule the customer's next service.

- It's important to explain to each customer during the return step of the service process what happens with their vehicle if **abnormal engine bearing noise is detected**. If the customer experiences a flashing MIL and restricted performance, let them know they should return to the dealership to have the condition addressed by a subsequent campaign (T3G) or available warranty. **No diagnostic fee should be charged if the customer returns with a**



**Hyundai**  
Assurance Car Care



check engine light on and describes engine protection mode.

- In the event DTC code P132600 is set **after the campaign software update is performed**, refer to TSB# #19-01-006H-2 for campaign T3G to inspect the vehicle and install a wire harness extension or replacement engine based on the inspection results.
- Please note: The DTC code may not set until vehicle is test driven through a normal drive cycle.
- Campaign T3G will not show as an open campaign in WebDCS and is for warranty claim submission purposes, or alternative vehicle.
- If the engine needs to be replaced, place the customer into a Service Rental Car (SRC) or alternate vehicle.  
**All SRC or Rental claims will be reimbursed regardless of PA's decision to cover the engine replacement.**



**Reconnect** – Follow up for customer satisfaction.

- HMA have sent reminder communications to customers that have not had Campaign 953 completed (2019 model year vehicles on the affected vehicles list are TBD). Please follow-up with your DPSM for the most current Campaign 953 Incomplete VIN list.

### Parts

This campaign is a software update only. In the event any parts are needed, please proceed with ordering OE parts as outlined in the corresponding TSB(s).

### Customer Notification

Hyundai has notified all owners of the vehicles described above and strongly encourage them to return their vehicles to their Hyundai dealers for the service procedure as soon as possible.

Thank you for your prompt attention to this important matter and continued commitment to Hyundai customers.

Hyundai Motor America



## Engine Software Update Product Improvement Campaign Q&A

### Q: What is this Product Improvement Campaign?

A: Hyundai has recently developed a new engine monitoring technology called a knock sensor detection system as an added layer of protection from engine damage. The technology uses software innovations and leverages existing engine sensors to continuously monitor for symptoms that may precede an engine failure. The software update is being performed by Hyundai dealers free of charge to customers as part of a Product Improvement Campaign.

In addition, Hyundai will extend the warranty to 10 years and 120,000 miles (up from 100,000 miles) for original and subsequent owners of the covered vehicles for engine repairs needed because of excessive connecting rod bearing damage. This extended warranty will be automatically applied to the covered vehicles.

### Q: What vehicles are covered by this Product Improvement Campaign?

A: This Product Improvement Campaign covers 2011-2018 model year Sonata and 2013-2018 Santa Fe Sport vehicles equipped with 2.4L GDI and 2.0L Turbo GDI engines and 2014-15 and 2018 model year Tucson vehicles with 2.4L engines.

### Q: Why is Hyundai conducting this product improvement campaign?

A: Hyundai is conducting this product improvement campaign to ensure the satisfaction of its customers and provide additional warranty protection. The knock sensor detection system being installed is able to alert customers at an early stage of bearing wear before the occurrence of severe engine damage. This will allow customers to get their vehicle to a Hyundai dealer for repair.

### Q: Do I need the Product Improvement Campaign performed on my vehicle?

A: Hyundai strongly encourages customers bring their vehicles in to their Hyundai dealer for the free software update as soon as possible. The software is designed to alert the vehicle driver at an early stage of bearing wear before the occurrence of severe engine damage, including engine failure, and enable the customer to safely drive their vehicle to a Hyundai dealer for inspection and repair.

### Q: How long will it take for the software update?

A: The software installation should take less than one hour. However, it is always suggested that customers contact their local Hyundai dealer to schedule a service appointment. The dealer can advise on the actual time needed for the procedure.

### Q: What will happen if the knock sensor detects Bearing Wear?

A: If excessive bearing wear is detected after the knock sensor detection system software update has been completed, the following will occur:

1. **The Malfunction Indicator Lamp (MIL) will blink continuously**, an audible chime will sound and the vehicle will be placed in a temporary engine protection mode with reduced power and acceleration.



