
Fault code P245997, P246397, P245900, P246385 or P246309 stored in engine control unit

Topic number	LI49.20-N-060290
Version	2
Design group	49.20 Exhaust aftertreatment unit
Date	01-28-2015
Validity	Model 906 with engine 651
Reason for change	Validity for model 639 with engine 651 and model 447 with engine 651 deleted
Reason for block	

Complaint:

Active engine diagnosis warning lamp.

The following fault codes are stored in the engine control unit:

- Fault code P245997

The regeneration frequency of the diesel particulate filter is not OK. System function is restricted.

- Fault code P246397

The soot content of the diesel particulate filter is not OK, "The system function is restricted" is stored in the engine control unit.

- Fault code P245900

The regeneration frequency of the diesel particulate filter is not OK.

- Fault code P246309

The soot content of the diesel particulate filter is not OK. There is a component fault.

- Fault code P246385

The soot content of the diesel particulate filter is not OK. There is a signal above the permissible limit.

Cause:

The following causes may produce these fault codes.

For example:

- Deviation detected in emission sensor system or sensor wiring.
- Deviation detected in a component, which results in an excessive amount of engine soot development. (For example, intake air system, injector, HFM-SFI).

Notes:

- The fault codes for the regeneration frequency of the diesel particulate filter (DPF) appear when the vehicle is regenerated unusually often or for too long. Normal regeneration intervals (driving distances between two regeneration periods) are 250 km urban and 500 km inter city. The duration of a regeneration period generally lies between 15 and 25 minutes.
- The fault codes for the soot content of the diesel particulate filter appear when the engine timing has calculated an excessively high soot load. A high soot load does not necessarily actually exist. It could also be that faults in the sensor system erroneously detect a high soot level, although the loading of the diesel particulate filter is actually OK.

Remedy:

For these fault codes there are guided tests in XENTRY, which have to be fully processed.

The following test steps are to be processed for the above-mentioned fault codes:

1. Read out and document the fault freeze frame data for each fault code from the engine control unit.
 2. Record the performance data for the CDI control unit (under "Special processes" in XENTRY Diagnostics) or the development diagnosis sheet (DAS).
 3. Plausibility check of component B28/8 (DPF differential pressure sensor).
 4. Check compression pressure (see AR01.00-D-1200WE for model 906).
 5. Check installation height of fuel injectors (see AH07.16-P-1000-01S). Note: If there are any deviations, check whether too many sealing rings or none at all have been installed.
 6. Check charge air system for leaks.
 7. Check exhaust system for leaks.
 8. Plausibility check of temperature sensors in exhaust system.
 9. Check electrical lines and connectors for emissions sensor system.
 10. Perform wipe test on the exhaust tailpipes. To do this, take a suitable cloth (e.g. a soft cleaning cloth) and check whether there are any soot deposits on the inside of the exhaust tailpipes (see attachment for example pictures).
- If the cloth becomes black or gray, open the connecting point downstream of the DPF. If the exhaust pipe at the DPF outlet is carbon-fouled, the monolith broken out or if a white crust is visible on the monolith, create a TIPS case and coordinate any further courses of action with your relevant market support. (Please attach all the test results/performance data to the TIPS case).
 - If no discoloration is visible on the cloth, perform a visual inspection at the DPF inlet. If the DPF inlet is oiled up or the honeycomb structure of the monolith is partly/completely sealed with soot, open a TIPS case all and coordinate any further courses of action with your relevant market support. (Please attach all the test results/performance data to the TIPS case).

Note:

If the diesel particulate filter is replaced, this then has to undergo teach-in with XENTRY.

Regeneration while driving is not necessary.

In a warranty case all test results should be submitted along with the diesel particulate filter.

11. If no damage can be found to the diesel particulate filter, regeneration must be performed while driving, following the test instructions.
12. Acquisition of diagnostic performance data, acquisition of data on completion of repair work

Note:

Please note that for the complete repair the damage code must relate to the component causing the damage.

If no faults are found, Create a PTSS case to coordinate further courses of action.

Replacement of the diesel particulate filter is not permissible in this case.

Attachments	
File	Description
01.JPG	Wipe test (clean)
02.JPG	Wipe test (black)
03.JPG	Wipe test (gray)
04.JPG	Connecting point downstream of DPF outlet (clean)
05.JPG	Connecting point downstream of DPF outlet (black)
06.JPG	Connecting point downstream of DPF outlet (monolith damaged)
07.JPG	Connecting point downstream of DPF outlet (white crust on monolith)
08.JPG	Visual inspection of DPF at CAT inlet (not oiled up)
09.JPG	Visual inspection of DPF at CAT inlet (monolith clogged with soot)
10.JPG	Visual inspection of DPF at CAT inlet (monolith OK)

Symptoms
Power generation / Engine management / Engine management indicator lamp / Engine diagnosis / lit
Power generation / Engine management / Engine management indicator lamp / Electronic diesel control / lit
Overall vehicle / Networking / Diagnosis/software / Current problems
Power generation / Engine management / Engine performance / Goes into limp-home mode

