



INSTRUCTION TO SERVICE

ITS: 5184	
SECTION:	219 Engine and Transmission
WRITTEN BY:	Mike Pearson
SUBJECT:	Reroute the DEF pressure hose assembly

ITS5184

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PROCEDURE:

1. Turn the main battery disconnect switch to the “OFF” position.
2. If hot, allow sufficient time for the SCR and surrounding area to cool.
3. Locate and remove the SCR grille frame assembly and set aside for reuse later in this install.
4. Remove the locknuts that hold the DEF supply and coolant hose p-clips to the compartment floor, typical 3 places. See Figure 1.

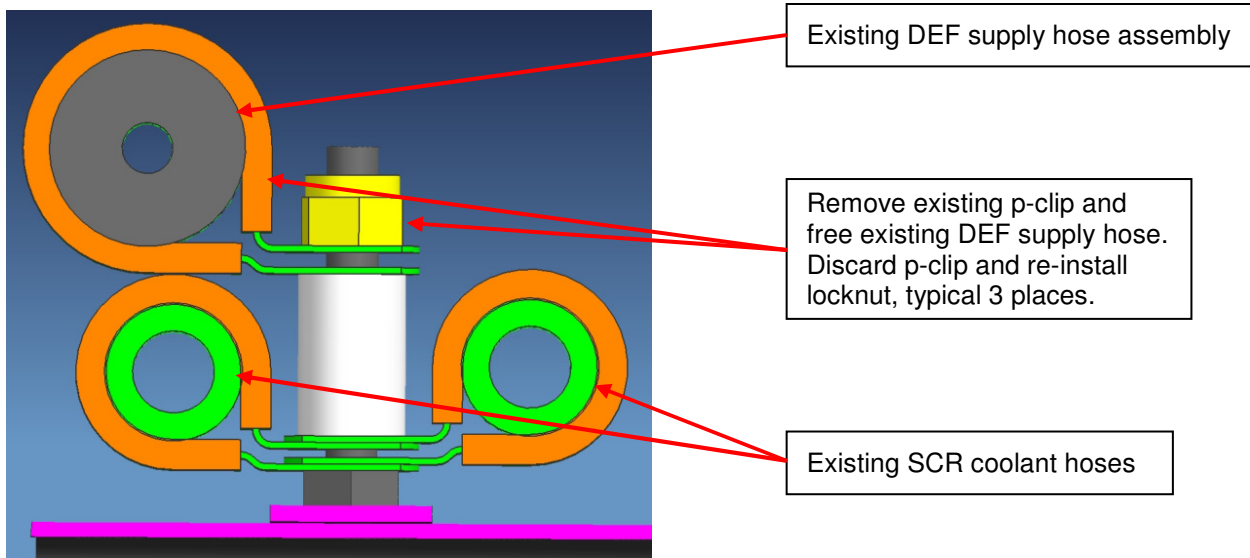


Figure 1: Existing DEF & Coolant Hose Configuration

5. Remove and discard the p-clips that are securing the DEF supply hose assembly only to the bottom of the SCR compartment and re-install the locknuts removed in previous step, typical in 3 places. See Figure 2.

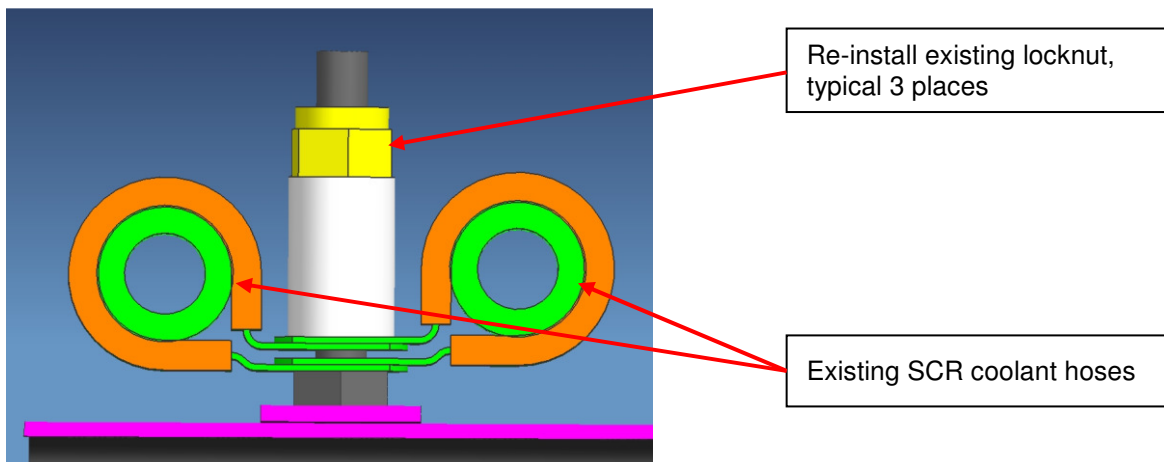


Figure 2: Re-worked Coolant Hose Configuration



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6. Examine the DEF supply hose assembly insulated wrap for any tears or gaps and repair as needed.
7. Secure the existing DEF supply hose assembly to the existing SCR harness bundle using evenly spaced tyrap p/n 5958112. Ensure the DEF supply hose makes a smooth transition with no rises. See Figure 3 & 4.

