TECHNICAL SERVICE INFORMATION No. 02/2021 12/04/2021

Heavy Commercial Vehicles

Information bulletin to be circulated to:	Service Manager	Warranty Manager	Parts Manager	Master Technician	Service Consultant	BMIS
	✓	✓	✓	✓	✓	✓

Subject	Intarder Cooling System, replacement of metal pipes
Variant	All vehicles that have intarder
Abstract	This technical bulletin describes the transition to installation design with an O-clip in order to prevent bracket problems caused by metal pipes in the Ford Trucks Intarder Cooling System

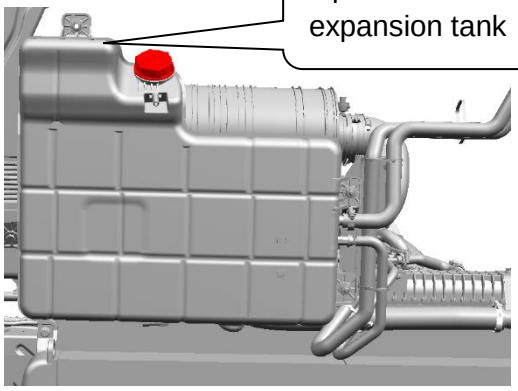
Parts to be Used

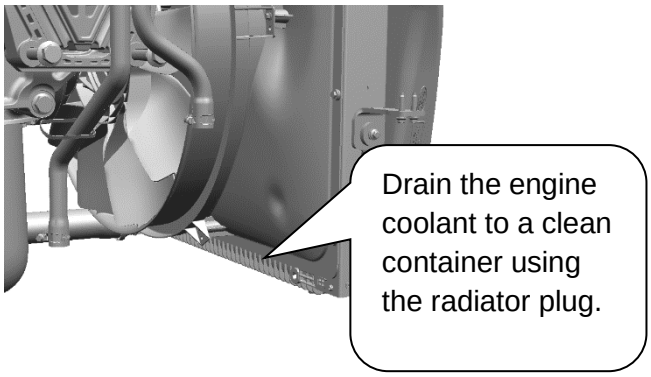
Part Number	Part Name	Quantity
Metal pipe on the engine (intarder intake)	**KC46-7K337-BB**	**1**
Metal pipe on the engine (intarder return)	**KC46-7K378-BA**	**1**
Metal pipe on the transmission (intarder intake)	**KC46-7K337-AA**	**1**
Metal pipe on the transmission (intarder return)	**KC46-7K378-AA**	**1**
O-Clip-1.2mm	**DC46-721488-AA**	**4**
O-Clip-3mm	**LC46-721488-AA**	**4**
Bracket	**KC46-6A960-D***	**1**
Bracket	**KC46-6A960-C***	**1**
Bracket	**KC46-6A960-B***	**1**
Bracket	**KC46-6A960-A***	**1**
Bolt	**W500233-S442**	**4**
Bolt	**W500225-S442**	**4**

Labour

Labor Code	Labor Name	Time (h)
12C127	Intarder Pipe Replacement	1.5

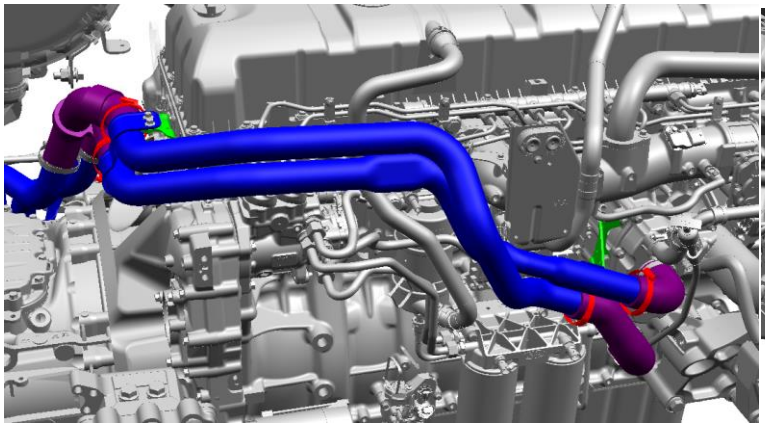
Drive the vehicle to a suitable place and stop it there, raise the bonnet