Control unit/fault code		
Control unit	Fault code	Fault text
CDID2Common Rail Diesel Injection (CRD2_NFZ)	P245997	The regeneration frequency of the diesel particulate filter is not OK. The system function is restricted.
CDID2Common Rail Diesel Injection (CRD2_NFZ)	P246397	The soot content of the diesel particulate filter is not OK. The system function is restricted.
CDI - Motor electronics 'CDI43' for combustion engine 'OM651' (N3/33) (CR43)	P246397	The soot content of the diesel particulate filter is not OK. The system function is restricted.
CDI - Motor electronics 'CDID3' for combustion engine 'OM651' (N3/28) (CRD3NFZ)	P245997	The regeneration frequency of the diesel particulate filter is not OK. The system function is restricted.
CDID2Common Rail Diesel Injection (CRD2_NFZ)	P246397	The soot content of the diesel particulate filter is not OK. The system function is restricted. (MOPF)
CDI - Motor electronics 'CDI43' for combustion engine 'OM651' (N3/33) (CR43)	P246385	The soot content of the diesel particulate filter is not OK. There is a signal above the permissible limit value.
CDI - Motor electronics 'CDI43' for combustion engine 'OM651' (N3/33) (CR43)	P245900	The regeneration frequency of the diesel particulate filter is not OK. _

CDID2Common Rail Diesel Injection (CRD2_NFZ)	P245997	The regeneration frequency of the diesel particulate filter is not OK. The system function is restricted. (MOPF)
CDI - Motor electronics 'CDID3' for combustion engine 'OM651' (N3/28) (CRD3NFZ)	P245900	The regeneration frequency of the diesel particulate filter is not OK. _
CDID2Common Rail Diesel Injection (CRD2_NFZ)	P246309	The soot content of the diesel particulate filter is too high. There is a component fault.
CDID2Common Rail Diesel Injection (CRD2_NFZ)	P246309	The soot content of the diesel particulate filter is not OK. There is a component fault. (MOPF)
CDID2Common Rail Diesel Injection (CRD2_NFZ)	P245900	The regeneration frequency of the diesel particulate filter is not OK. _ (MOPF)
CDI - Motor electronics 'CDID3' for combustion engine 'OM651' (N3/28) (CRD3NFZ)	P246309	The soot content of the diesel particulate filter is not OK.
CDID2Common Rail Diesel Injection (CRD2_NFZ)	P245900	The regeneration frequency of the diesel particulate filter is not OK.

Work units				
Op. no.	Operation text	Time	Damage code	Note
07-0641	ENGINE COMPONENTS:..... CHECK PER FAULT CODE			

WIS-References			
Document number	Title	Note	Allocation
AR01.00-D-1200WE	Check compression pressure	MODEL 906 with ENGINE 651.955/956/957	Remedy
AH07.16-P-1000-01S	Notes on injectors	MODEL 906 with ENGINE 651	Remedy

Validity		
Vehicle	Engine	Transmission
Sprinter III	651	*

Full model designation breakdown		
Vehicle	Engine	Transmission
906.111	651.955	711.651
906.111	651.955	711.660
906.111	651.955	711.680
906.111	651.955	711.685
906.111	651.955	722.683
906.111	651.955	722.684
906.111	651.955	722.686

906.111	651.955	722.902
906.111	651.955	722.908
906.111	651.956	711.651
906.111	651.956	711.660
906.111	651.956	711.680
906.111	651.956	711.685
906.111	651.956	722.683
906.111	651.956	722.684
906.111	651.956	722.686
906.111	651.956	722.902
906.111	651.956	722.908
906.111	651.957	711.651
906.111	651.957	711.660
906.111	651.957	711.680
906.111	651.957	711.685
906.111	651.957	722.683
906.111	651.957	722.684
906.111	651.957	722.686
906.111	651.957	722.902
906.111	651.957	722.908
906.113	651.955	711.651
906.113	651.955	711.660
906.113	651.955	711.680
906.113	651.955	711.685
906.113	651.955	722.683
906.113	651.955	722.684
906.113	651.955	722.685
906.113	651.955	722.686
906.113	651.955	722.902
906.113	651.955	722.908
906.113	651.956	711.651
906.113	651.956	711.660
906.113	651.956	711.680
906.113	651.956	711.685
906.113	651.956	722.683
906.113	651.956	722.684
906.113	651.956	722.685
906.113	651.956	722.686
906.113	651.956	722.902
906.113	651.956	722.908
906.113	651.957	711.651
906.113	651.957	711.660
906.113	651.957	711.680

