



# INSTRUCTION BULLETIN

No. 9015087  
Machine: M17  
Published: 04-2017  
Rev. 00

**NOTE: DO NOT DISCARD the Parts List from the Instruction Bulletin. Place the Parts List in the appropriate place in the machine manual for future reference. Retaining the Parts List will make it easier to reorder individual parts and will save the cost of ordering an entire kit.**

*NOTE: Numbers in parenthesis ( ) are reference numbers for parts listed in Bill of Materials.*

Installation instructions for **kit number 9015013**

## SYNOPSIS:

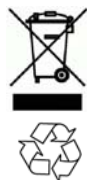
This kit contains the parts needed to replace the hydraulic pump on M17 sweeper- scrubbers. Please follow step-by-step instructions.

## SPECIAL TOOLS / CONSIDERATIONS: NONE

(Estimated time to complete: 1 hour)

## When assembling / disassembling hydraulic components:

1. Thoroughly clean outside of hydraulic components **before** disconnecting hydraulic hoses or fittings and flush hoses and fittings with air, solvent, or hydraulic fluid and cap disconnected hoses or open ports to prevent contaminants from entering system.
2. Mark hydraulic hoses with locations of where they are attached. Markings make it easier to reconnect hoses to proper locations.
3. Discard all hydraulic fluid drained from the system. Use only new approved hydraulic fluid to replenish hydraulic reservoir. Hydraulic fluid is potentially dangerous to the environment. Obey all federal, state, and local laws/regulations governing the disposal of environmentally hazardous materials when disposing hydraulic fluid.



## PROTECT THE ENVIRONMENT

Please dispose of packaging materials, used machine components such as batteries and fluids in an environmentally safe way according to local waste disposal regulations.

Always remember to recycle.

## PREPARATION:

**FOR SAFETY: Before leaving or servicing machine, stop on level surface, turn off machine, and remove key.**

1. Disconnect the battery cable from the machine.

 **WARNING: Always disconnect battery cables from machine before working on electrical components.**

2. Remove the hopper cover from the hopper. Set the hopper cover aside.

## INSTALLATION:

1. Disconnect the wire harness from the hydraulic pump.
2. Disconnect the hydraulic hoses from the hopper lift cylinder from the hydraulic pump. Plug the disconnected hoses. Note hose locations on the hydraulic pump. (Fig. 1)
3. Remove the hydraulic pump from the pump mounting bracket. Set the M10 hex screws and flat washers aside. Discard the removed hydraulic pump. (Fig. 1)
4. Install the Deutsch connector (2) onto the new hydraulic pump (1). (Fig. 2)

5. Install the hydraulic pump (1) onto the pump mounting bracket. (Fig. 1)
6. Connect the hoses from the hopper lift cylinder to the hydraulic pump (1). (Fig. 1)
7. Connect the wire harness to the hydraulic pump (1).
8. Fill the hydraulic pump (1) with hydraulic fluid until the hydraulic fluid is at the correct level. (Fig. 1)
9. Reconnect the battery cable to the machine.
10. Turn on the machine, raise and lower the hopper several times, lower the hopper, and turn off the machine. Check the hydraulic pump / hydraulic hose connections for leaks.
11. Check the hydraulic level in the hydraulic pump (1). Add hydraulic fluid as necessary until the hydraulic fluid is at the correct level. The hopper must be completely lowered before checking hydraulic level / adding hydraulic fluid.

