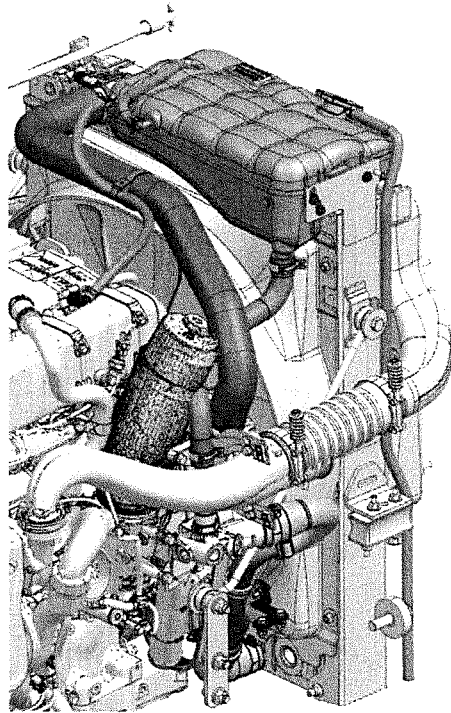
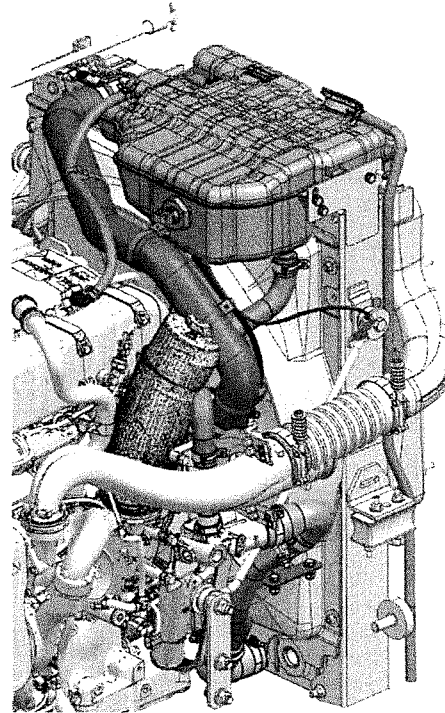


RELEASE NUMBER	REV LTR	REVISION DESCRIPTION	BY	DATE	APPD
P47894-06	-	INITIAL RELEASE	J_A	01/25/22	JBN



DD5 MT PREVIOUS SURGE TANK



DD5 MT NEW SURGE TANK

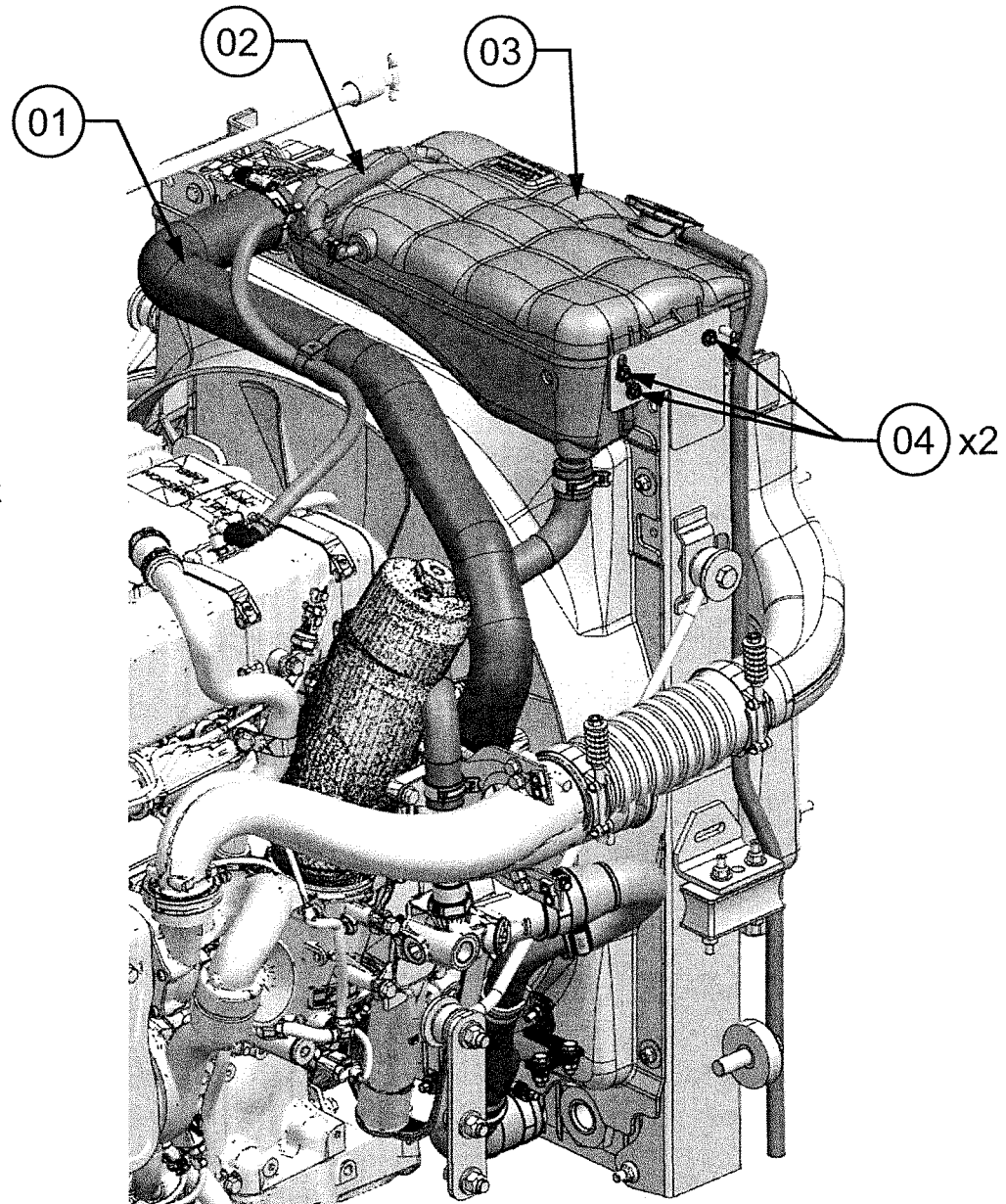
DELIVERY MUST CONFORM EXACTLY WITH DRAWING SPECIFICATIONS AND, WHERE REQUIRED BY Q.A., WITH APPROVED Q.A. SAMPLES. ABSOLUTELY NO CHANGES ARE PERMITTED WITHOUT PRIOR APPROVAL BY DTNA. THIS INCLUDES CHANGES TO: SOFTWARE, MATERIALS, INTERNAL COMPONENTS, MANUFACTURING PROCESSES.