906.113	651.957	711.685
906.113	651.957	722.683
906.113	651.957	722.684
906.113	651.957	722.685
906.113	651.957	722.686
906.113	651.957	722.902
906.113	651.957	722.908
906.131	651.955	711.651
906.131	651.955	711.660
906.131	651.955	711.680
906.131	651.955	711.685
906.131	651.955	722.683
906.131	651.955	722.684
906.131	651.955	722.686
906.131	651.955	722.902
906.131	651.955	722.908
906.131	651.956	711.651
906.131	651.956	711.660
906.131	651.956	711.680
906.131	651.956	711.685
906.131	651.956	722.683
906.131	651.956	722.684
906.131	651.956	722.686
906.131	651.956	722.902
906.131	651.956	722.908
906.131	651.957	711.651
906.131	651.957	711.660
906.131	651.957	711.680
906.131	651.957	711.685
906.131	651.957	722.683
906.131	651.957	722.684
906.131	651.957	722.686
906.131	651.957	722.902
906.131	651.957	722.908
906.132	651.955	711.651
906.132	651.955	711.660
906.132	651.955	711.680
906.132	651.955	711.685
906.132	651.955	722.683
906.132	651.955	722.684
906.132	651.955	722.686
906.132	651.955	722.902
906.132	651.955	722.908

906.132	651.956	711.651
906.132	651.956	711.660
906.132	651.956	711.680
906.132	651.956	711.685
906.132	651.956	722.683
906.132	651.956	722.684
906.132	651.956	722.686
906.132	651.956	722.902
906.132	651.956	722.908
906.132	651.957	711.651
906.132	651.957	711.660
906.132	651.957	711.680
906.132	651.957	711.685
906.132	651.957	722.683
906.132	651.957	722.684
906.132	651.957	722.686
906.132	651.957	722.902
906.132	651.957	722.908
906.133	651.955	710.510
906.133	651.955	711.651
906.133	651.955	711.660
906.133	651.955	711.680
906.133	651.955	711.685
906.133	651.955	716.645
906.133	651.955	722.683
906.133	651.955	722.684
906.133	651.955	722.685
906.133	651.955	722.686
906.133	651.955	722.902
906.133	651.955	722.908
906.133	651.956	710.510
906.133	651.956	711.651
906.133	651.956	711.660
906.133	651.956	711.680
906.133	651.956	711.685
906.133	651.956	716.645
906.133	651.956	722.683
906.133	651.956	722.684
906.133	651.956	722.685
906.133	651.956	722.686
906.133	651.956	722.902
906.133	651.956	722.908
906.133	651.957	710.510

906.133	651.957	711.651
906.133	651.957	711.660
906.133	651.957	711.680
906.133	651.957	711.685
906.133	651.957	716.645
906.133	651.957	722.683
906.133	651.957	722.684
906.133	651.957	722.685
906.133	651.957	722.686
906.133	651.957	722.902
906.133	651.957	722.908
906.134	651.955	711.651
906.134	651.955	711.660
906.134	651.955	711.680
906.134	651.955	711.685
906.134	651.955	722.683
906.134	651.955	722.684
906.134	651.955	722.686
906.134	651.955	722.902
906.134	651.955	722.908
906.134	651.956	711.651
906.134	651.956	711.660
906.134	651.956	711.680
906.134	651.956	711.685
906.134	651.956	722.683
906.134	651.956	722.684
906.134	651.956	722.686
906.134	651.956	722.902
906.134	651.956	722.908
906.134	651.957	711.651
906.134	651.957	711.660
906.134	651.957	711.680
906.134	651.957	711.685
906.134	651.957	722.683
906.134	651.957	722.684
906.134	651.957	722.686
906.134	651.957	722.902
906.134	651.957	722.908
906.135	651.955	711.651
906.135	651.955	711.660
906.135	651.955	711.680
906.135	651.955	711.685
906.135	651.955	722.683

906.135	651.955	722.684
906.135	651.955	722.685
906.135	651.955	722.686
906.135	651.955	722.902
906.135	651.955	722.908
906.135	651.956	711.651
906.135	651.956	711.660
906.135	651.956	711.680
906.135	651.956	711.685
906.135	651.956	722.683
906.135	651.956	722.684
906.135	651.956	722.685
906.135	651.956	722.686
906.135	651.956	722.902
906.135	651.956	722.908
906.135	651.957	711.651
906.135	651.957	711.660
906.135	651.957	711.680
906.135	651.957	711.685
906.135	651.957	722.683
906.135	651.957	722.684
906.135	651.957	722.685
906.135	651.957	722.686
906.135	651.957	722.902
906.135	651.957	722.908
906.136	651.955	711.651
906.136	651.955	711.660
906.136	651.955	711.680
906.136	651.955	711.685
906.136	651.955	722.683
906.136	651.955	722.684
906.136	651.955	722.686
906.136	651.955	722.902
906.136	651.955	722.908
906.136	651.956	711.651
906.136	651.956	711.660
906.136	651.956	711.680
906.136	651.956	711.685
906.136	651.956	722.683
906.136	651.956	722.684
906.136	651.956	722.686
906.136	651.956	722.902
906.136	651.956	722.908