Malfunction Indicator Lamp (MIL)

2. **The vehicle can continue to be operated for a limited time in Engine Protection Mode to permit the customer to drive the vehicle to a safe location, but it will accelerate slowly and have a reduced maximum speed.** Engine RPMs will be limited to approximately 1800-2000 RPM. This means the maximum vehicle speed will be limited to approximately 65 mph or less depending on vehicle loading and road conditions.

### Q: If the knock sensor is activated and bearing wear is identified, what is the repair that will take place?

A: Hyundai dealers will inspect, and if necessary, replace the engine.

### Q: Will other Hyundai vehicles get this update?

A: Hyundai is currently evaluating the deployment of the knock sensor detection system in additional vehicles and model years as part of ongoing technology and software innovations.

### Q: When will owners be notified?



**A:** Models on the affected vehicles list have been notified. Customers can contact their Hyundai dealer to schedule an appointment or visit [www.HyundaiUSA.com/campaignhome](http://www.HyundaiUSA.com/campaignhome).

**Q: What if I have already paid for related engine repairs?**

**A:** Hyundai has a Reimbursement Program in place if you previously had any repairs or expenses related to this Product Improvement Campaign. Submit a request for reimbursement online at [www.HyundaiUSA.com/campaignhome](http://www.HyundaiUSA.com/campaignhome).

## 2011-2014 Sonata and 2013-2014 Santa Fe Sport Only Additional Q&A

**Q: What is the difference between the previous engine recalls and this Product Improvement Campaign?**

**A:** Hyundai previously recalled certain 2011-2014 Sonata and 2013-2014 Santa Fe Sport vehicles equipped with 2.0 liter and 2.4 liter gasoline direct injection engines to inspect, and if necessary, replace the engine assembly.

In addition, Hyundai has recently developed a new engine monitoring technology called a knock sensor detection system as an added layer of protection from engine damage. The technology uses software innovations and leverages existing engine sensors to continuously monitor for symptoms that may precede an engine failure. The software update is being added to vehicles beyond the recalled population as a preventive measure, and is being performed free of charge by Hyundai dealers to customers as part of the Product Improvement Campaign.



Key Contact Information		
Dealer Support	Contact Information	Description
Parts	HyundaiPartsHotline@MobisUSA.com 1-800-545-4515	Parts ordering hotline
Techline	1-800-325-6604	Vehicle Technical Support for Hyundai Dealer Technicians
Warranty HELPREPLine	1-877-446-2922	Warranty Claim questions for Hyundai Dealers
Warranty Prior Approval (PA) Center	1-844-371-3808	Warranty Prior Approval (PA) Center for Hyundai Dealers
Xtime Technical Support	Support@xtime.com 1-866-984-6355	Assistance with Car Care Scheduling: <ul style="list-style-type: none"> <li>Appointment / Shop Capacity Management / Campaign Integration / Operation Codes</li> </ul>
AutoLoop Technical Support	<a href="mailto:Support@autoloop.com">Support@autoloop.com</a> 1-877-850-2010	Assistance with Car Care Scheduling: <ul style="list-style-type: none"> <li>Appointment / Shop Capacity Management / Campaign Integration / Operation Codes</li> </ul>
CDK Technical Support	<a href="https://serviceconnect.support.cdk.com/">https://serviceconnect.support.cdk.com/</a>	Assistance with Car Care Scheduling: <ul style="list-style-type: none"> <li>Appointment / Shop Capacity Management / Campaign Integration / Operation Codes</li> </ul>
Customer Support	Contact Information	Description
Hyundai Customer Care Center (Recall/Campaign Questions)	1-855-671-3059	Customer questions or concerns related to <b>recall or service campaigns</b>
Hyundai Recall /Campaign Website	<a href="http://www.hyundaiusa.com/recall">www.hyundaiusa.com/recall</a>	Updated information related to the specific recall or service campaign
Hyundai Customer Care Center (General Questions)	1-800-633-5151	Customers general questions, <u>non-campaign related</u>
Hyundai Roadside Assistance	1-800-243-7766	Hyundai Roadside Assistance