1. MODULE 346 HIDDEN FOR CLARITY.
2. TORQUE HARDWARE PER TORQUE SPECS IN RESPECTIVE BOMS.

ITEM NUMBER 05-37437-001 DESCRIPTION KIT-TANK,SURGE,MT,DD5,ECR HOSE		ITEM NUMBER 05-37437-000 DESCRIPTION KIT-TANK,SURGE,MT,DD5,RBR HOSE		DAIMLER		Daimler Trucks North America			
				<small>THE INFORMATION CONTAINED HEREIN IS PROPRIETARY DATA, AND IS NOT FOR DISSEMINATION OR DISCLOSURE, IN WHOLE OR IN PART, FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT IS SUBMITTED, EXCEPT AS AUTHORIZED IN WRITING BY DAIMLER TRUCKS NORTH AMERICA LLC. (DTNA)</small>					
MATERIAL APPROVAL		DATE		<small>UNLESS OTHERWISE NOTED, DIMENSIONS AND TOLERANCES ARE DEFINED ACCORDING TO ASME Y14.5M-1994, WITH EXCEPTION PER DTNA 09ENG-WI037</small>					
N/A		N/A							
DRAWN BY J.ASHMAN		DATE 01/25/22							
CHECKED BY J.NEBLETT		DATE 01/25/22							
RESPONSIBLE ENGINEER		DATE		THIRD ANGLE PROJECTION		UNITS OF MEASURE MM			
J.ASHMAN		01/25/22							
APPROVED BY J.NEBLETT		DATE 01/25/22							
DESCRIPTION KIT-TANK,SURGE,MT,DD5									
SUPPLEMENTAL DESCRIPTION 267A1									
ITEM/DRAWING NUMBER						REVISION LETTER		PAGE	
05-37437						-		1 of 5	

PREVIOUS SURGE TANK UNINSTALL INSTRUCTIONS:

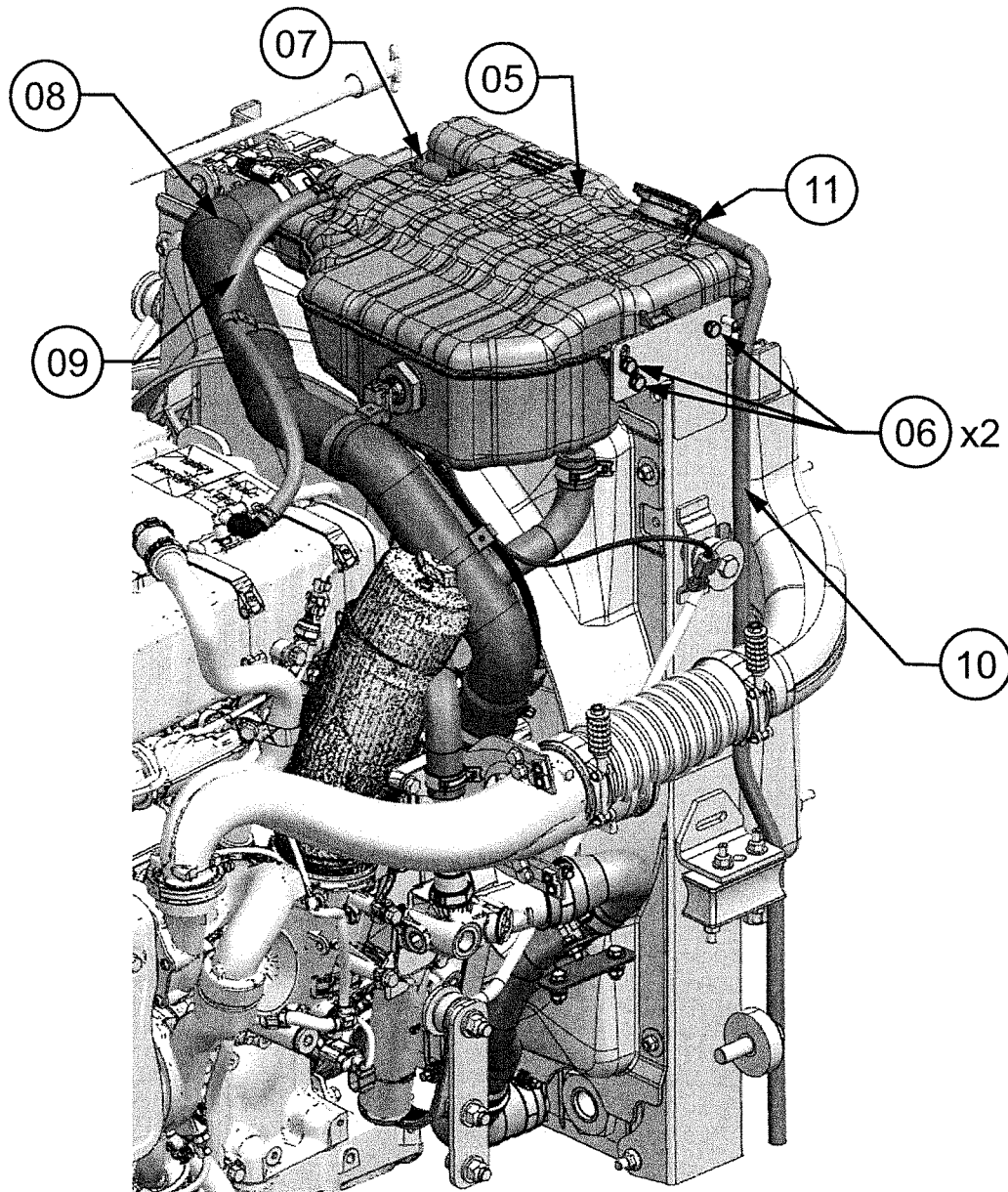
1. Disconnect electrical harness and all hoses from surge tank.
2. Disconnect hose (01).
3. Discard hoses (01 and 02).
4. Remove and discard previous surge tank (03) and mounting bolts (04).