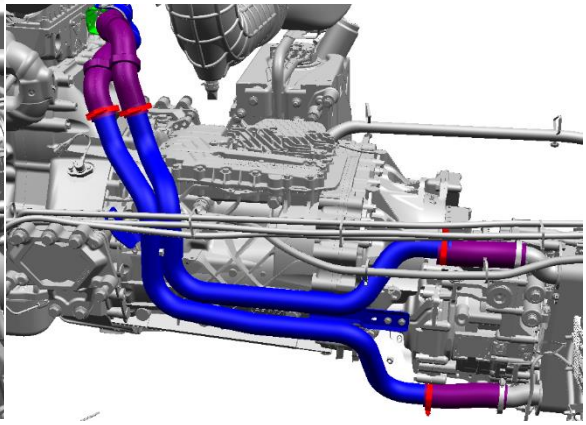




Remove the clamps on the hose-metal pipe connections,

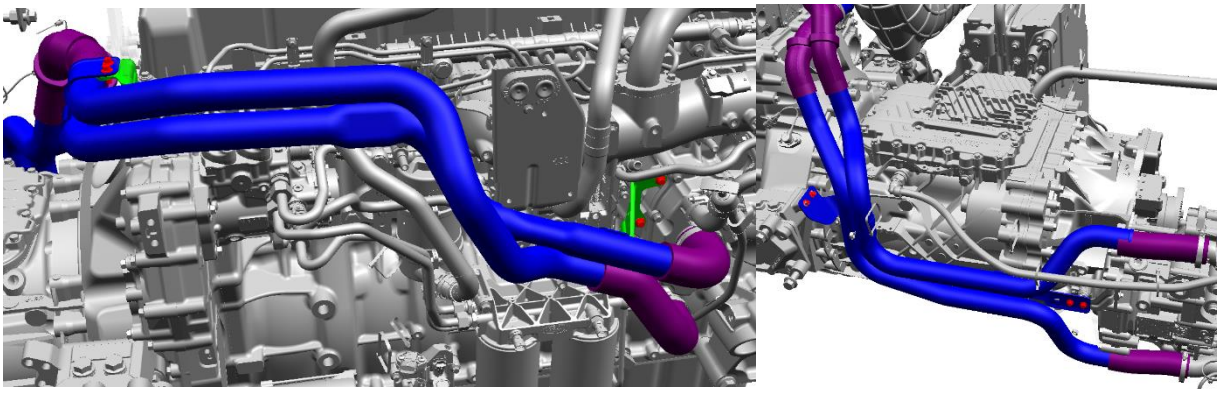
Then, remove the hoses from metal pipes.





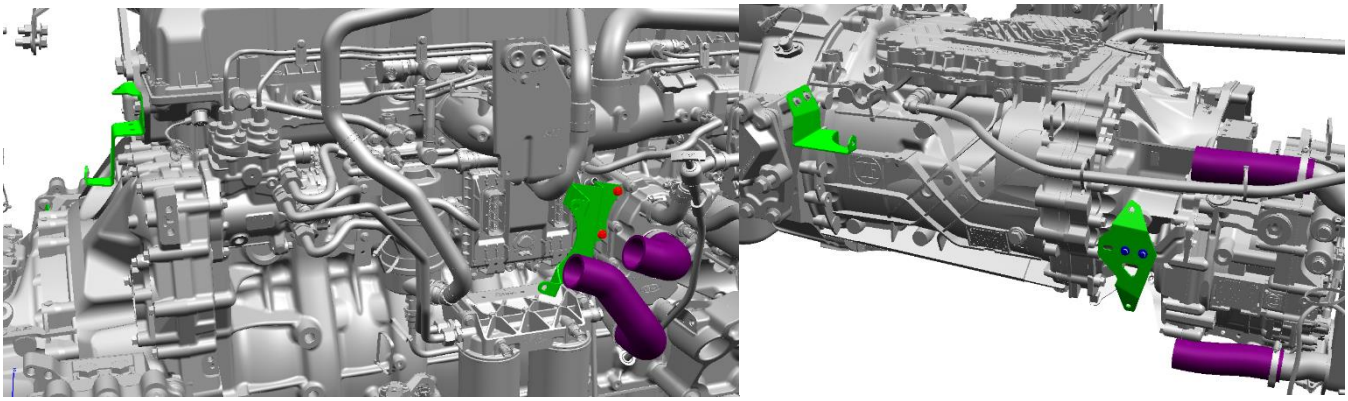
Remove the connection bolts of metal pipe brackets.