Key Reference Information	
Name	Source
Campaign Central	Consolidated repository of recall and service campaign dealer best practices. Located on the service tab homepage in <a href="http://www.HyundaiDealer.com">www.HyundaiDealer.com</a>
Car Care Scheduling (Xtime) - Tutorials	<a href="http://www.HyundaiDealer.com">www.HyundaiDealer.com</a> > Service > Dealer Resources > Documents Library > Car Care Scheduling
Car Care Scheduling (Xtime) - Recall Appointment Notification	<ol style="list-style-type: none"> <li>Log into Xtime</li> <li>Under the menu at the top left, select 'CONFIGURE'</li> <li>Under the dealership tab, click "EMAIL COMMUNICATION"</li> <li>Slide the toggle to "ADVANCED"</li> <li>Populate as many e-mails as desired in the "PARTS DESK EMAIL FIELD"</li> </ol>
Parts – Campaign Parts Management (CPM) Procedure	As applicable; <a href="http://www.HyundaiDealer.com">www.HyundaiDealer.com</a> > Parts > Documents Library > Campaign Parts Management
Service Rental Car (SRC) Program	<a href="http://www.HyundaiDealer.com">www.HyundaiDealer.com</a> > Service tab > SRC Fleet Mgmt Software
Technical Service Bulletin (TSB)	<a href="http://www.HyundaiDealer.com">www.HyundaiDealer.com</a> > Service tab > Hyundai Tech Info
Uncompleted Campaign VIN Listing	A listing of vehicles is located on WEBDCS> SERVICE tab> select UNCOMPLETED CAMPAIGN VIN LISTING – Dealer Stock (New, SRC, CPO, etc.) and Retailed.
Recall Campaign Website	<a href="http://www.hyundaiusa.com/recall">www.hyundaiusa.com/recall</a>
NHTSA Website	<a href="http://www.safercar.gov">www.safercar.gov</a>



## Appendix

Updates To Previous Versions of this Document	Date
<ul style="list-style-type: none"> <li>Update: Clarified SRC information in the "Return Process".</li> </ul>	03/15/19
<ul style="list-style-type: none"> <li>Update: Added Extended Warranty Coverage to description, details to Service Actions and updated FAQs. "Limp Home Mode" is now referred to as "Engine Protection Mode". Updated TSB reference for Campaign 953 and T3G.</li> </ul>	02/15/19
<ul style="list-style-type: none"> <li>Update: Added verbiage to include "Contact Warranty Prior Approval (PA)" if DTC Code P132600 is set and Campaign T3G is not applicable. Updated template.</li> </ul>	01/17/19
<ul style="list-style-type: none"> <li>16-18MY Sonata, 16-18MY Santa Fe Sport, 14-15MY and 18MY Tucson vehicles added to Service Campaign 953. Updated TSB#19-01-002 supersedes TSB#18-01-027-2.</li> </ul>	01/10/19
<ul style="list-style-type: none"> <li>2011-2014 Sonata and 2013-2014 Santa Fe Sport only: In the event DTC code P132600 is set after Service Campaign 953 is performed: Down vehicle and provide SRC.</li> </ul>	12/17/18
<ul style="list-style-type: none"> <li>Update: 2015 Santa Fe Sport vehicles repair process outlined for each model and model year in the event DTC code P132600 is set after Service Campaign 953 is performed</li> </ul>	12/12/18
<ul style="list-style-type: none"> <li>2011-2014 Sonata and 2013- 2014 Santa Fe Sport vehicles added to Service Campaign 953.</li> <li>Repair process outlined for each model and model year in the event DTC code P132600 is set after Service Campaign 953 is performed</li> </ul>	12/07/18
<ul style="list-style-type: none"> <li>2015 Santa Fe Sport vehicles added to Service Campaign 953.</li> </ul>	11/08/18
<ul style="list-style-type: none"> <li>2015 Sonata only: In the event DTC code P132600 is set after Service Campaign 953 is performed, refer to TSB #18-01-032 (campaign T3G) for the service procedure and Special Service Tools information.</li> </ul>	10/17/18
<ul style="list-style-type: none"> <li>2015 Sonata only: Initial communication to dealers.</li> </ul>	08/09/18