NEW SURGE TANK INSTALL INSTRUCTIONS:

NOTE: FOLLOW ALL INSTRUCTIONS IN
INSTALL DRAWINGS D05-34413 AND
D05-35856, OR MOST RECENT
REPLACEMENTS.

1. Install new surge tank (05) with bolts & washers (06) per install drawing.
 - a) On 4x bolts i) without P-clips, and ii) with sufficient clearance, add flat washers between lock washers and bracket per install drawing.
 - b) Torque bolts per spec in BOM.
2. Install formed hoses (07 and 08) with existing hose clamps per install drawings.
3. Reconnect existing hoses (09 and 10) with existing hose clamps.
4. Install new hose clamp (11).
 - a) Rotate hose clamp (11) to avoid interference with surge tank cap.

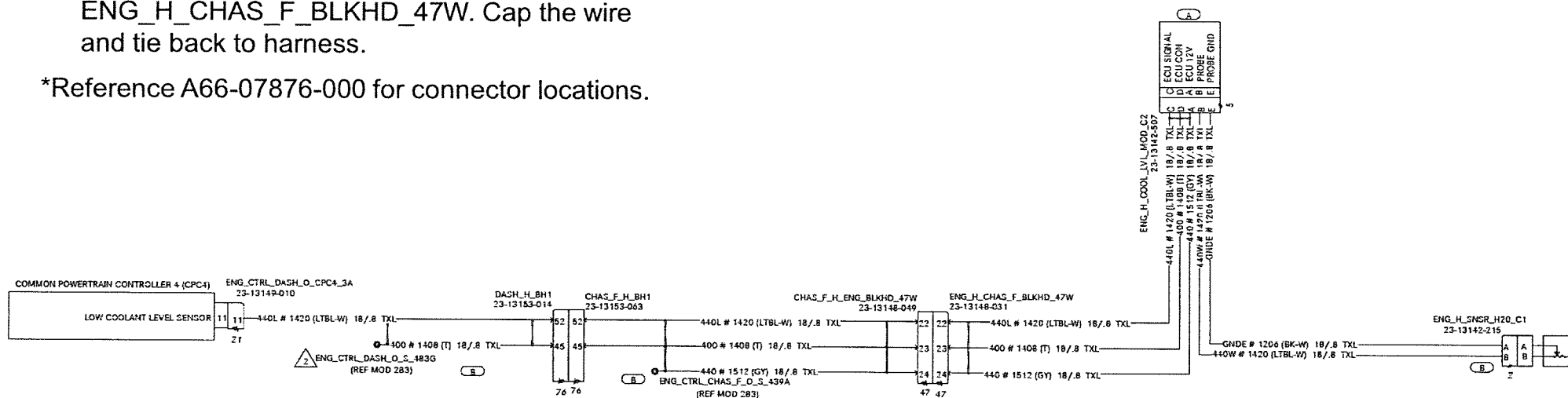


PREVIOUS SURGE TANK HARNESS UNINSTALL INSTRUCTIONS:

1. Remove the low coolant module.
2. Cut and cap each wire individually at the connector ENG_H_COOL_LVL_MOD_C2. Tie back to harness.
3. Cut and cap each wire individually at the connector ENG_H_SNSR_H2O_C1. Tie back to harness.
4. Remove the wire from pin 22 at connector ENG_H_CHAS_F_BLKHD_47W. Cap the wire and tie back to harness.