906.136	651.957	711.651
906.136	651.957	711.660
906.136	651.957	711.680
906.136	651.957	711.685
906.136	651.957	722.683
906.136	651.957	722.684
906.136	651.957	722.686
906.136	651.957	722.902
906.136	651.957	722.908
906.153	651.955	710.510
906.153	651.955	711.651
906.153	651.955	711.660
906.153	651.955	711.680
906.153	651.955	711.685
906.153	651.955	716.645
906.153	651.955	722.683
906.153	651.955	722.684
906.153	651.955	722.685
906.153	651.955	722.686
906.153	651.955	722.902
906.153	651.955	722.908
906.153	651.956	710.510
906.153	651.956	711.651
906.153	651.956	711.660
906.153	651.956	711.680
906.153	651.956	711.685
906.153	651.956	716.645
906.153	651.956	722.683
906.153	651.956	722.684
906.153	651.956	722.685
906.153	651.956	722.686
906.153	651.956	722.902
906.153	651.956	722.908
906.153	651.957	710.510
906.153	651.957	711.651
906.153	651.957	711.660
906.153	651.957	711.680
906.153	651.957	711.685
906.153	651.957	716.645
906.153	651.957	722.683
906.153	651.957	722.684
906.153	651.957	722.685
906.153	651.957	722.686

906.153	651.957	722.902
906.153	651.957	722.908
906.155	651.955	710.510
906.155	651.955	711.651
906.155	651.955	711.660
906.155	651.955	711.680
906.155	651.955	711.685
906.155	651.955	716.645
906.155	651.955	722.683
906.155	651.955	722.684
906.155	651.955	722.685
906.155	651.955	722.686
906.155	651.955	722.902
906.155	651.955	722.908
906.155	651.956	710.510
906.155	651.956	711.651
906.155	651.956	711.660
906.155	651.956	711.680
906.155	651.956	711.685
906.155	651.956	716.645
906.155	651.956	722.683
906.155	651.956	722.684
906.155	651.956	722.685
906.155	651.956	722.686
906.155	651.956	722.902
906.155	651.956	722.908
906.155	651.957	710.510
906.155	651.957	711.651
906.155	651.957	711.660
906.155	651.957	711.680
906.155	651.957	711.685
906.155	651.957	716.645
906.155	651.957	722.683
906.155	651.957	722.684
906.155	651.957	722.685
906.155	651.957	722.686
906.155	651.957	722.902
906.155	651.957	722.908
906.211	651.955	711.651
906.211	651.955	711.660
906.211	651.955	711.680
906.211	651.955	711.685
906.211	651.955	722.683

906.211	651.955	722.684
906.211	651.955	722.686
906.211	651.955	722.902
906.211	651.955	722.908
906.211	651.956	711.651
906.211	651.956	711.660
906.211	651.956	711.680
906.211	651.956	711.685
906.211	651.956	722.683
906.211	651.956	722.684
906.211	651.956	722.686
906.211	651.956	722.902
906.211	651.956	722.908
906.211	651.957	711.651
906.211	651.957	711.660
906.211	651.957	711.680
906.211	651.957	711.685
906.211	651.957	722.683
906.211	651.957	722.684
906.211	651.957	722.686
906.211	651.957	722.902
906.211	651.957	722.908
906.213	651.955	711.651
906.213	651.955	711.660
906.213	651.955	711.680
906.213	651.955	711.685
906.213	651.955	722.683
906.213	651.955	722.684
906.213	651.955	722.685
906.213	651.955	722.686
906.213	651.955	722.902
906.213	651.955	722.908
906.213	651.956	711.651
906.213	651.956	711.660
906.213	651.956	711.680
906.213	651.956	711.685
906.213	651.956	722.683
906.213	651.956	722.684
906.213	651.956	722.685
906.213	651.956	722.686
906.213	651.956	722.902
906.213	651.956	722.908
906.213	651.957	711.651

906.213	651.957	711.660
906.213	651.957	711.680
906.213	651.957	711.685
906.213	651.957	722.683
906.213	651.957	722.684
906.213	651.957	722.685
906.213	651.957	722.686
906.213	651.957	722.902
906.213	651.957	722.908
906.231	651.955	711.651
906.231	651.955	711.660
906.231	651.955	711.680
906.231	651.955	711.685
906.231	651.955	722.683
906.231	651.955	722.684
906.231	651.955	722.686
906.231	651.955	722.902
906.231	651.955	722.908
906.231	651.956	711.651
906.231	651.956	711.660
906.231	651.956	711.680
906.231	651.956	711.685
906.231	651.956	722.683
906.231	651.956	722.684
906.231	651.956	722.686
906.231	651.956	722.902
906.231	651.956	722.908
906.231	651.957	711.651
906.231	651.957	711.660
906.231	651.957	711.680
906.231	651.957	711.685
906.231	651.957	722.683
906.231	651.957	722.684
906.231	651.957	722.686
906.231	651.957	722.902
906.231	651.957	722.908
906.233	651.955	711.651
906.233	651.955	711.660
906.233	651.955	711.680
906.233	651.955	711.685
906.233	651.955	722.683
906.233	651.955	722.684
906.233	651.955	722.685