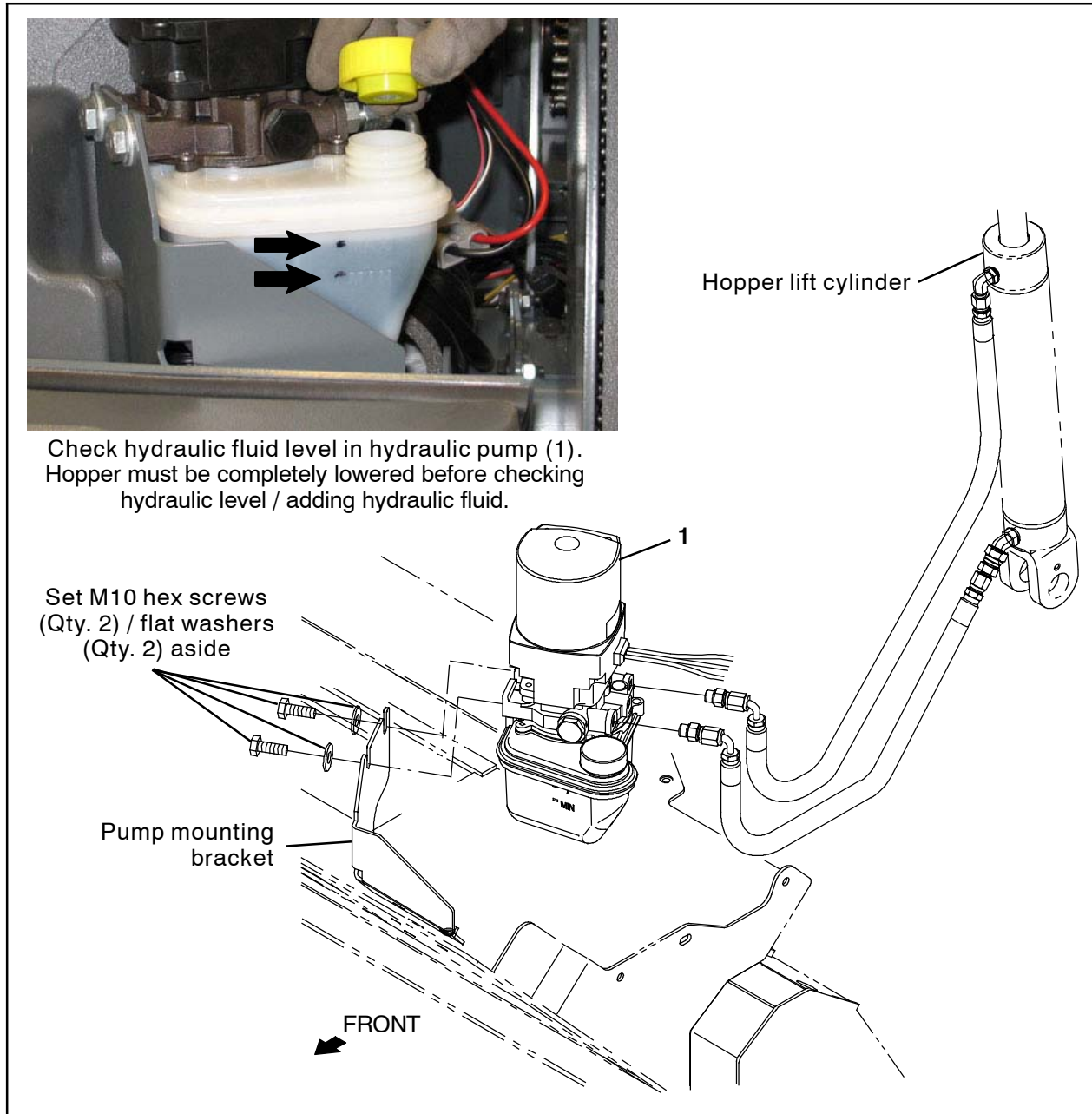
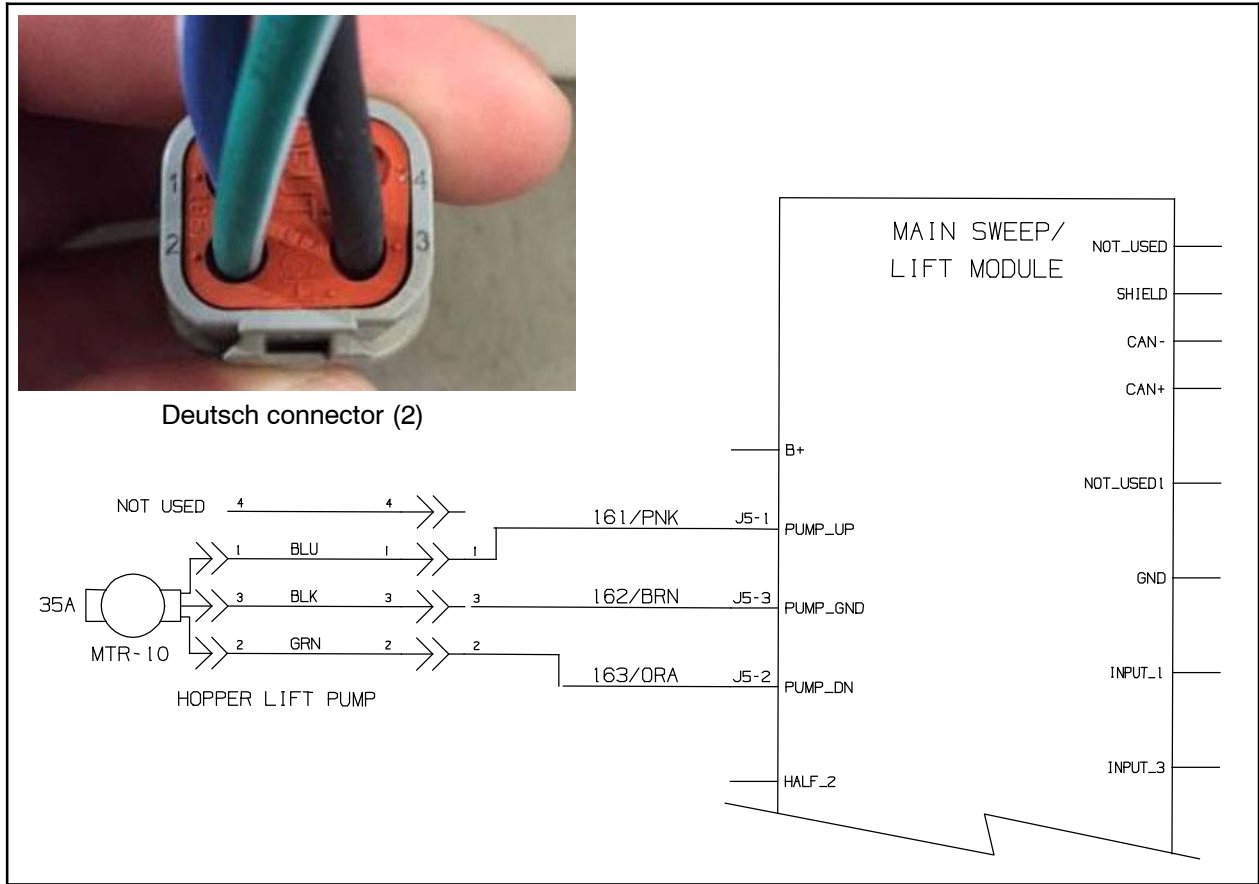


FIG. 1



**FIG. 2**

**Bill Of Materials For Pump Kit, Hyd, Cyl, NA/CE, Afmkt [M17] - 9015013**

	Ref.	Tennant Part No.	Description	Qty.
▽	1	9015013	Pump Kit, Hyd, Cyl, NA/CE, Afmkt [M17]	1
▲	2	1222705	Connector, Ele [Deutsch, Dtp, 4M, Kit]	1
▲	3	1225464	Label Set, Info/Hzrd, Pyc [T17/M17] - (Labels already installed)	1

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