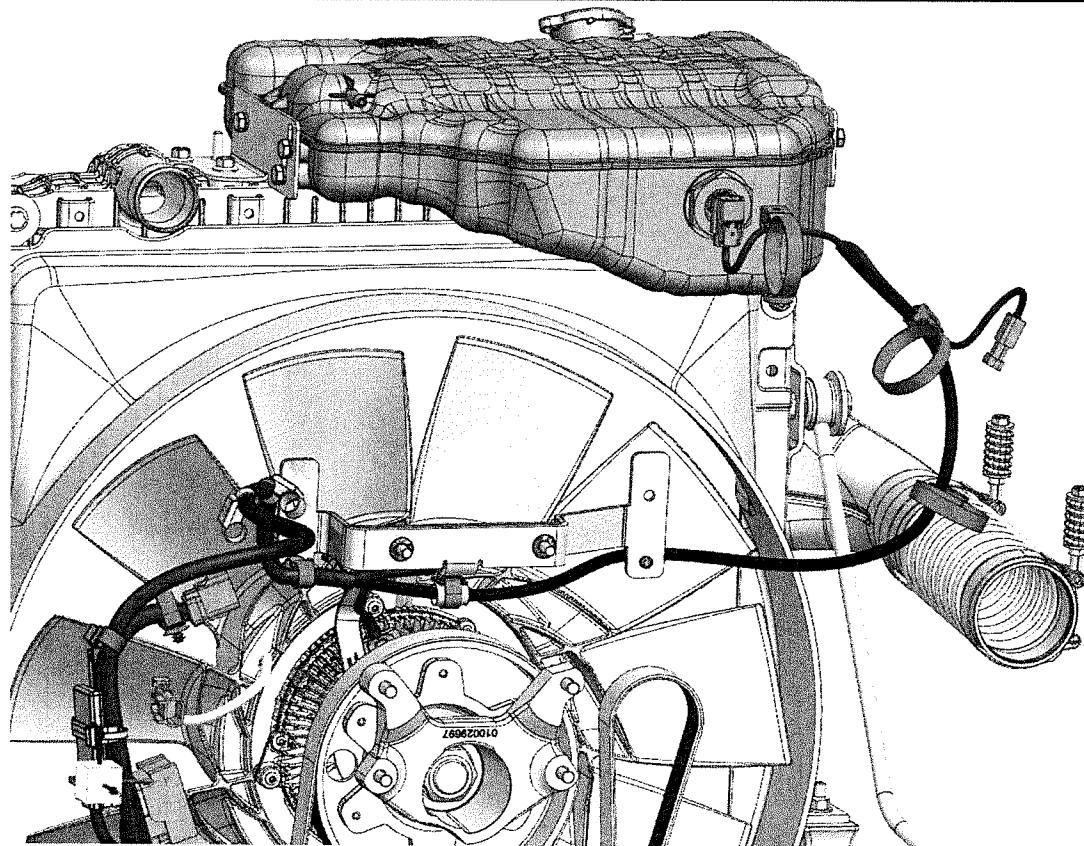
*Reference A66-07876-000 for connector locations.

PREVIOUS HARNESS (G66-07872-000)
SHOWN BELOW FOR REFERENCE



NEW SURGE TANK HARNESS INSTALL INSTRUCTIONS:

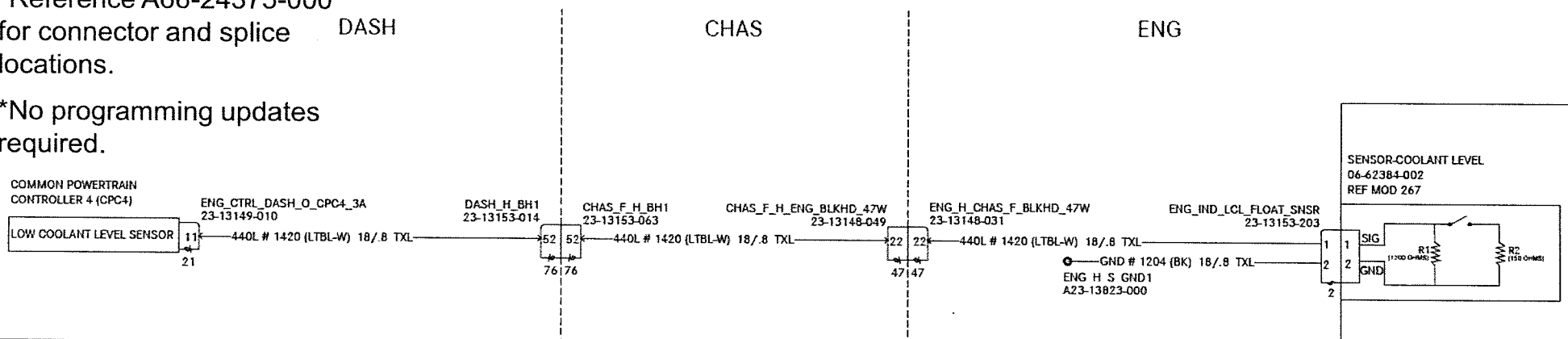
- Add conduit to protect wires for the steps below.
 - Will need new connector 23-13153-203 for new coolant level sensor.
1. Add an 18 TXL wire (3500 mm at least) from pin 1 of new connector "ENG_H_SNSR_H20_C1" (23-13153-203) going to pin 22 of existing connector "ENG_H_CHAS_F_BLKHD_47W."
 2. Add an 18 TXL wire (3600 mm at least) from pin 2 of new connector "ENG_H_SNSR_H20_C1" (23-13153-203) going to splice "ENG_H_S_GND1."
 3. Route along engine harness, tie-banding the new conduit covered wires to the harness along the way.