906.233	651.955	722.686
906.233	651.955	722.902
906.233	651.955	722.908
906.233	651.956	711.651
906.233	651.956	711.660
906.233	651.956	711.680
906.233	651.956	711.685
906.233	651.956	722.683
906.233	651.956	722.684
906.233	651.956	722.685
906.233	651.956	722.686
906.233	651.956	722.902
906.233	651.956	722.908
906.233	651.957	711.651
906.233	651.957	711.660
906.233	651.957	711.680
906.233	651.957	711.685
906.233	651.957	722.683
906.233	651.957	722.684
906.233	651.957	722.685
906.233	651.957	722.686
906.233	651.957	722.902
906.233	651.957	722.908
906.234	651.955	711.680
906.234	651.955	722.686
906.234	651.955	722.908
906.234	651.956	711.680
906.234	651.956	722.686
906.234	651.956	722.908
906.234	651.957	711.680
906.234	651.957	722.686
906.234	651.957	722.908
906.235	651.955	711.651
906.235	651.955	711.660
906.235	651.955	711.680
906.235	651.955	711.685
906.235	651.955	722.683
906.235	651.955	722.684
906.235	651.955	722.685
906.235	651.955	722.686
906.235	651.955	722.902
906.235	651.955	722.908
906.235	651.956	711.651

906.235	651.956	711.660
906.235	651.956	711.680
906.235	651.956	711.685
906.235	651.956	722.683
906.235	651.956	722.684
906.235	651.956	722.685
906.235	651.956	722.686
906.235	651.956	722.902
906.235	651.956	722.908
906.235	651.957	711.651
906.235	651.957	711.660
906.235	651.957	711.680
906.235	651.957	711.685
906.235	651.957	722.683
906.235	651.957	722.684
906.235	651.957	722.685
906.235	651.957	722.686
906.235	651.957	722.902
906.235	651.957	722.908
906.236	651.955	711.680
906.236	651.955	722.686
906.236	651.955	722.908
906.236	651.956	711.680
906.236	651.956	722.686
906.236	651.956	722.908
906.236	651.957	711.680
906.236	651.957	722.686
906.236	651.957	722.908
906.253	651.955	711.651
906.253	651.955	711.660
906.253	651.955	711.680
906.253	651.955	711.685
906.253	651.955	722.683
906.253	651.955	722.684
906.253	651.955	722.685
906.253	651.955	722.686
906.253	651.955	722.902
906.253	651.955	722.908
906.253	651.956	711.651
906.253	651.956	711.660
906.253	651.956	711.680
906.253	651.956	711.685
906.253	651.956	722.683

906.253	651.956	722.684
906.253	651.956	722.685
906.253	651.956	722.686
906.253	651.956	722.902
906.253	651.956	722.908
906.253	651.957	711.651
906.253	651.957	711.660
906.253	651.957	711.680
906.253	651.957	711.685
906.253	651.957	722.683
906.253	651.957	722.684
906.253	651.957	722.685
906.253	651.957	722.686
906.253	651.957	722.902
906.253	651.957	722.908
906.255	651.955	711.651
906.255	651.955	711.660
906.255	651.955	711.680
906.255	651.955	711.685
906.255	651.955	722.683
906.255	651.955	722.684
906.255	651.955	722.685
906.255	651.955	722.686
906.255	651.955	722.902
906.255	651.955	722.908
906.255	651.956	711.651
906.255	651.956	711.660
906.255	651.956	711.680
906.255	651.956	711.685
906.255	651.956	722.683
906.255	651.956	722.684
906.255	651.956	722.685
906.255	651.956	722.686
906.255	651.956	722.902
906.255	651.956	722.908
906.255	651.957	711.651
906.255	651.957	711.660
906.255	651.957	711.680
906.255	651.957	711.685
906.255	651.957	722.683
906.255	651.957	722.684
906.255	651.957	722.685
906.255	651.957	722.686

906.255	651.957	722.902
906.255	651.957	722.908
906.611	651.955	711.651
906.611	651.955	711.660
906.611	651.955	711.680
906.611	651.955	711.685
906.611	651.955	722.683
906.611	651.955	722.684
906.611	651.955	722.686
906.611	651.955	722.902
906.611	651.955	722.908
906.611	651.956	711.651
906.611	651.956	711.660
906.611	651.956	711.680
906.611	651.956	711.685
906.611	651.956	722.683
906.611	651.956	722.684
906.611	651.956	722.686
906.611	651.956	722.902
906.611	651.956	722.908
906.611	651.957	711.651
906.611	651.957	711.660
906.611	651.957	711.680
906.611	651.957	711.685
906.611	651.957	722.683
906.611	651.957	722.684
906.611	651.957	722.686
906.611	651.957	722.902
906.611	651.957	722.908
906.613	651.955	711.651
906.613	651.955	711.660
906.613	651.955	711.680
906.613	651.955	711.685
906.613	651.955	722.683
906.613	651.955	722.684
906.613	651.955	722.685
906.613	651.955	722.686
906.613	651.955	722.902
906.613	651.955	722.908
906.613	651.956	711.651
906.613	651.956	711.660
906.613	651.956	711.680
906.613	651.956	711.685

