

Automated Steering Kit Upgrade Bulletin

This upgrade bulletin applies to Versatile VLHP and VHHP eDriveTC and eDriveX automated steering kit installations

Applies to Versatile Tractor Models:

VLHP 305 340 375 400





VHHP 435 485 535

This upgrade bulletin describes essential changes required on existing eDriveTC and eDriveX hydraulic installations on the tractor models listed above. The changes are necessary for optimal performance when automated steering is used with high-demand implements. The upgrade is required for all applications.



The upgrade kit covers previous hydraulic installations where the tank line is connected between the hydraulic steering block and either the hydraulic flow divider or the hydraulic reservoir.

The upgrade kit contains the three parts you need to install and instructions (this document) on their installation.

REF	PART NUMBER	QTY	DESCRIPTION	PHOTOGRAPH
Bag 1 of 1 contains A1 or A2, and B				
A1	760-2074 (Versatile eDriveTC Upgrade Kit 710-0106)	1	Adapter, hyd. 90 elbow- 8#maleJIC x #6maleORB (Replacement T port fitting for hydraulic steering block - TC)	
A2	760-2080 (Versatile eDriveX Upgrade Kit 710-0107)	1	Adapter, hyd. 90 Elbow - #8maleJIC x #8maleORB Replacement T port fitting for hydraulic steering block (eDrive X)	
B	760-2014	1	Adapter, hyd run tee - #12 ORFF (T port on orbital)	
C	760-1319-000	1	Hose, hyd. - 1/2"x 78", #8femJIC x #12femORFF 90 (Tank hose hydraulic steering block to orbital)	

Attention: Failure to perform this upgrade may result in poor system performance and void the warranty of your automated steering system.

Revised Tank Line Installation

⚠ WARNING:

Before installing, disconnecting or repairing the hydraulic hoses and components, turn off the machine and relieve all pressure from the hydraulic system by turning the steering wheel left and right. Failure to remove the pressure can result in serious injury or death from unexpected machine movement.

To avoid burn injury when installing, disconnecting or repairing the hydraulic hoses and components, turn off the machine and allow the system to cool down prior to touching the parts of the machine that are heated.

1. Remove the tank hose connected between the **T** port on the hydraulic steering block and either the hydraulic flow divider (Figure 1a) or the hydraulic reservoir (Figure 1b).

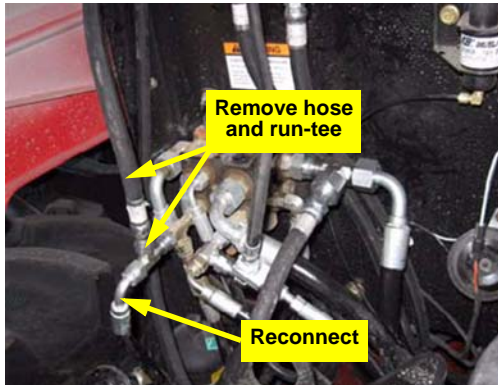


Figure 1a: Steering hose and run-tee at hydraulic flow divider

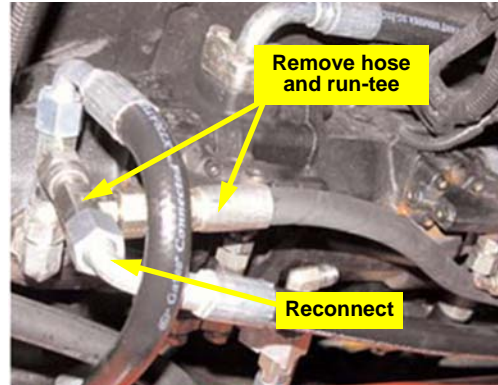


Figure 1b: Steering hose and run-tee at hydraulic reservoir

2. At the hydraulic reservoir or hydraulic flow divider, remove the run-tee and reconnect the machine's tank line to the factory-installed run-tee or the hydraulic flow divider (Figures 1a and 1b).
3. At the hydraulic steering block, remove the straight adaptor from the **T** port and replace it with either fitting **A1** (TC - Figure 3a) or **A2** (eDriveX - Figure 3b).