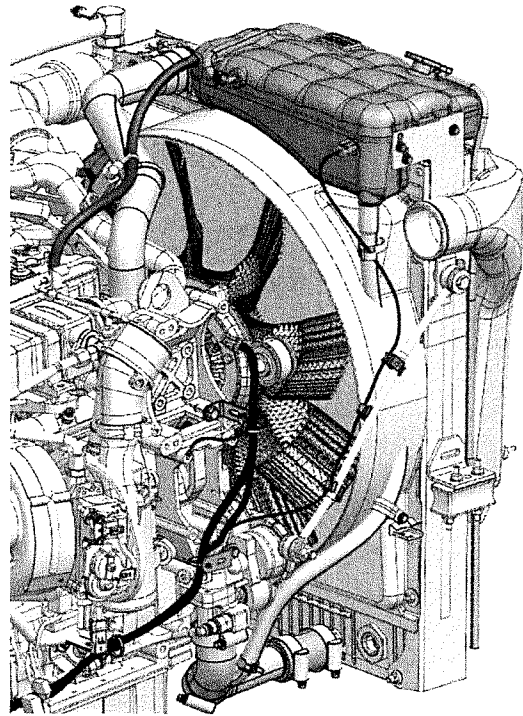
NEW HARNESS (G66-24374-000) SHOWN BELOW FOR REFERENCE

*Reference A66-24375-000
for connector and splice DASH
locations.

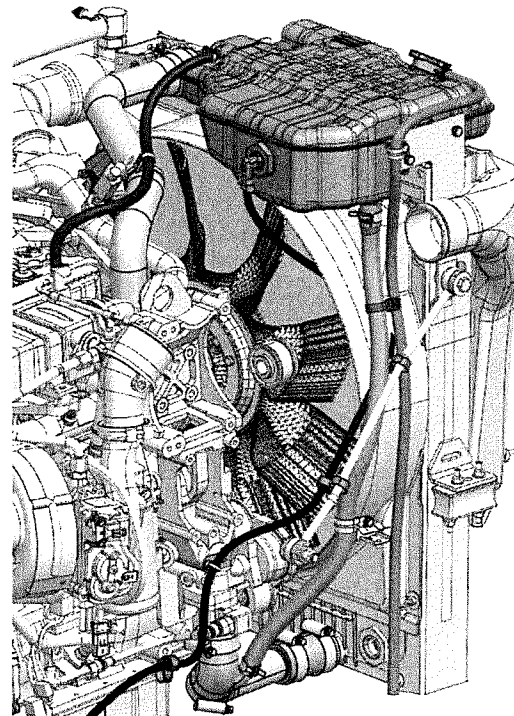
*No programming updates
required.



RELEASE NUMBER	REV LTR	REVISION DESCRIPTION	BY	DATE	APPD
P47894-06	-	INITIAL RELEASE	J_A	01/25/22	JBN



B6.7 MT PREVIOUS SURGE TANK



B6.7 MT NEW SURGE TANK

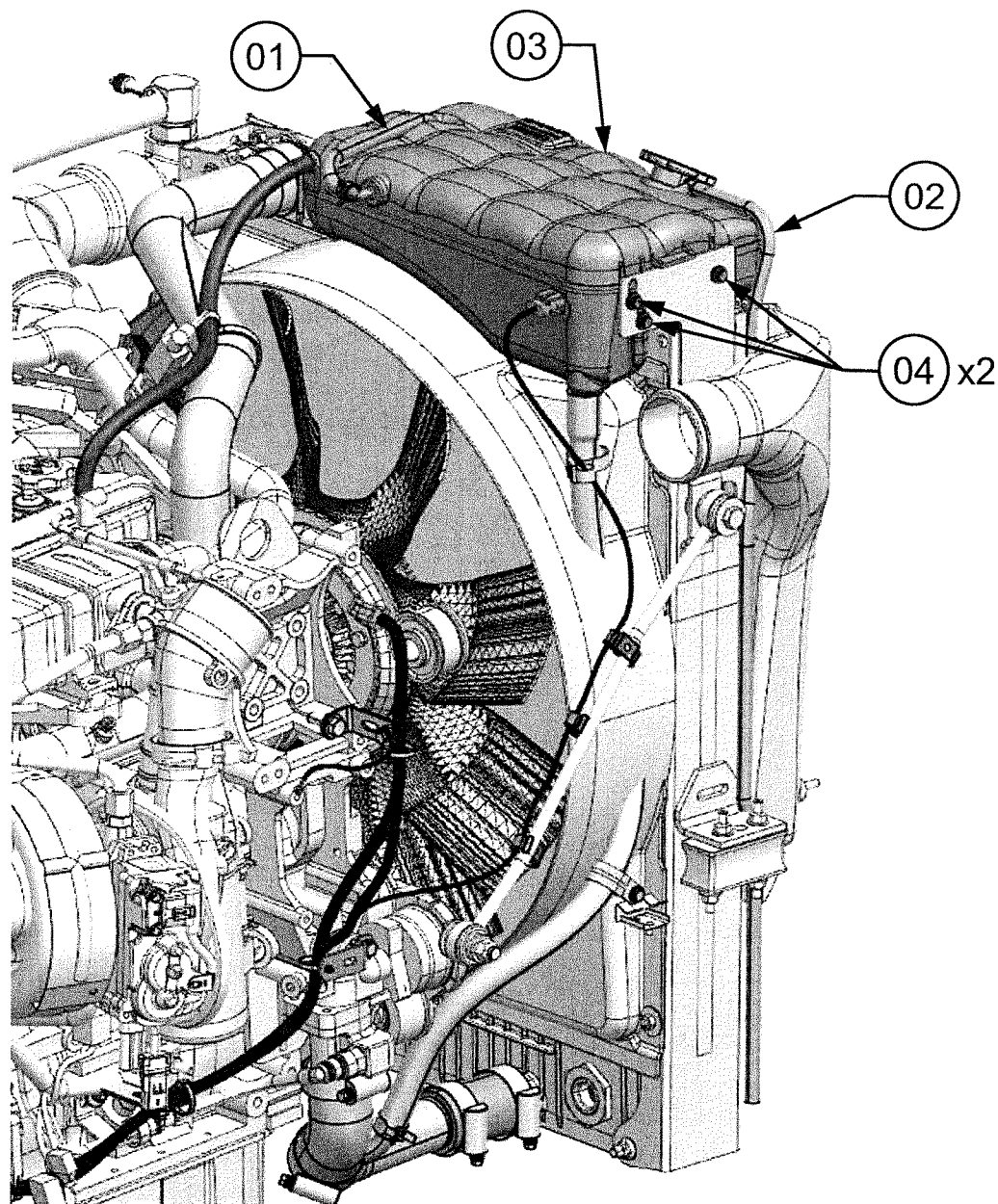
DELIVERY MUST CONFORM EXACTLY WITH DRAWING SPECIFICATIONS AND, WHERE REQUIRED BY Q.A., WITH APPROVED Q.A. SAMPLES. ABSOLUTELY NO CHANGES ARE PERMITTED WITHOUT PRIOR APPROVAL BY DTNA. THIS INCLUDES CHANGES TO: SOFTWARE, MATERIALS, INTERNAL COMPONENTS, MANUFACTURING PROCESSES.