906.613	651.956	722.683
906.613	651.956	722.684
906.613	651.956	722.685
906.613	651.956	722.686
906.613	651.956	722.902
906.613	651.956	722.908
906.613	651.957	711.651
906.613	651.957	711.660
906.613	651.957	711.680
906.613	651.957	711.685
906.613	651.957	722.683
906.613	651.957	722.684
906.613	651.957	722.685
906.613	651.957	722.686
906.613	651.957	722.902
906.613	651.957	722.908
906.631	651.955	710.510
906.631	651.955	711.651
906.631	651.955	711.660
906.631	651.955	711.680
906.631	651.955	711.685
906.631	651.955	722.683
906.631	651.955	722.684
906.631	651.955	722.686
906.631	651.955	722.902
906.631	651.955	722.908
906.631	651.956	710.510
906.631	651.956	711.651
906.631	651.956	711.660
906.631	651.956	711.680
906.631	651.956	711.685
906.631	651.956	722.683
906.631	651.956	722.684
906.631	651.956	722.686
906.631	651.956	722.902
906.631	651.956	722.908
906.631	651.957	710.510
906.631	651.957	711.651
906.631	651.957	711.660
906.631	651.957	711.680
906.631	651.957	711.685
906.631	651.957	722.683
906.631	651.957	722.684

906.631	651.957	722.686
906.631	651.957	722.902
906.631	651.957	722.908
906.633	651.955	710.510
906.633	651.955	711.651
906.633	651.955	711.660
906.633	651.955	711.680
906.633	651.955	711.685
906.633	651.955	722.683
906.633	651.955	722.684
906.633	651.955	722.685
906.633	651.955	722.686
906.633	651.955	722.902
906.633	651.955	722.908
906.633	651.956	710.510
906.633	651.956	711.651
906.633	651.956	711.660
906.633	651.956	711.680
906.633	651.956	711.685
906.633	651.956	722.683
906.633	651.956	722.684
906.633	651.956	722.685
906.633	651.956	722.686
906.633	651.956	722.902
906.633	651.956	722.908
906.633	651.957	710.510
906.633	651.957	711.651
906.633	651.957	711.660
906.633	651.957	711.680
906.633	651.957	711.685
906.633	651.957	722.683
906.633	651.957	722.684
906.633	651.957	722.685
906.633	651.957	722.686
906.633	651.957	722.902
906.633	651.957	722.908
906.635	651.955	710.510
906.635	651.955	711.651
906.635	651.955	711.660
906.635	651.955	711.680
906.635	651.955	711.685
906.635	651.955	722.683
906.635	651.955	722.684

906.635	651.955	722.685
906.635	651.955	722.686
906.635	651.955	722.902
906.635	651.955	722.908
906.635	651.956	710.510
906.635	651.956	711.651
906.635	651.956	711.660
906.635	651.956	711.680
906.635	651.956	711.685
906.635	651.956	722.683
906.635	651.956	722.684
906.635	651.956	722.685
906.635	651.956	722.686
906.635	651.956	722.902
906.635	651.956	722.908
906.635	651.957	710.510
906.635	651.957	711.651
906.635	651.957	711.660
906.635	651.957	711.680
906.635	651.957	711.685
906.635	651.957	722.683
906.635	651.957	722.684
906.635	651.957	722.685
906.635	651.957	722.686
906.635	651.957	722.902
906.635	651.957	722.908
906.637	651.955	711.651
906.637	651.955	711.660
906.637	651.955	711.680
906.637	651.955	711.685
906.637	651.955	722.683
906.637	651.955	722.684
906.637	651.955	722.685
906.637	651.955	722.686
906.637	651.955	722.902
906.637	651.955	722.908
906.637	651.956	711.651
906.637	651.956	711.660
906.637	651.956	711.680
906.637	651.956	711.685
906.637	651.956	722.683
906.637	651.956	722.684
906.637	651.956	722.685

906.637	651.956	722.686
906.637	651.956	722.902
906.637	651.956	722.908
906.637	651.957	711.651
906.637	651.957	711.660
906.637	651.957	711.680
906.637	651.957	711.685
906.637	651.957	722.683
906.637	651.957	722.684
906.637	651.957	722.685
906.637	651.957	722.686
906.637	651.957	722.902
906.637	651.957	722.908
906.653	651.955	711.651
906.653	651.955	711.660
906.653	651.955	711.680
906.653	651.955	711.685
906.653	651.955	716.645
906.653	651.955	722.683
906.653	651.955	722.684
906.653	651.955	722.685
906.653	651.955	722.686
906.653	651.955	722.902
906.653	651.955	722.908
906.653	651.956	711.651
906.653	651.956	711.660
906.653	651.956	711.680
906.653	651.956	711.685
906.653	651.956	716.645
906.653	651.956	722.683
906.653	651.956	722.684
906.653	651.956	722.685
906.653	651.956	722.686
906.653	651.956	722.902
906.653	651.956	722.908
906.653	651.957	711.651
906.653	651.957	711.660
906.653	651.957	711.680
906.653	651.957	711.685
906.653	651.957	716.645
906.653	651.957	722.683
906.653	651.957	722.684
906.653	651.957	722.685