## Appendix

### Service Consultant Talk Tracks for Campaign 953

#### **You are eligible for a new Product Improvement campaign!**

*“Hyundai has developed new engine monitoring technology that uses software innovations and existing sensors to proactively monitor engine performance. If an abnormality is detected, the vehicle is put into “engine protection mode” to prevent further engine wear. This software update is available free of charge as part of a Product Improvement Campaign, and only takes about 30 minutes to complete. Can I add that to your service order today?” (If not, when would be a good time to schedule this update?)*

#### **I received a letter in the mail, what is Service Campaign 953?**

*“Hyundai has developed innovative new software that utilizes an existing engine sensor to detect abnormal engine performance. If detected, the vehicle is put into an “engine protection mode” to prevent further engine wear. Service Campaign 953 will apply this software update to qualified Sonata, Santa Fe Sport, and Tucson vehicles free of charge to customers as part of a Product Improvement Campaign.”*

#### **What happens if my vehicle goes into “Engine Protection Mode”?**

*“The newly updated software continuously monitors the engine for vibration patterns that could indicate unusual parts wear. In the rare instance that this occurs, the check engine light will illuminate, an audible chime will sound, and the vehicle will be placed into a temporary “engine protection mode.” This “engine protection mode” limits vehicle speed to 65 mph or less depending on vehicle load and road conditions. This is still sufficient to drive to the nearest Hyundai dealer for diagnosis. Alternatively, if your vehicle is less than 5 years old, you can call Hyundai Roadside Assistance at 1-800-243-7766.”*

#### **What should I expect when I bring my vehicle in with “Engine Protection Mode”?**

*“If your vehicle goes into “Engine Protection Mode,” the dealership will diagnose the check engine light under warranty. If the diagnosis requires an engine replacement, a Service Rental Car (SRC) or alternative transportation will be provided to you at no cost.”*

#### **I already had an engine recall performed on my vehicle, do I still need this?**

*“Hyundai strongly encourages customers to bring their vehicles in to the dealer for the free software upgrade. Hyundai previously recalled certain 2011-2014 Sonata and 2013-2014 Santa Fe Sport vehicles to inspect, and if necessary, replace the engine. Hyundai developed this new software update as an added layer of protection to deliver an early warning to the driver.”*



## Service Interval Reminder Best Practice Guide

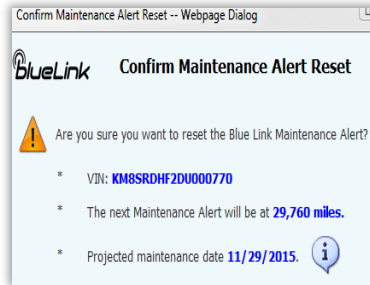
### What is the Service Interval Reminder?

It is a reminder that informs the customer of an upcoming service due. Three of the most common reminders that you will see are:

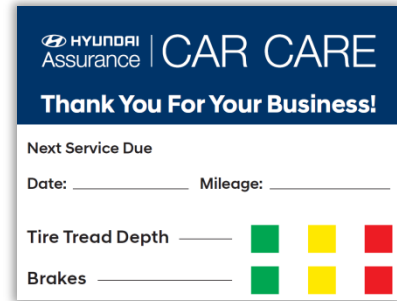
- Instrument cluster and touch screen navigation display programmed mileage and time intervals (A)
- BlueLink Alert (B)
- Maintenance Sticker (C)



(A)



(B)



(C)

[Click here](#) to see a short video on how to set the service interval light in the new Hyundai Palisade

