

# Technical Service Bulletin



## 24CH UPDATE – ECM Software Update (FED\_EMS)

August 10, 2018

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A8	2015 – 2016	See Campaign/Action screen in Elsa	W12 Engine

REVISION HISTORY		
Revision	Date	Purpose
1	May 25, 2016	Original publication
2	August 10, 2018	Updated photo in work instructions to reflect that the “Flash” operating mode must be used.

## Condition

This Update has been proactively released to prevent the following condition from occurring in the vehicle:

On Audi A8 vehicles with W12 engine manufactured within a specific period, the engine torque monitoring system may indicate a fault in cylinder deactivation mode (cylinder on demand).

This Update is in effect until removed.

Vehicle must meet all of the following criteria:

- Procedure is valid only for vehicles that show the **24CH** code in the Elsa Campaign/Action Information screen on the day of repair.
- Vehicle must be within the Federal Emissions Warranty.
- Procedure must be performed within the allotted time frame stated in this Technical Service Bulletin.
- Procedure must be performed on applicable vehicles in dealer inventory prior to sale.

## Technical Background

On Audi A8 vehicles with W12 engine manufactured within a specific period, the engine torque monitoring system may indicate a fault in cylinder deactivation mode (cylinder on demand).

## Service

### SVM Update Instructions

1. Follow all instructions in TSB 2011732: *00 Software Version Management (SVM), operating instructions*.
2. Attach an appropriate battery charger to the vehicle.
3. Attach the scan tool to the vehicle using a USB cable.
4. Confirm that the scan tool is communicating with the diagnostic head by USB <Green Arrow>. If the Bluetooth symbol is shown <Red Arrow> then disconnect the diagnostic head from the vehicle and then reattach the USB cable to the diagnostic head and then reattach to the vehicle.



5. Using **“Flash”**, perform the update using the SVM action code, **24CHA192**.

#### NOTE

If the Bluetooth wireless VAS 5054A transmitter head is used in conjunction with a VAS tester, the transmitter head **MUST BE** connected with a USB cable to the tester.

#### WARNING

The Bluetooth function of the scan tool **MUST BE PHYSICALLY SWITCHED OFF** prior to performing this update. <See pictures>



**VAS 6150 & VAS 6150A**  
(Front panel behind handle)



**VAS 6150B**  
(Middle right side behind WIRELESS door)



**VAS 6160/-VPC**  
(Upper left side behind SC/EX door)



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- Additional Actions** Some of the affected vehicles may be involved in additional Actions. Please check your Elsa Campaign/Action Information screen so that any *additional required work can be done simultaneously.*
- Verifying Vehicle Eligibility** To verify vehicle eligibility for this Update, *always* check the Elsa Campaign/Action Information screen. The Elsa system is the *only* binding inquiry and verification system; other systems are not valid and *may result in non-payment* of a claim.
- Help for Claim Entry** For questions regarding claim entry, contact Audi Warranty.
- Required Customer Notification** Inform your customer in writing by recording on the Repair Order any and all work that was conducted on the vehicle, including any and all updates completed under this Update.

## Additional Information

All parts and service references provided in this Update are subject to change and/or removal. Always check Elsa for the most current version of this document.