906.653	651.957	722.686
906.653	651.957	722.902
906.653	651.957	722.908
906.655	651.955	710.510
906.655	651.955	711.651
906.655	651.955	711.660
906.655	651.955	711.680
906.655	651.955	711.685
906.655	651.955	722.683
906.655	651.955	722.684
906.655	651.955	722.685
906.655	651.955	722.686
906.655	651.955	722.902
906.655	651.955	722.908
906.655	651.956	710.510
906.655	651.956	711.651
906.655	651.956	711.660
906.655	651.956	711.680
906.655	651.956	711.685
906.655	651.956	722.683
906.655	651.956	722.684
906.655	651.956	722.685
906.655	651.956	722.686
906.655	651.956	722.902
906.655	651.956	722.908
906.655	651.957	710.510
906.655	651.957	711.651
906.655	651.957	711.660
906.655	651.957	711.680
906.655	651.957	711.685
906.655	651.957	722.683
906.655	651.957	722.684
906.655	651.957	722.685
906.655	651.957	722.686
906.655	651.957	722.902
906.655	651.957	722.908
906.657	651.955	710.510
906.657	651.955	711.651
906.657	651.955	711.660
906.657	651.955	711.680
906.657	651.955	711.685
906.657	651.955	722.683
906.657	651.955	722.684

906.657	651.955	722.685
906.657	651.955	722.686
906.657	651.955	722.902
906.657	651.955	722.908
906.657	651.956	710.510
906.657	651.956	711.651
906.657	651.956	711.660
906.657	651.956	711.680
906.657	651.956	711.685
906.657	651.956	722.683
906.657	651.956	722.684
906.657	651.956	722.685
906.657	651.956	722.686
906.657	651.956	722.902
906.657	651.956	722.908
906.657	651.957	710.510
906.657	651.957	711.651
906.657	651.957	711.660
906.657	651.957	711.680
906.657	651.957	711.685
906.657	651.957	722.683
906.657	651.957	722.684
906.657	651.957	722.685
906.657	651.957	722.686
906.657	651.957	722.902
906.657	651.957	722.908
906.711	651.955	711.651
906.711	651.955	711.660
906.711	651.955	711.680
906.711	651.955	711.685
906.711	651.955	722.683
906.711	651.955	722.684
906.711	651.955	722.686
906.711	651.955	722.902
906.711	651.955	722.908
906.711	651.956	711.651
906.711	651.956	711.660
906.711	651.956	711.680
906.711	651.956	711.685
906.711	651.956	722.683
906.711	651.956	722.684
906.711	651.956	722.686
906.711	651.956	722.902

906.711	651.956	722.908
906.711	651.957	711.651
906.711	651.957	711.660
906.711	651.957	711.680
906.711	651.957	711.685
906.711	651.957	722.683
906.711	651.957	722.684
906.711	651.957	722.686
906.711	651.957	722.902
906.711	651.957	722.908
906.713	651.955	711.651
906.713	651.955	711.660
906.713	651.955	711.680
906.713	651.955	711.685
906.713	651.955	722.683
906.713	651.955	722.684
906.713	651.955	722.685
906.713	651.955	722.686
906.713	651.955	722.902
906.713	651.955	722.908
906.713	651.956	711.651
906.713	651.956	711.660
906.713	651.956	711.680
906.713	651.956	711.685
906.713	651.956	722.683
906.713	651.956	722.684
906.713	651.956	722.685
906.713	651.956	722.686
906.713	651.956	722.902
906.713	651.956	722.908
906.713	651.957	711.651
906.713	651.957	711.660
906.713	651.957	711.680
906.713	651.957	711.685
906.713	651.957	722.683
906.713	651.957	722.684
906.713	651.957	722.685
906.713	651.957	722.686
906.713	651.957	722.902
906.713	651.957	722.908
906.731	651.955	711.651
906.731	651.955	711.660
906.731	651.955	711.680

906.731	651.955	711.685
906.731	651.955	722.683
906.731	651.955	722.684
906.731	651.955	722.686
906.731	651.955	722.902
906.731	651.955	722.908
906.731	651.956	711.651
906.731	651.956	711.660
906.731	651.956	711.680
906.731	651.956	711.685
906.731	651.956	722.683
906.731	651.956	722.684
906.731	651.956	722.686
906.731	651.956	722.902
906.731	651.956	722.908
906.731	651.957	711.651
906.731	651.957	711.660
906.731	651.957	711.680
906.731	651.957	711.685
906.731	651.957	722.683
906.731	651.957	722.684
906.731	651.957	722.686
906.731	651.957	722.902
906.731	651.957	722.908
906.733	651.955	711.651
906.733	651.955	711.660
906.733	651.955	711.680
906.733	651.955	711.685
906.733	651.955	722.683
906.733	651.955	722.684
906.733	651.955	722.685
906.733	651.955	722.686
906.733	651.955	722.902
906.733	651.955	722.908
906.733	651.956	711.651
906.733	651.956	711.660
906.733	651.956	711.680
906.733	651.956	711.685
906.733	651.956	722.683
906.733	651.956	722.684
906.733	651.956	722.685
906.733	651.956	722.686
906.733	651.956	722.902