Remove the metal pipes and brackets.

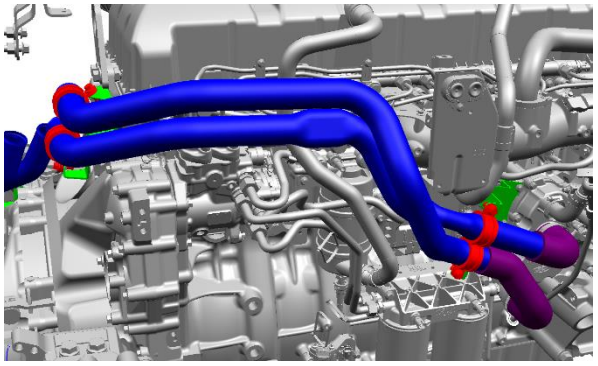


Install new bracket to their positions and complete the tightening of bolts to the specified torque values.

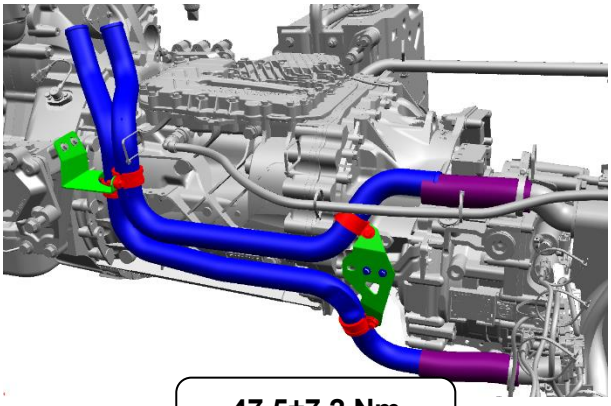
25±3.8 Nm



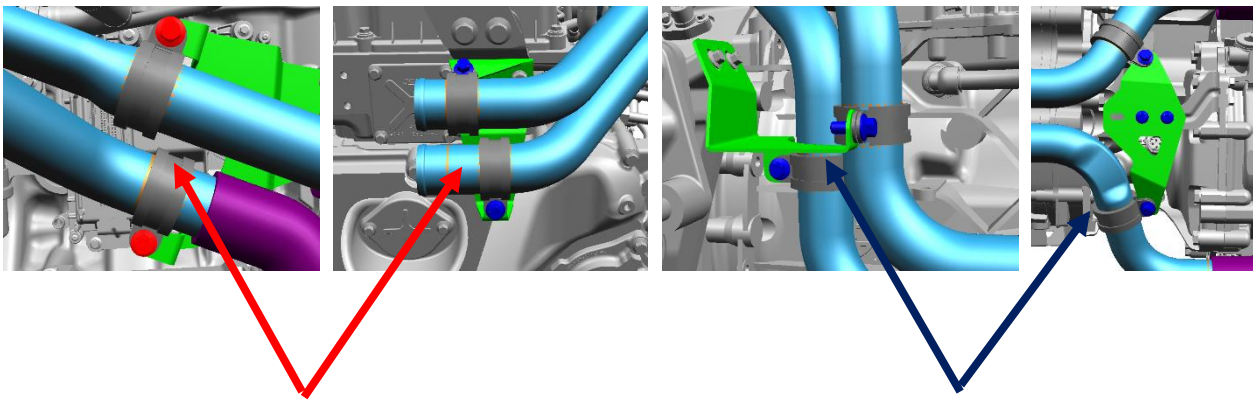
Place new metal pipes to their positions and position the O-clips between the markings. Then, tighten the bolts to the specified torque values.



