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## Service Information Bulletin

SUBJECT	DATE
SPN 3361 (ACM) (EPA10)	May 2015

### Additions, Revisions, or Updates

Publication Number / Title	Platform	Section Title	Change
DDC-SVC-MAN-0084	EPA10 DD Platform	SPN 3361/FMI 1 - EPA10	Notice added prior to Step 7. Step 7 rewritten. Step 8 deleted.



13400 Outer Drive, West, Detroit, Michigan 48239-4001  
 Telephone: 313-592-5000  
[www.demanddetroit.com](http://www.demanddetroit.com)

## 2 SPN 3361/FMI 1 - EPA10

Diesel Exhaust Fluid Pressure Duty Cycle Low

**Table 1.**

SPN 3361/FMI 1	
Description	Diesel Exhaust Fluid (DEF) Pressure Duty Cycle Low
Monitored Parameter	DEF pressure
Typical Enabling Conditions	DEF Dosing Enabled
Monitor Sequence	None
Execution Frequency	Continuous when enabling conditions met
Typical Duration	20 minutes
Dash Lamps	MIL, CEL
Engine Reaction	
Verification	SCR Quantity Test

Check as follows:

1. Connect DiagnosticLink<sup>®</sup> Standard.
2. Turn ignition ON (key ON, engine OFF).
3. Is the Aftertreatment Control Module (ACM) software level 8.5.0.107 with fuel map ZGS 002 or higher?
  - a. Yes; Go to step 4.
  - b. No; update device software and then Go to step 4.
4. Check for multiple codes.
  - a. If SPN 3361/ FMI 3, 4, or 5 is also present repair those faults first.  
 Refer to section "SPN 3361/FMI 3 - EPA10"  
 Refer to section "SPN 3361/FMI 4 - EPA10"  
 Refer to section "SPN 3361/FMI 5 - EPA10"
  - b. If the above faults are not present, Go to step 5.
5. Compare DEF pressure to ambient air pressure (Baro) and DEF air pressure.
6. Is DEF pressure within 28 kPa (4 psi) of ambient air pressure (Baro) and DEF air pressure?
  - a. Yes; Go to step 7.
  - b. No; replace the DEF pressure sensor. Refer to section "Removal of the Diesel Exhaust Fluid Pressure Sensor"

**NOTICE:** Verify air tank supply pressure is 689 kPa (100 psi) or higher before performing a DEF Quantity Test service routine.

7. Unbolt the DEF nozzle from the aftertreatment and place in the graduated cylinder provided if DEF test kit W060589001900. Perform a DEF Quantity Test service routine and record the amount of DEF fluid quantity dispensed. Is the dispensed DEF quantity between 102 and 138mL?
  - a. Yes; check for other fault codes. If no other codes than 4364/FMI any or 3364/FMI any are present, clear fault codes and release vehicle.
  - b. No; replace the metering unit. Refer to section "Removal of the Diesel Exhaust Fluid Metering Unit".