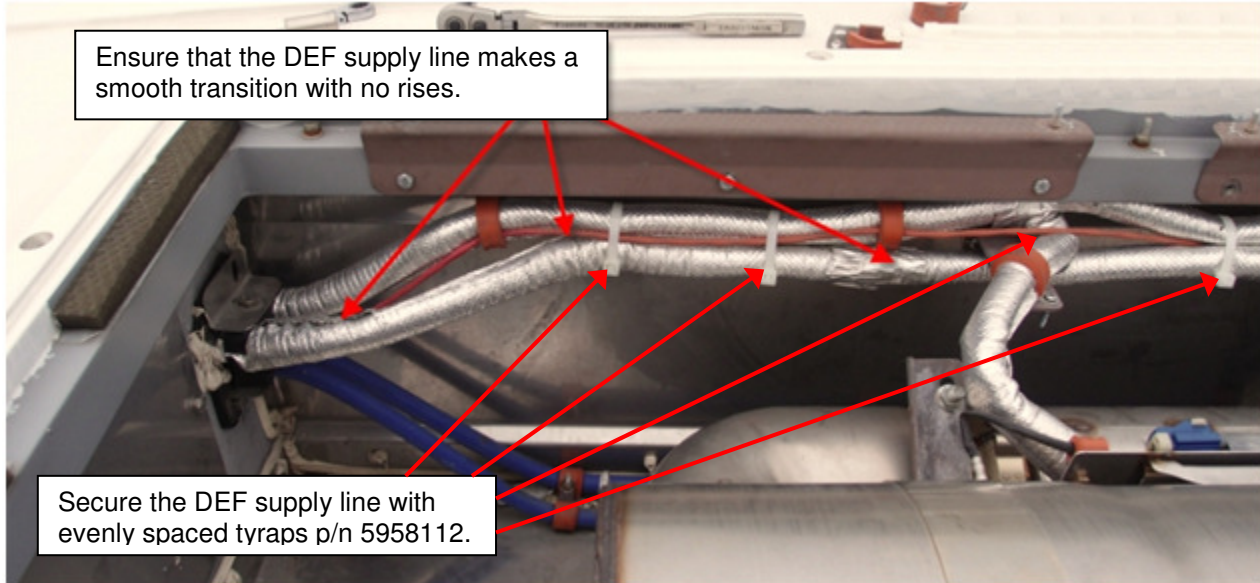


Figure 3: DEF Supply Hose Routing

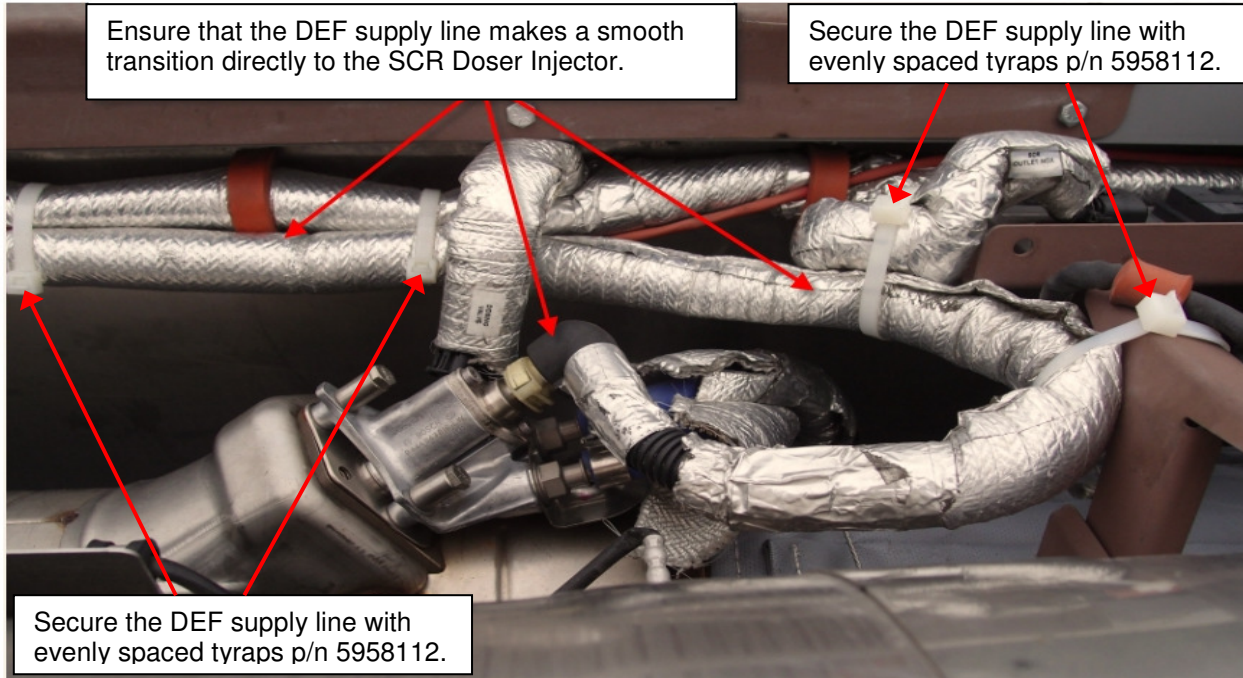


Figure 4: DEF Supply Hose Routing

8. Re-install the SCR grille frame assembly that was removed in Step 3 using the existing hardware.
9. Turn the main battery disconnect switch to the "ON" position.



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LABOUR ESTIMATE

	Operation	Men	Hours	Labour Time M X HR
1	Reroute the DEF pressure hose assembly	1	0.5	0.5

PARTS REQUIRED

Item	Part Number	Description	Qty. per Coach	Units	Notes
1	5958112	Tyrap-7.0" Black	8	EA	
2	165544	Loom-Thermo-L-Wrap 1"	2.0	EA	Use as needed
3	001567	Tape-Foil	2	FT	Use as needed

SPECIAL TOOLS REQUIRED

Item	Part Number	Description	Qty. per Coach	Units	Notes
1	N/A	N/A	N/A	N/R	