

Technical Service Bulletin



01 MIL on, gasoline quality (DTCs for misfire, air/fuel ratio imbalance, or lean fuel system)

01 15 14 2014753/9 March 9, 2015. Supersedes Technical Service Bulletin Group 01 number 13-09 dated June 21, 2013 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
All	2000 - 2016	All	Gasoline engines

Condition

REVISION HISTORY		
Revision	Date	Purpose
9	-	Revised title Revised header data (Added model year) Revised <i>Condition</i> (Added DTCs) Revised <i>Service</i> (Updated part number)
8	6/21/2013	Revised header data (Added model years) Revised <i>Service</i> (Updated list of retailers)
7	2/5/2010	Revised header data (Added model years, specify gasoline engines) Revised <i>Service</i> (Added part number)

- The use of contaminated gasoline or gasoline with a low content of deposit control additives may result in one or more of the following conditions:
 - Excessive accumulation of deposits on intake valves, intake manifold, fuel injectors, and combustion chambers.
 - Engine running rough after cold start.
 - Excessive engine cranking time.
 - Hesitations while driving.
 - Rough engine idle.
 - Reduced engine performance.
 - Poor fuel economy.
- Conditions may be severe enough to illuminate the MIL in conjunction with storage of DTCs for misfire (example: **P0300**, **P030x**), lean fuel system (example: **P0171**, **P0174**, **P1128**, **P1130**, **P1136**, **P1138**), or air/fuel ratio imbalance (example: **P219C00**, **P219D00**, **P219E00**, **P219F00**, **P21A000** or **P21A100**) in the engine control module (ECM), J623 (address word 01).

Technical Background

- Condition may be caused by use of contaminated gasoline.
- Condition may be caused by use of gasoline with a low content of deposit control additives.

Production Solution

Not applicable.

Service

If use of contaminated gasoline is suspected:

Consider advising the customer to change gasoline source (brand/gas station). Contaminated gasoline may exhibit one or more of the following characteristics:

- May have unique color and odor.
- May contain undissolved water.
- May contain sediments and suspended matter.
- May appear cloudy and (after settling) may show signs of separation.

If use of gasoline with a low content of deposit control additives is suspected:

Recommend to the customer the exclusive use of TOP TIER Detergent Gasoline, which provides improved deposit control performance. At the time of this publication, retailers in the USA providing TOP TIER Detergent Gasoline in all grades of their gasoline include:

- | | | |
|--------------------------|-------------------------------|-------------------|
| • 76 Stations | • Holiday Stationstores, Inc. | • Rebel Oil |
| • Aloha Petroleum | • Kwik Trip / Kwik Star | • Road Ranger |
| • Chevron | • MFA Oil Co. | • Severson Oil |
| • Conoco | • Mileage Stations | • Shell |
| • CountryMark | • Mobil | • Texaco |
| • Entec Stations | • Ohana Fuels | • Tri-Par Oil Co. |
| • Exxon | • Phillips 66 | • U.S. Oil |
| • Hawaii Fueling Network | • Quik Trip | |

For the most up-to-date list of TOP TIER retailers, visit www.toptiergas.com.

Repair:

Gasoline additive **G 001770A2** can be used for removal of existing carbon deposits from:

- Injectors (MPI and FSI engines)

- Combustion chambers (MPI and FSI engines)
- Intake valves (MPI engines only)

Mix the additive with gasoline directly in the **full** fuel tank following the mix ratio. For example, 60 ml per 20 liters gasoline or 120 ml per 10 gallons of gasoline.



Tip: For removal of carbon deposits from intake valves of FSI engines, refer to TSB 2019948.

Warranty

This TSB is informational only and not applicable to any Audi warranty. The use of gasoline additive **G 001770A2** is not reimbursed under warranty.

Additional Information

All parts and service references provided in this TSB (2014753) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.