1. MODULES 261 & 346 HIDDEN FOR CLARITY.
2. TORQUE HARDWARE PER TORQUE SPECS IN RESPECTIVE BOMS.

ITEM NUMBER		05-37211-002	DESCRIPTION		KIT-TANK,SURGE,MT,B67,SIL HOSE	ITEM NUMBER		05-37211-001	DESCRIPTION		KIT-TANK,SURGE,MT,B67,ECR HOSE	ITEM NUMBER		05-37211-000	DESCRIPTION		KIT-TANK,SURGE,MT,B67,RBR HOSE
DAIMLER			Daimler Trucks North America			THE INFORMATION CONTAINED HEREIN IS PROPRIETARY DATA, AND IS NOT FOR DISSEMINATION OR DISCLOSURE, IN WHOLE OR IN PART, FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT IS SUBMITTED, EXCEPT AS AUTHORIZED IN WRITING BY DAIMLER TRUCKS NORTH AMERICA LLC (DTNA)											
MATERIAL APPROVAL		DATE		UNLESS OTHERWISE NOTED, DIMENSIONS AND TOLERANCES ARE DEFINED ACCORDING TO ASME Y14.5M-1994, WITH EXCEPTION PER DTNA 09ENG-WI037													
DRAWN BY		DATE															
CHECKED BY		DATE															
RESPONSIBLE ENGINEER		DATE															
APPROVED BY		DATE															
THIRD ANGLE PROJECTION		UNITS OF MEASURE															
		MM															
KIT-TANK,SURGE,MT,B6.7																	
SUPPLEMENTAL DESCRIPTION 267A1																	
ITEM/DRAWING NUMBER												REVISION LETTER			PAGE		
05-37211												-			1 of 5		

PREVIOUS SURGE TANK UNINSTALL INSTRUCTIONS:

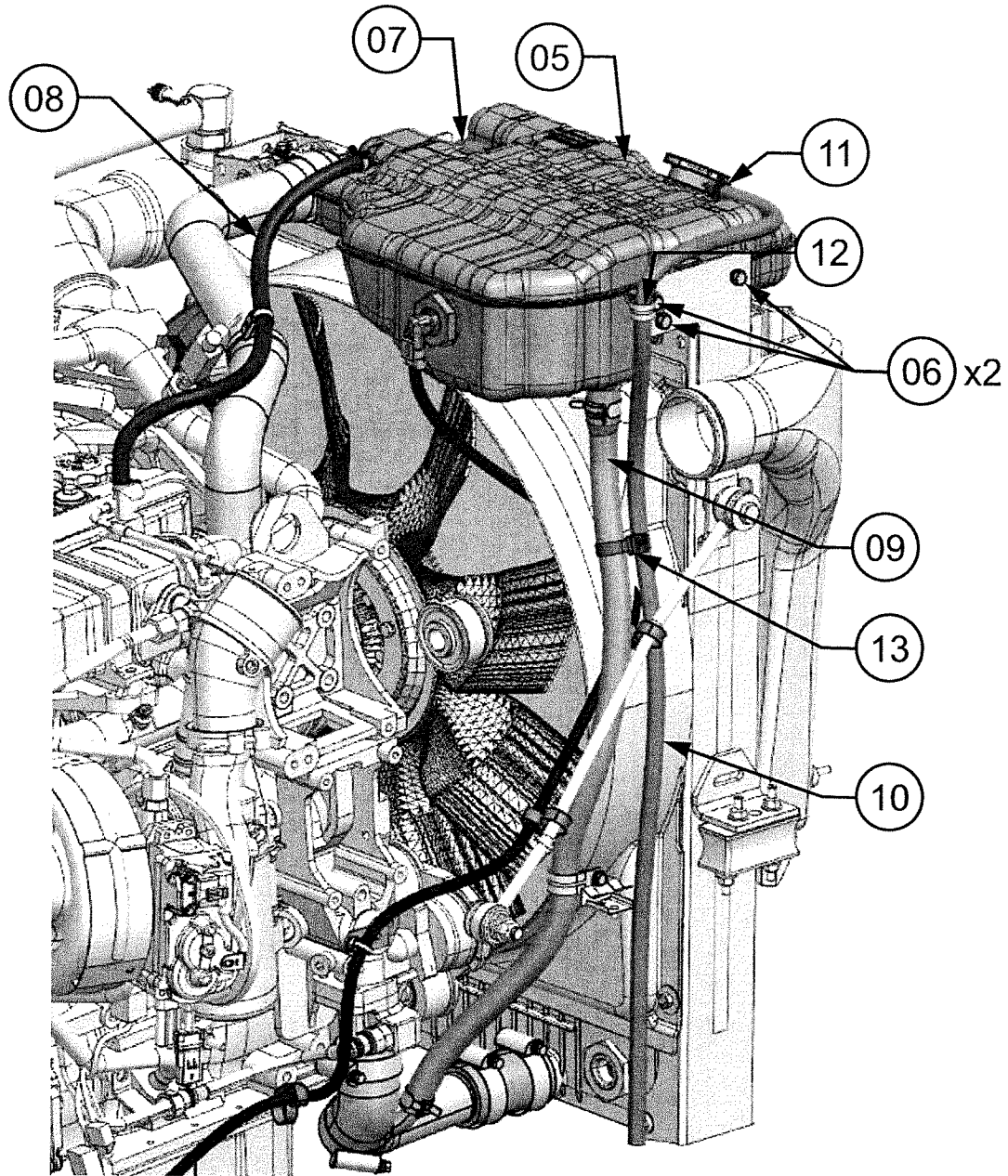
1. Disconnect electrical harness and all hoses from surge tank.
2. Discard hoses (01 and 02).
3. Remove and discard previous surge tank (03) and mounting bolts (04).



NEW SURGE TANK INSTALL INSTRUCTIONS:

NOTE: FOLLOW ALL INSTRUCTIONS IN
INSTALL DRAWINGS D05-34413
AND D05-36741, OR MOST RECENT
REPLACEMENTS.

1. Install new surge tank (05) with bolts & washers (06) per install drawing.
 - a) Install new drain hose (10), hose clamp (11), P-clip (12), and butterfly clip (13).
 - i. Rotate hose clamp (11) to avoid interference with surge tank cap.
 - b) On 4x bolts without P-clips, add flat washers between lock washers and bracket per install drawing.
 - c) Torque bolts per spec in BOM.
2. Install formed hose and hose clamps (07) per install drawing.
3. Reconnect existing hoses (08 and 09) with existing hose clamps.