906.733	651.956	722.908
906.733	651.957	711.651
906.733	651.957	711.660
906.733	651.957	711.680
906.733	651.957	711.685
906.733	651.957	722.683
906.733	651.957	722.684
906.733	651.957	722.685
906.733	651.957	722.686
906.733	651.957	722.902
906.733	651.957	722.908
906.735	651.955	711.651
906.735	651.955	711.660
906.735	651.955	711.680
906.735	651.955	711.685
906.735	651.955	722.683
906.735	651.955	722.684
906.735	651.955	722.685
906.735	651.955	722.686
906.735	651.955	722.902
906.735	651.955	722.908
906.735	651.956	711.651
906.735	651.956	711.660
906.735	651.956	711.680
906.735	651.956	711.685
906.735	651.956	722.683
906.735	651.956	722.684
906.735	651.956	722.685
906.735	651.956	722.686
906.735	651.956	722.902
906.735	651.956	722.908
906.735	651.957	711.651
906.735	651.957	711.660
906.735	651.957	711.680
906.735	651.957	711.685
906.735	651.957	722.683
906.735	651.957	722.684
906.735	651.957	722.685
906.735	651.957	722.686
906.735	651.957	722.902
906.735	651.957	722.908

Attachments

01.JPG:



02.JPG:



03.JPG:



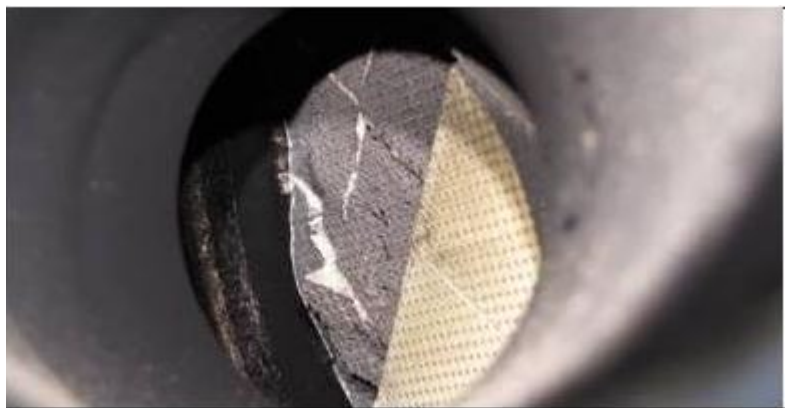
04.JPG:



05.JPG:



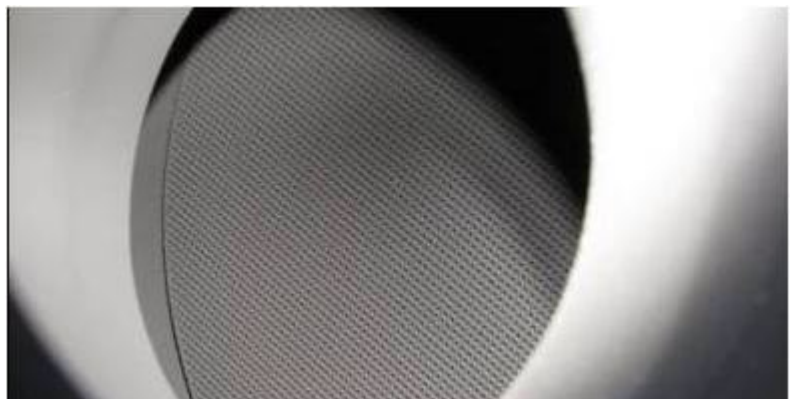
06.JPG:



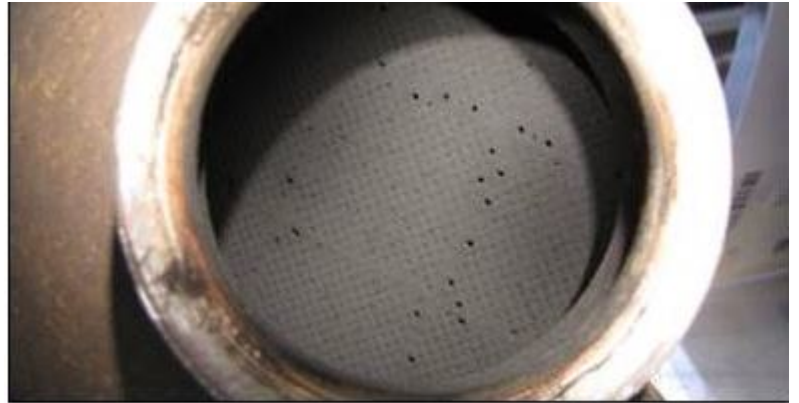
07.JPG:



08.JPG:



09.JPG:



10.JPG:

