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## Audi TAC Technical Newsletter

November 2012

### Audi TAC Hours of Operation

Monday - Friday 8:30a.m. - 7:00p.m. E.S.T.

Closed:

- Weekly Staff meetings on Mondays, 1:00-2:00p.m. E.S.T.
- Friday December 7, after 1:30p.m.
- Monday December 24, all day
- Tuesday December 25, all day
- Monday December 31, all day
- Tuesday January 1, all day

Open:

- TAC will be open December 26-28, 8:30a.m.-5:00p.m. E.S.T.
- TAC will be open January 2-4, 8:30a.m.-7:00p.m. E.S.T.

### Audi Technical Assistance Survey

[www.surveymonkey.com/s/Audi\\_TAC\\_Survey](http://www.surveymonkey.com/s/Audi_TAC_Survey)

Please take a moment to complete a short survey as we value all your input. This information will be used to further enhance the services we provide to our Dealers.

## KING'S KORNER



### 48K4-Power Steering Control Unit

There is a new update 48K4 for electromechanical steering vehicles which are the 2013 A4/S4, A5/S5, A5 Cabriolet, and Allroad along with the 2012-2013 A6 and A7. This update encompasses over 59,000 vehicles. To ensure that this update runs successfully, as with all SVM updates. The scan tool must be at Base 19.01.01 and Brand 19.44 or higher to run. This can be checked in "Administration", then "Contents", and then "Audi".

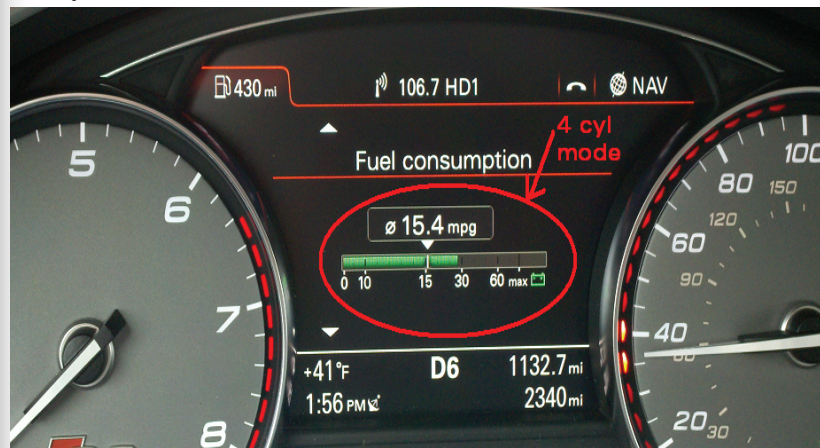
### 4.0L V8 TFSI in the A8L, S6, S7, S8

This new 4.0L V8 TFSI has features such as Twin Turbochargers (Hot Side In), Cylinder on demand (COD), Active Noise Cancellation (ANC), Start-Stop System.

How to determine if the engine is in the 4-cylinder or 8-cylinder mode can be seen on the cluster. Switch the instrument cluster to "Fuel Consumption" mode using the left steering wheel menu button. If the Fuel Consumption bar is white, then the engine is in the 8-cylinder mode as shown below.



If the Fuel Consumption bar is green, then the engine is in the 4-cylinder mode as shown below.



When the engine is in the 4-cylinder mode, cylinders 2, 3, 5, and 8 are deactivated using the Audi Valvelift System (AVS). During this mode, the camshafts are shifted to a round lobe that does not create any valve lift. Fuel injection and ignition are switched off. Engine vibration is reduced by the new motor mounts, and the Active Noise Control (ANC) turns on to minimize any discomfort to the passengers. See SSP 920223 for more information.