



SERVICE ALERT

SA-18-014 P24FE DIAGNOSTIC TROUBLE CODE

SUPERSEDES SA-18-009

GROUP: 0-GENERAL
BULLETIN NO: SA-18-014
DATE: 7-16-2018

Release Date:	7/16/2018
Affected Years:	18MY-19MY
Affected Models:	Conventional Trucks Equipped with a J08 Engine or COE Trucks with a J05 Engine
Attention:	Service Managers / Service Personnel / Technical Service Managers

SUBJECT:

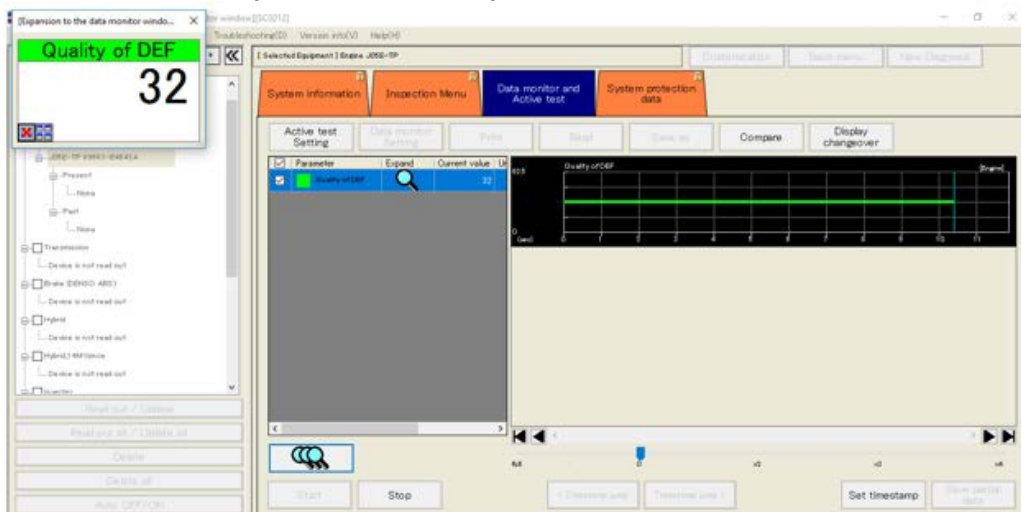
Engineering is currently investigating the cause of DTC P24FE. If a unit arrives with this DTC, please follow the procedure below.

- 1) Is the P24FE detected when using DX2?
Yes – proceed to step 2.
No – this service alert does not apply.
- 2) Check the DEF quality using DX2 path below. Is the DEF quality value between 30 and 35?

DX2 > Diagnosis > Engine ECU > Data Monitor and Active Test > Data Monitor Setting > Quality of DEF (parameter 271)

Yes – proceed to step 3.

No – Drain the DEF, fill with the proper quality, update the ECU if available and proceed to step 5.

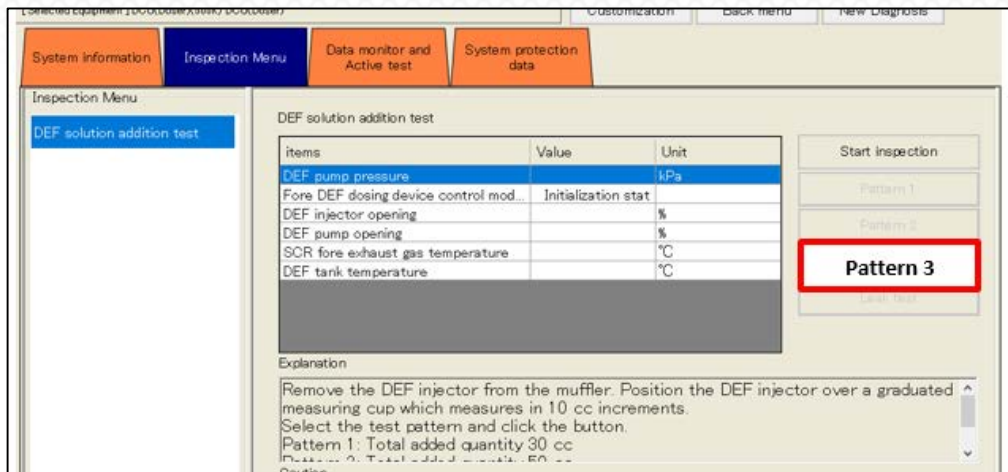


3) Using DX2, perform the DEF solution addition test (pattern 3) and follow the instructions. Does the test pass?

DX2 > Diagnosis > DCU > Inspection Menu > DEF Solution Addition Test > Start Inspection > Pattern 3 (150cc)

Yes – proceed to step 4.

No – replace the DEF injector and update the ECU if an update is available. Proceed to step 5.

