

# Technical Bulletin



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Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
All	2001 - 2007	Diesel Engine Only	All	All	All

## Condition

01 07 40 May 1, 2007 2011171 Supersedes T. B. Group 01 number 06-02 dated January 26, 2006, due to additional models and years, plus the removal of gasoline engine information.

### Fuel, Poor Quality

Poor quality fuel or seasonal fuel changes (summer/winter fuel) may negatively affect operation of the engine and may cause one or more of the following conditions:

- Engine runs rough after cold start.
- Stumbles while driving.
- Loss of engine performance.
- Rough engine idle.
- Excessive carbon build-up on intake valves and combustion chambers.
- Clogged fuel filter and/or fuel injectors.

Conditions may be severe enough to illuminate the MIL in conjunction with storage of one or more of the following DTCs in the ECM:

- Misfire on one or more cylinders (P0300, P030x)

In addition, poor quality fuel may exhibit one or more of the following characteristics:

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

## Technical Background

Condition may be caused by use of contaminated fuel.

Condition may be caused by use of fuel with a low content of deposit control additives.

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## Production Solution

No production change required.

## Service

Always follow indications of the Repair Manual, applicable Technical Bulletins and Guided Fault Finding.

If diagnosis is inconclusive, poor fuel quality may be the cause of the condition, consider advising the customer to change fuel source (brand/gas station).

## Warranty

Information only.

## Required Parts and Tools

No Special Tools required.

No Special Parts required.

## Additional Information

All part and service references provided in this Technical Bulletin are subject to change and/or removal. Always check with your Parts Dept. and Repair Manuals for the latest information.