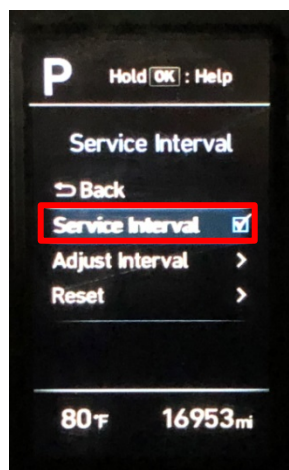
### How to Reset the Service Interval Reminder

#### Instrument Cluster

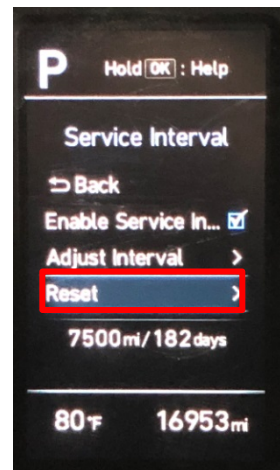
1. Press on mode button from the steering wheel
2. Scroll to service interval section
3. Click on "reset"
4. When prompted "Reset time and distance", click on yes
5. Verify mileage and months have been updated



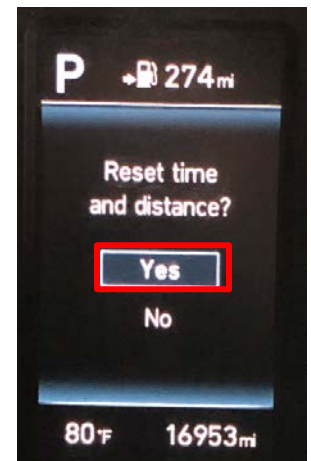
Step 1



Step 2



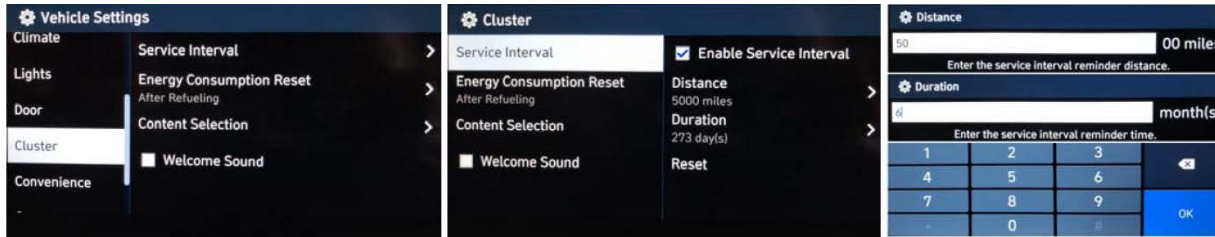
Step 3



Step 4

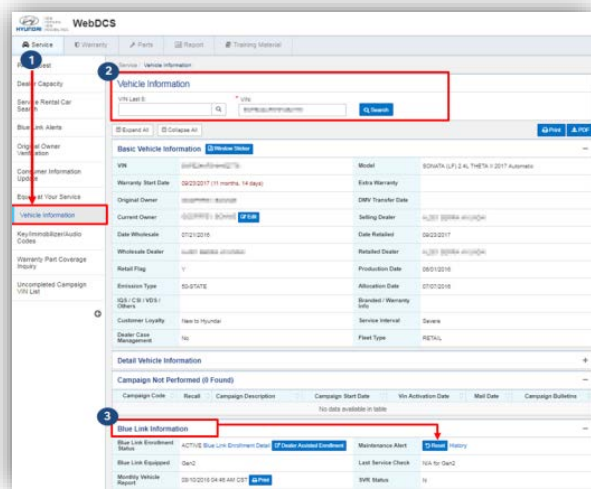


1. Press the **Setup** button on the control panel and then select **Vehicle settings** on the screen
2. Follow the touch screen menu and navigate to the following items
3. Cluster > Service Interval > Enable Service Interval > Enter Interval Distance/Time



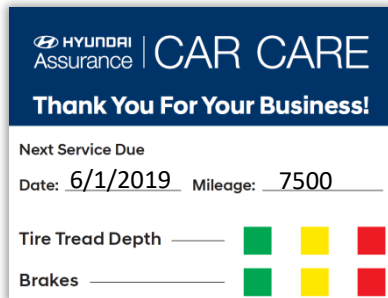
### Blue Link Alert

1. Reset Maintenance Alerts (TSB 17-BE003-1)
2. Go to HD.com>WebDCS> Service>Vehicle Information Screen
3. Enter the VIN and Click Search
4. Scroll down to Blue Link Information> Maintenance Alert and click Reset

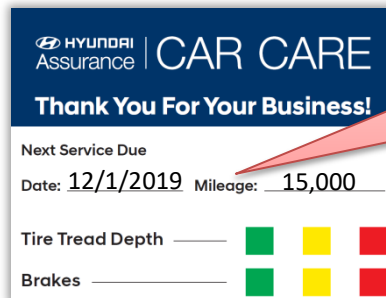


### Maintenance sticker

5. Remove old sticker
6. Replace new sticker with new mileage and return date



(Old)



(New)

Make sure the date and mileage match what is set for the customer's Blue Link maintenance alerts

### Service Action



### Reception

- The Service Consultant should reset the customers Blue Link Maintenance Alert on the VIS screen when writing up the repair order. This saves time since the Service Consultant is already in the VIS screen checking for open campaigns and service history.
- **Optional Best Practices for Service Consultants:**
  - Fill out the maintenance sticker to match the Blue Link Maintenance Alert that has now been reset.
  - When placing the hang tag in the vehicle, place the new maintenance sticker in the window and reset the service interval light in the instrument cluster prior to the vehicle going into the shop for a lube and filter change. This will ensure that all maintenance reminders are aligned and will save time by completing it all at once.



### Repair

- Always plug in the GDS before starting the repair.
- Confirm that the service intervals are reset on the vehicle even if the time or miles have not expired, and that they match the new maintenance sticker.
- Make sure to complete an MPI on all vehicles and Quality Control your work.



### Return

- Schedule the customer's next appointment to align with all three Service Interval Reminders based on this visit's day of week and time of day.
- Inform the customer that they will get an email reminder prior to service and can reschedule as needed.
- This will help ensure the customer will bring in their vehicle and improve customer trust with unexpected alerts turning on.



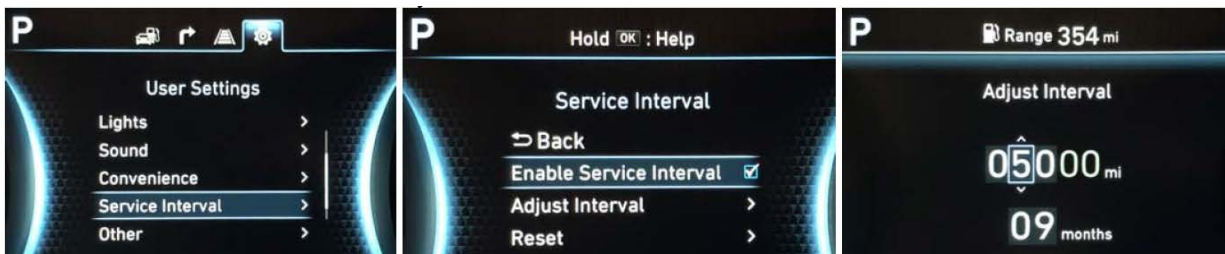
**Reconnect** – Follow up on Blue Link DTC and Maintenance alerts, to bring your customers in for service.