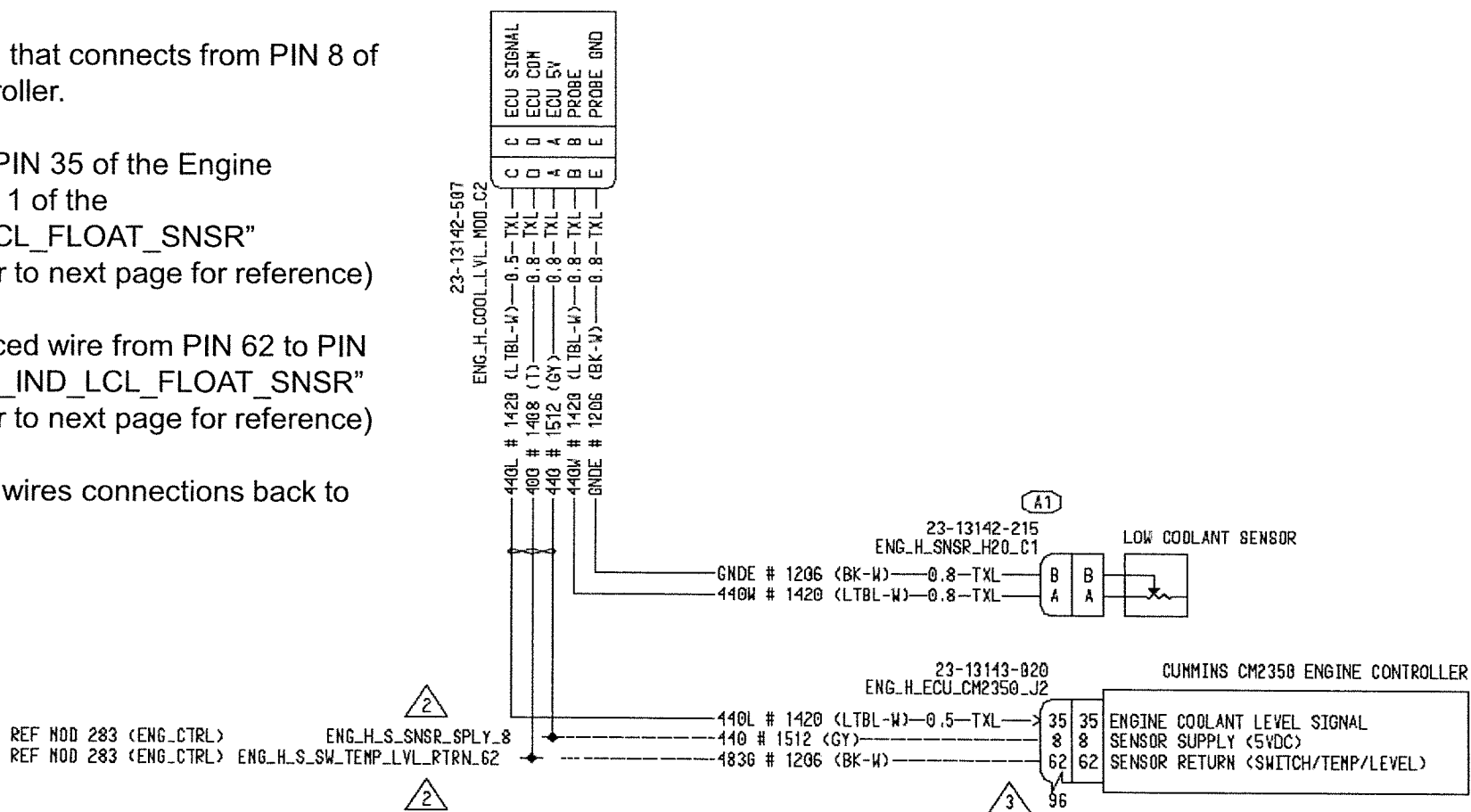


NEW SURGE TANK HARNESS INSTALL INSTRUCTIONS:

NOTE: FOLLOW THESE INSTRUCTIONS ONCE THE OLD LOW COOLANT SENSOR AND COOLANT MODULE HAVE BEEN REMOVED AND REPLACED WITH THE NEW SURGE TANK COMPONENTS.

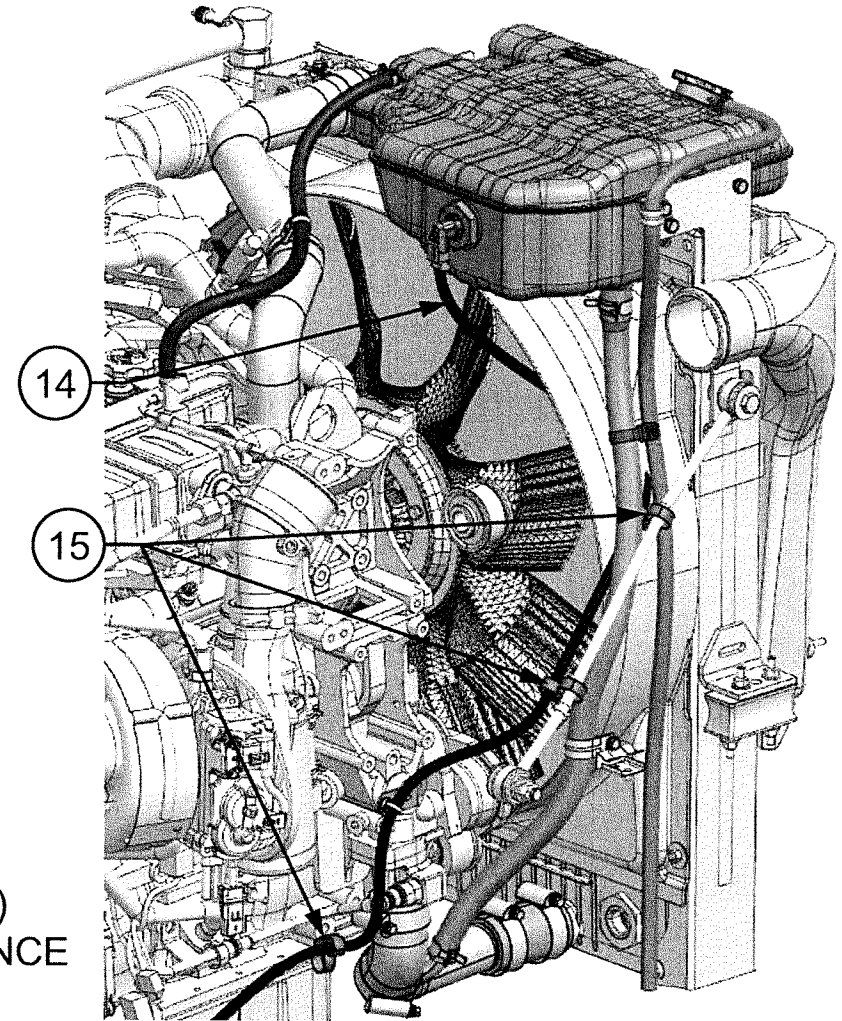
1. Remove the wire that connects from PIN 8 of the Engine Controller.
2. Connect wire in PIN 35 of the Engine Controller to PIN 1 of the "ENG_H_IND_LCL_FLOAT_SNSR" connector. (Refer to next page for reference)
3. Connect the spliced wire from PIN 62 to PIN 2 of the "ENG_H_IND_LCL_FLOAT_SNSR" connector. (Refer to next page for reference)
4. Zip tie any loose wires connections back to the harness.

PREVIOUS HARNESS (G06-88234)
SHOWN BELOW FOR REFERENCE



NEW SURGE TANK HARNESS INSTALL INSTRUCTIONS:

1. Route harness (14) using 4x butterfly clips (15) and connect to surge tank.



NEW HARNESS (G66-23996)
SHOWN BELOW FOR REFERENCE