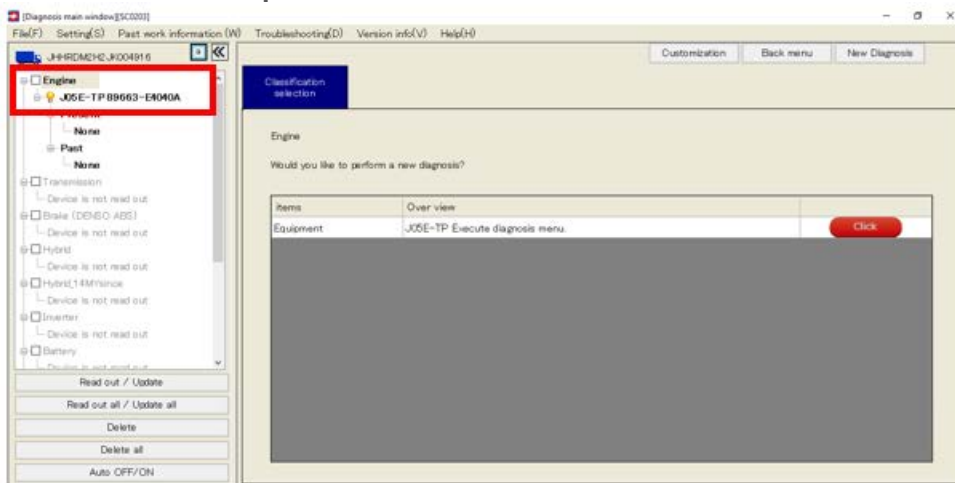


4) Using DX2, check the software level and is the yellow light bulb illuminated?

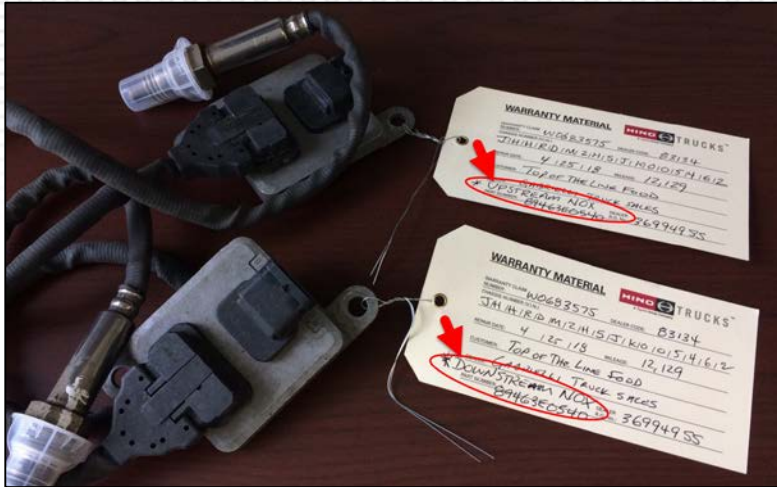
DX2 > Reprogramming > 300 or 600 Series > Engine ECU or verify while in Diagnosis; DX2 > Diagnosis > 300 or 600 Series > Engine ECU

Yes – Update the ECU, proceed to step 5.

No – replace both upstream and downstream NOx sensors. Proceed to step 5.

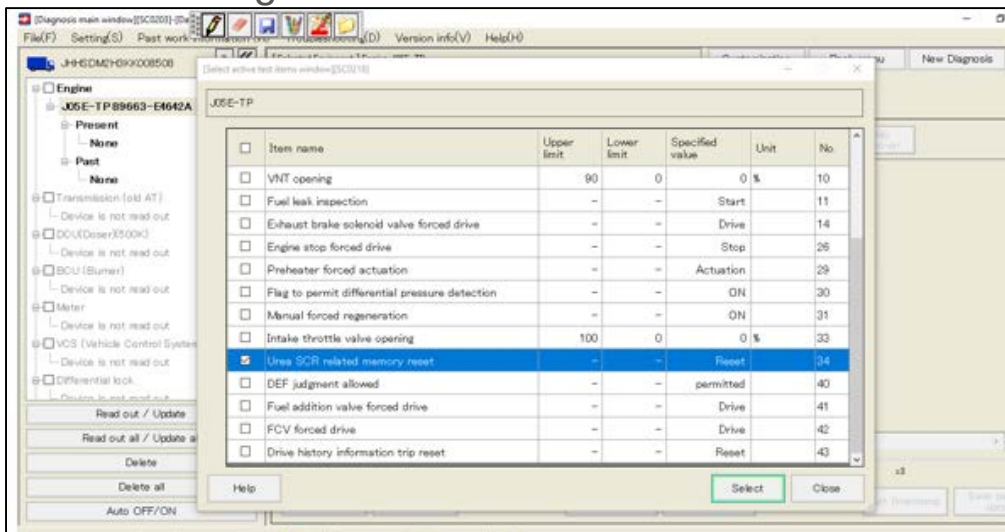


Note: If the SCR upstream NOx sensor, the SCR downstream NOx sensor are replaced, properly identify the part and claim information on a warranty tag. Also, note whether it was the downstream (down) or upstream (up) sensor on the tag.



5) Clear the DTC, reset the SCR memory data and release the truck. Refer to tech tip 14-025 if necessary.

DX2 > Diagnosis > Engine ECU > Data Monitor and Active Test > Active Testing Setting > Urea SCR Related Memory Reset (parameter 34) > Select > Start > Stop Once complete, click New Diagnosis to end the DX2 session.



Sincerely,

Your HINO Service Team

