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INSTRUCTION TO SERVICE ITS: 3419

SECTION: 231	MODEL: <input type="checkbox"/> 30FT <input type="checkbox"/> 35FT <input checked="" type="checkbox"/> 40FT <input type="checkbox"/> 60FT	TYPE: <input type="checkbox"/> HIGH FLOOR	WRITTEN BY: Bik Dhaliwal
COOLING SYSTEM	<input checked="" type="checkbox"/> DSL <input type="checkbox"/> CNG <input type="checkbox"/> LNG <input type="checkbox"/> ELEC	<input checked="" type="checkbox"/> LOW FLOOR	DRAFT

OBJECTIVE/SUBJECT:

Replace hydraulic line 298746 with flex hose 321287 as per EAD-4761

PROCEDURE:

1. Turn the main battery disconnect switch to the "OFF" position.
 2. Raise coach in accordance with the New Flyer Service Manual or use a service pit.
 3. Open the rear engine access door.
- NOTE:** Place a drip tray underneath at the ends of the hydraulic line NF PN 298746 and hydraulic manifold to catch any fluid runoff.
4. Undo the clamps retaining the hydraulic line (NF PN 298746). Store hardware for reinstallation.
 5. Disconnect the hydraulic line (NF PN 298746).
 6. Disconnect the attached hydraulic line (NF PN 298793) that runs to the hydraulic manifold.