25±3,8 Nm



47,5±7,2 Nm

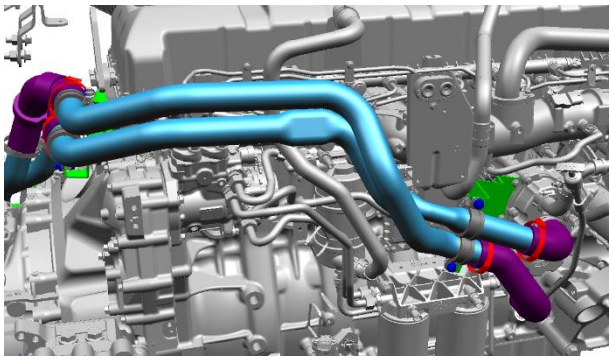


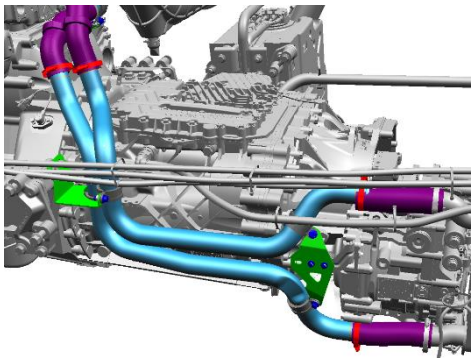
O-Clip: LC46-721488-AA x

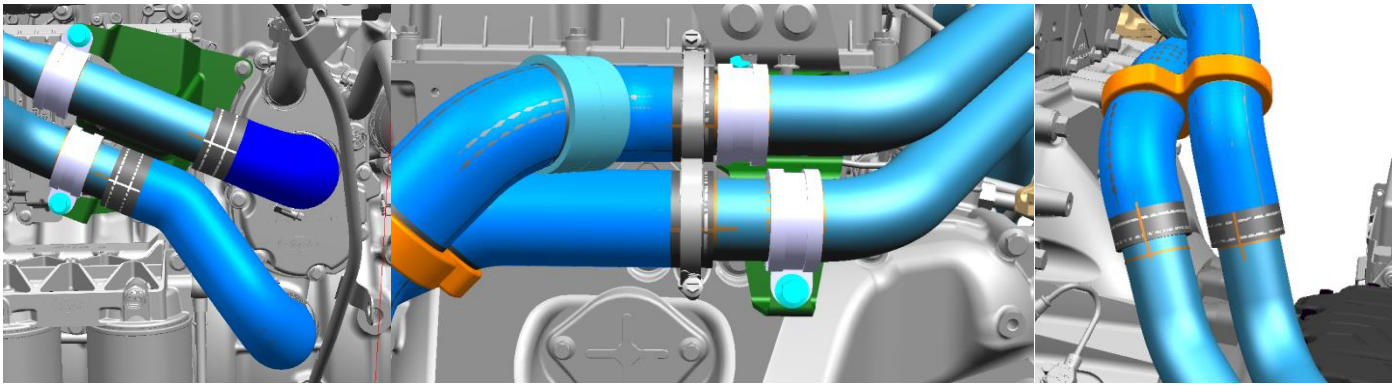
O-Clip: DC46-721488-AA x

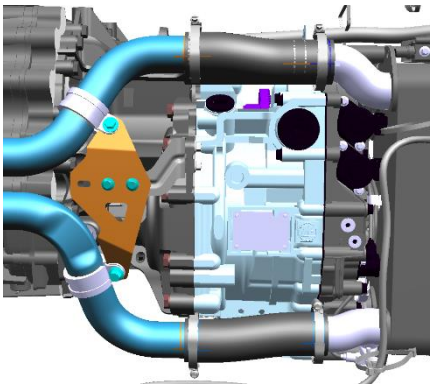
Insert hoses to metal pipes and position as per the aligning lines. Then, tighten the clamps and complete the operation.

5.4±0.5 Nm









Regards,

Ford Trucks Service Engineering