## Pre-Delivery Inspection – Enabling the Service Interval Reminder

- Technicians should **always** set the service interval reminder on every vehicle based on the vehicles maintenance schedule when performing the pre-delivery inspection

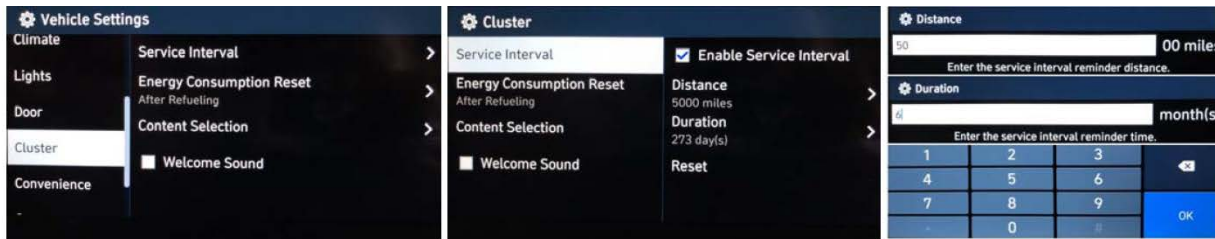
### Instrument Cluster

1. Press the mode button on the steering wheel and navigate to **User Settings** on the instrument cluster
2. Select Service Interval
3. Select Enable Service Interval and make sure box is checked
4. Select Adjust Interval and set miles and months
5. Select "Yes" when "Save?" is prompted prior to exiting the setting menu





1. Press the **Setup** button on the control panel and then select **Vehicle settings** on the screen
2. Follow the touch screen menu and navigate to the following items
3. Cluster > Service Interval > Enable Service Interval > Enter Interval Distance/Time



## Additional Resources

- For more information on **Blue Link DTC and Maintenance Alerts** go to [HD.com](http://HD.com)>Service tab>Blue Link>Resources>Guides & Reference

The screenshot shows the Hyundai Dealer Dashboard (HDD) interface. The top navigation bar includes 'SALES', 'SERVICE', 'PARTS', 'TRAINING', and 'RESOURCES'. The 'SERVICE' tab is highlighted with a red box and a blue circle labeled '1'. Below the navigation bar, there are several sections: 'SERVICE PROGRAMS', 'SERVICE PROCESS', 'VENDOR SHIP DIRECT WEBSITES', 'WebDCS / DCM', 'DEALER RESOURCES', 'MARKETING', 'HYUNDAI DEALER DASHBOARD (HDD)', 'WARRANTY', 'BLUE LINK Resources', and 'HYUNDAI MOTOR FINANCE'. The 'BLUE LINK Resources' section is highlighted with a red box and a blue circle labeled '2'. Below this, there are two columns of documents. The left column has 'Blue Link Category : 1. Packages & Pricing (3)' and 'Blue Link Category : 2. Guides & Reference (5)'. The right column has 'Blue Link Category : 2. Guides & Reference (5)'. The 'Blue Link Category : 2. Guides & Reference (5)' link in the left column is highlighted with a red box and a blue circle labeled '3'. The 'Blue Link Service Process Guide v2 071819' document in the right column is highlighted with a red box and a blue circle labeled '4'.

- For additional resources on **Maintenance Schedules** for each vehicle and model year, go to [HD.com](http://HD.com)>Service Tab>Documents