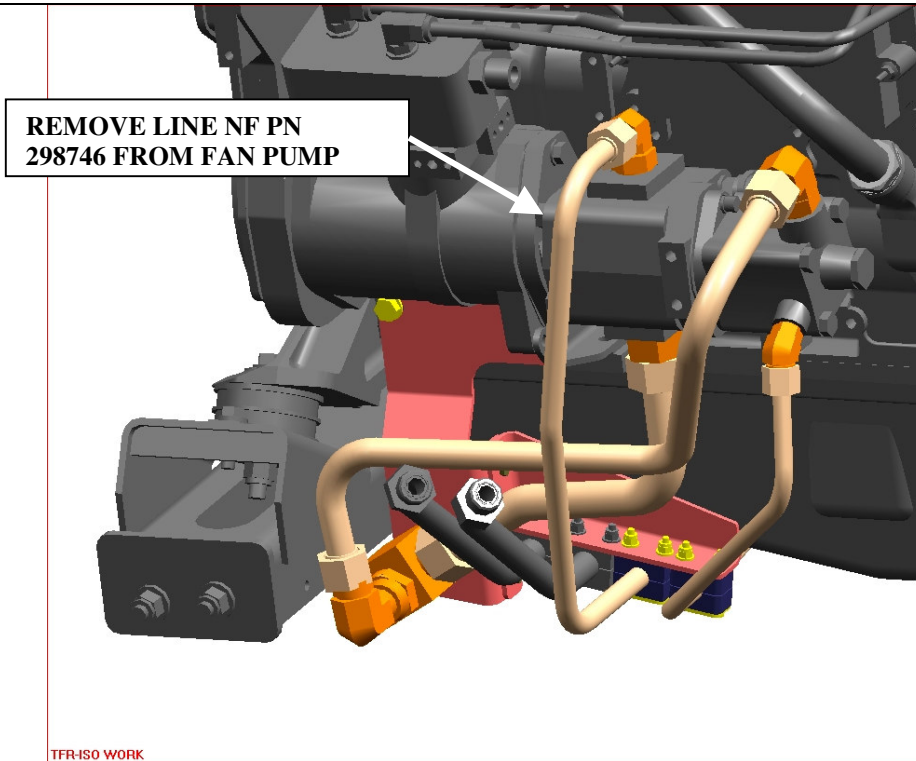


Figure 1A: Hydraulic Line Removal

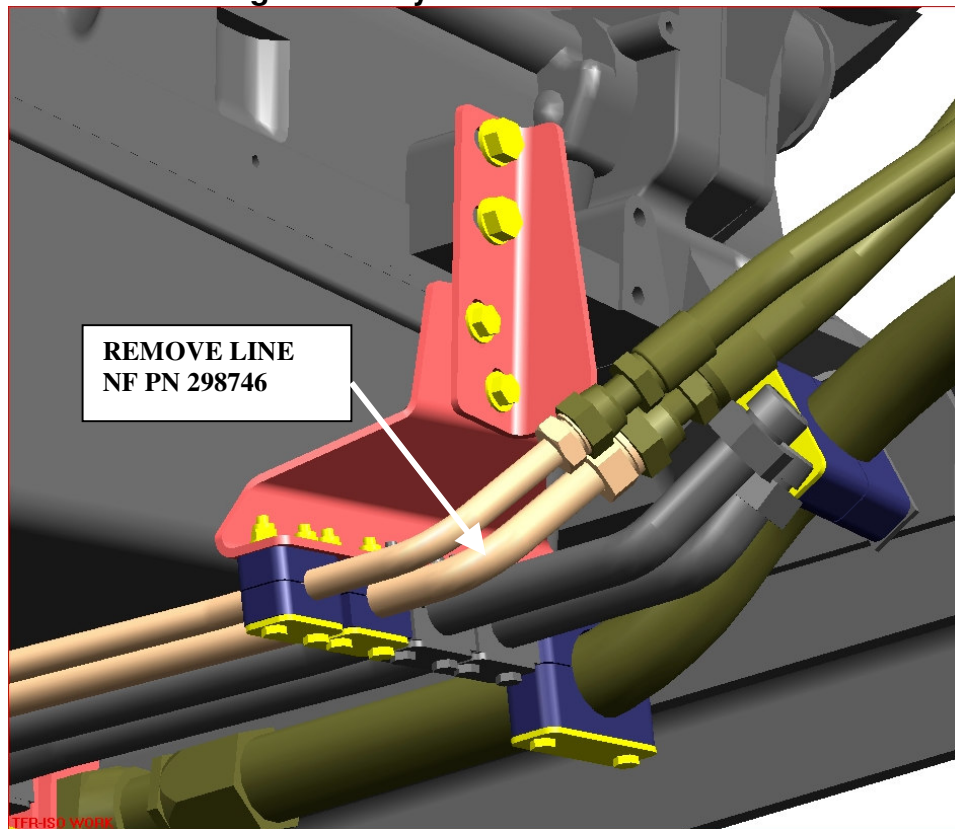


Figure 1B: Hydraulic Line Removal

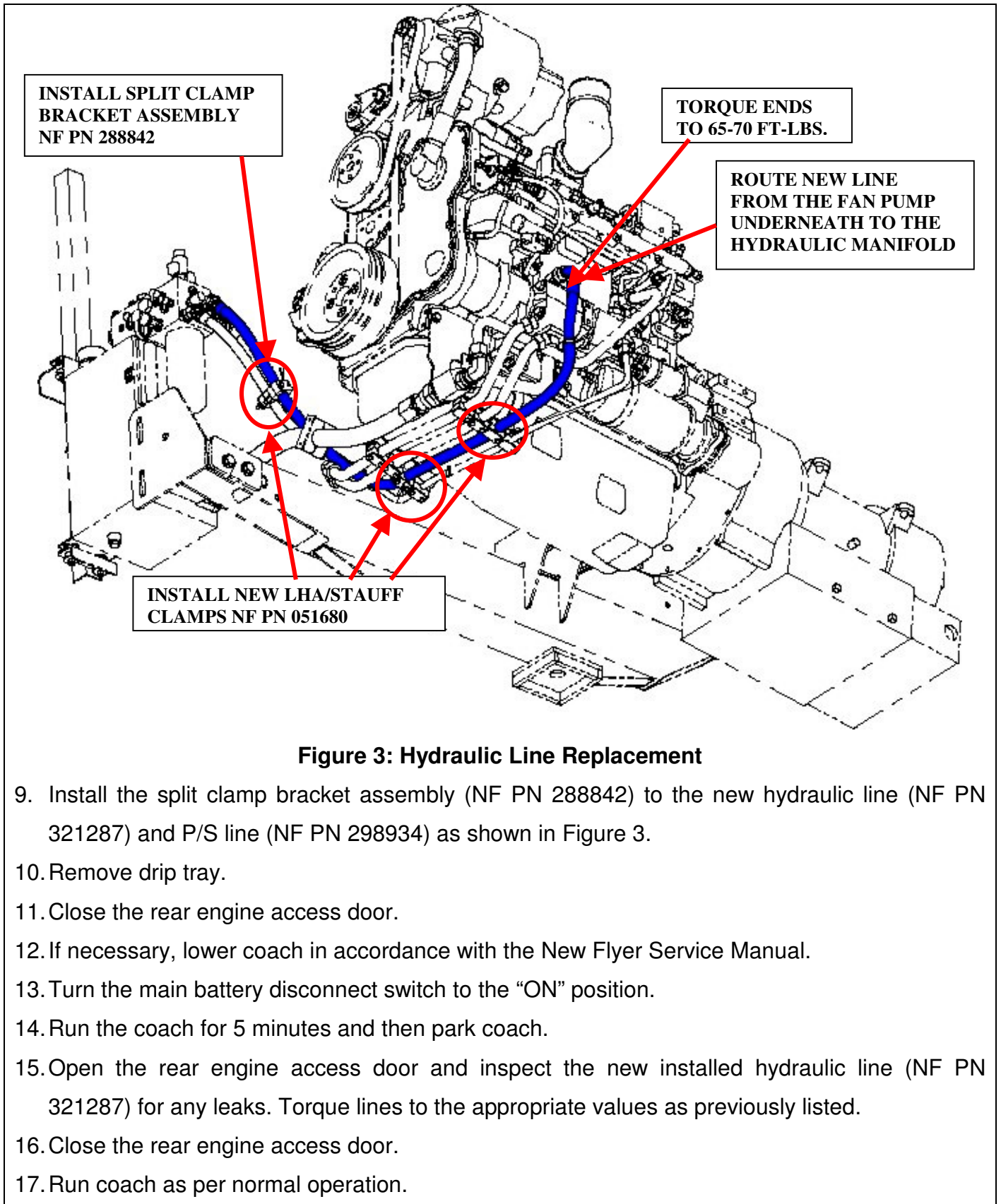


Figure 3: Hydraulic Line Replacement

9. Install the split clamp bracket assembly (NF PN 288842) to the new hydraulic line (NF PN 321287) and P/S line (NF PN 298934) as shown in Figure 3.
10. Remove drip tray.
11. Close the rear engine access door.
12. If necessary, lower coach in accordance with the New Flyer Service Manual.
13. Turn the main battery disconnect switch to the “ON” position.
14. Run the coach for 5 minutes and then park coach.
15. Open the rear engine access door and inspect the new installed hydraulic line (NF PN 321287) for any leaks. Torque lines to the appropriate values as previously listed.
16. Close the rear engine access door.
17. Run coach as per normal operation.



LABOUR ESTIMATE				
	Operation	Men	Hours	Labour Time M X HR
1	Replace hydraulic line with flex hose 321287	1	1.5	1.5

PARTS REQUIRED					
Item	Part Number	Description	Qty. per Coach	Units	Notes
1	321287	HOSE – ASSY GH195-10	1	EA	
2	051680	CLAMP 1.0 TUBE	3	EA	
3	288842	ASSY – SPLIT CLAMP BRKT GP3	1	EA	