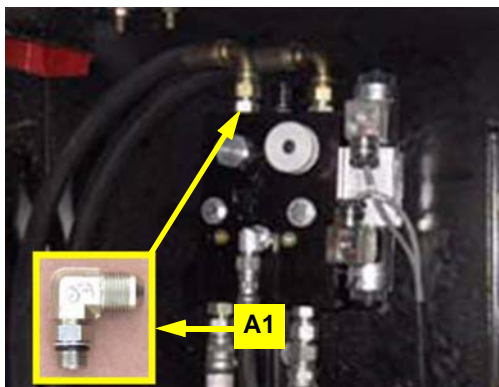


Figure 3a: Elbow adapter into T port (TC)

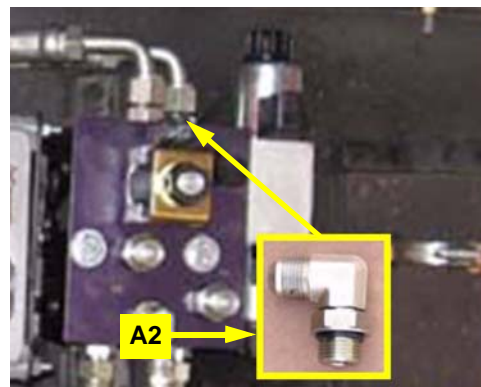


Figure 3b: Elbow adapter into T port (eDX)

4. Install run-tee **B** in the tank port of the orbital (top right port) and connect the machine's tank line to the open "T" end of run-tee **B** (Figure 4).

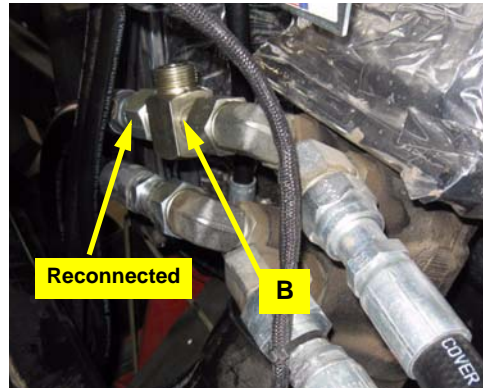


Figure 4: Run-tee installed in tank port of orbital, machine's tank hose reconnected

5. Install hose **C** between the open stem of run-tee **B** at the orbital (Figure 5a) and the elbow adaptor (**A1** or **A2**) in the **T** port of the hydraulic steering block (Figure 5b - eDriveX, TC inset).

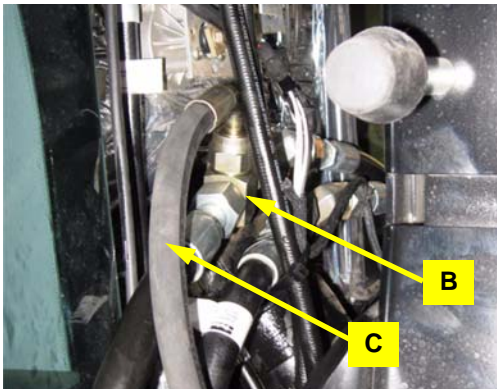


Figure 5a: Tank hose to/from the T port of hydraulic steering block connected at orbital

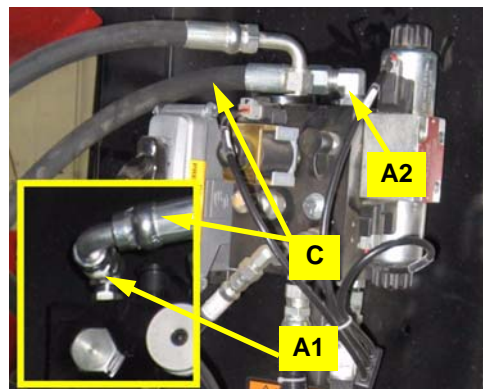


Figure 5b: Tank hose to/from orbital in T port of hydraulic steering block (TC inset)