Library > Quick Reference Guide and click on any of the Model Year QRGs

**1** SERVICE

**2** Documents Library

**3** Dealer Resources

**4** 2020MY QRGs

Type	Name	Documents Category	Document Description	Expiration Date	Published Date
Folder	Parts Performance Guid				
Folder	Best Practices				
Folder	Service Rental Car				
Folder	Dealer Resources				
Folder	Car Care Scheduling				
Folder	Quick Reference Guide				
Folder	Consumer Affairs				
Folder	Service				
Folder	Warranty				
File	HyundaiCareers Quick Reference Guide	Others		12/31/2019	7/8/2019
File	2019 KONA EV QRG FINAL - 1.31.19	Others		12/31/2023	1/31/2019
File	2019 Sonata plug in Hybrid QRG FINAL - 1.30.19	Others		12/31/2023	1/30/2019
File	2019 Sonata Hybrid QRG - FINAL 12.6.18	Others		12/31/2023	12/6/2018
File	2019 Elantra GT QRG - FINAL - 12.4.19	Others		2023	12/4/2018
File	2019 Elantra AD FINAL - 11.30.18	Others		2023	11/30/2018
File	2019 Veloster N QRG - FINAL 11.20.18	Others		2023	11/20/2018
File	2019 Genesis G70 QRG - IQS FINAL 10.24.18	Others		2023	10/24/2018
File	2019 Genesis G90 QRG - FINAL - 10.17.18	Others		2023	10/17/2018
File	2019 Sonata LF QRG - FINAL 10.15.18	Others		2023	10/15/2018
File	2019 Kona OS QRG - FINAL 10.2.18	Others		12/31/2023	10/2/2018
File	2019 Accent HC QRG - FINAL 10.4.18	Others		12/31/2023	10/4/2018
File	2019 Tucson TL QRG - FINAL 10.8.18	Others		12/31/2023	10/8/2018
File	2019 Santa Fe TM QRG - FINAL - 10.23.18	Others		12/31/2023	10/23/2018
File	2019 Genesis G80 QRG - FINAL - 10.12.18	Others		12/31/2023	10/12/2018
File	2019 Santa Fe NC QRG - FINAL - 10.23.18	Others		12/31/2023	10/23/2018
File	2019 Ioniq EV QRG FINAL - 10.30.18	Others		12/31/2023	10/30/2018

Quick Reference Guides are separated by model and model year

**VOICE RECOGNITION TIPS**

**BLUETOOTH™**

Command: "Call John Smith"  
Example: "Call 714-965-3000"

Navigation

Command: "Find 723-4-5 3rd Street, Houston TX, Texas"  
Example: "Find McDonald's"

- HOW TO DEFOST - page 19
  - Press the front defrost button.
  - Set to warmest temperature set
  - Set to highest fan speed.

Maintenance includes normal and severe usage

**WINDSHIELD WIPER / WASHER - page 10**

To activate wipers, move the switch down to one of the three positions (INT, LO, HI).

To adjust "INT" speed, move lever toward you.

To spray washer fluid, pull lever toward you.

To push lever up for a single wiper pass.

Scheduled Maintenance	Normal Usage	Severe Usage*
Tire Rotation	Perform 8,000	Perform 4,000
Climate Control Air Filter (for Exploration and Winter Load)	Replace 15,000	Replace More Frequently
Air Conditioning Refrigerant	Inspect 15,000	Inspect Same As Normal
Brake Hoses & Lines	Inspect 15,000	Inspect Same As Normal
Drive Shafts & Boots	Inspect 15,000	Inspect 7,500
Front Disc Brake/Pads, Calipers & Rotors	Inspect 15,000	Inspect More Frequently
Rear Brake Disc/Pads	Inspect 15,000	Inspect More Frequently
Steering Gear Box, Linkage & Bushes (Lower Arm Ball Joint, Upper Arm Ball Joint)	Inspect 15,000	Inspect More Frequently
Suspension Mounting Brackets	Inspect 15,000	Inspect Same As Normal
Strut Rod	Inspect 30,000	Inspect Same As Normal
Fluids	1st Regular 100,000 or 100 miles, API SAE 5W-20 or 24 mm	Replace Same As Normal
Reduction Gear Fluid	Inspect 25,000 or 30 miles	Replace 15,000

\*See Owner's Manual for details.

Always use proper tire inflation techniques. For more information, consult retailer for retailer, your vehicle's Owner's Manual. If you require additional information or are unsure of a specific tire, we recommend that you always refer to the vehicle's Owner's Manual or contact your authorized Hyundai dealer. The information contained in this Quick Reference Guide is correct at the time of printing; however, specifications and equipment can change without notice. No warranty or guarantee is being extended in this Quick Reference Guide, and Hyundai reserves the right to change product specifications and equipment at any time without incurring obligations. Some vehicles are shown with optional equipment.

