

SABANTO AUTONOMY SYSTEM

INSTALLATION GUIDE for JOHN DEERE 5M ROPS

Rear Remote Valve Integration

Publish date: 9/21/2026



SABANTO

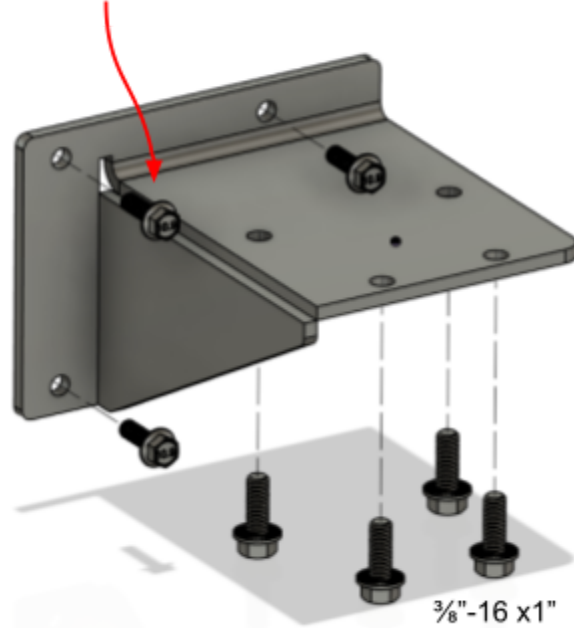
Table of Contents

Table of Contents	2
Mounting the FA Remote Valve	3
Remote Valve Assembly	4
Hydraulic Installation	5
Mid Mount Hydraulics	5
OEM Diagram	5
Remote Valve Integration Diagram	6
Non Mid Mount Hydraulics	9
OEM Diagram	9
Remote Valve Integration Diagram	10
Harness Wiring	13

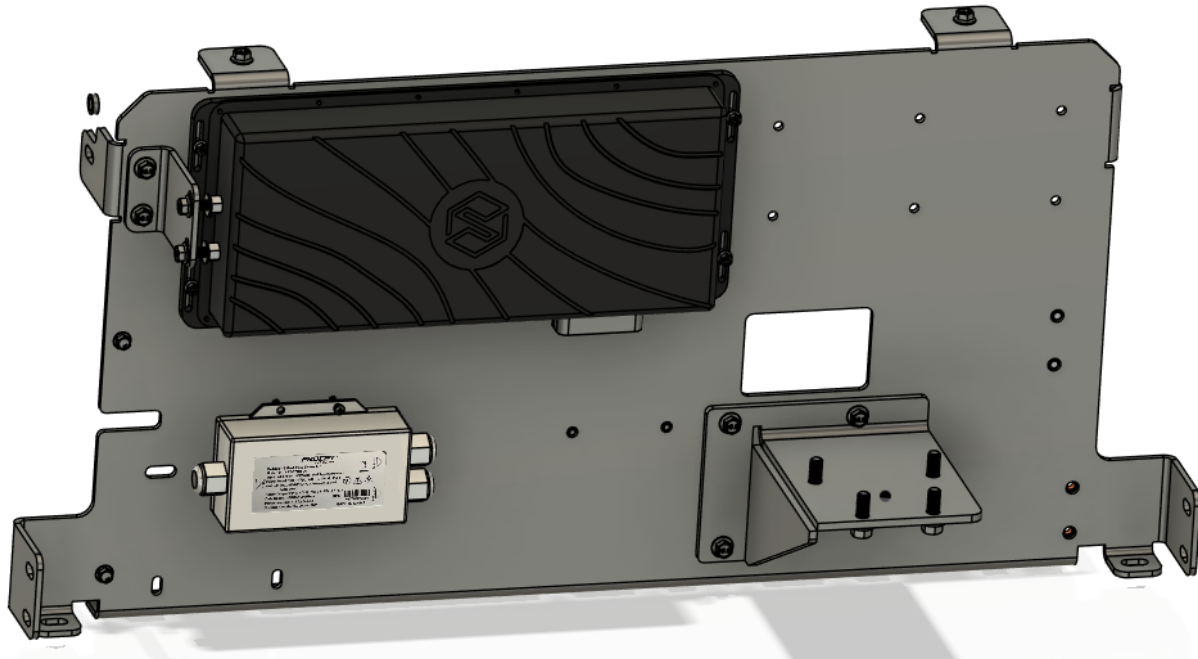
Mounting the Remote Valve

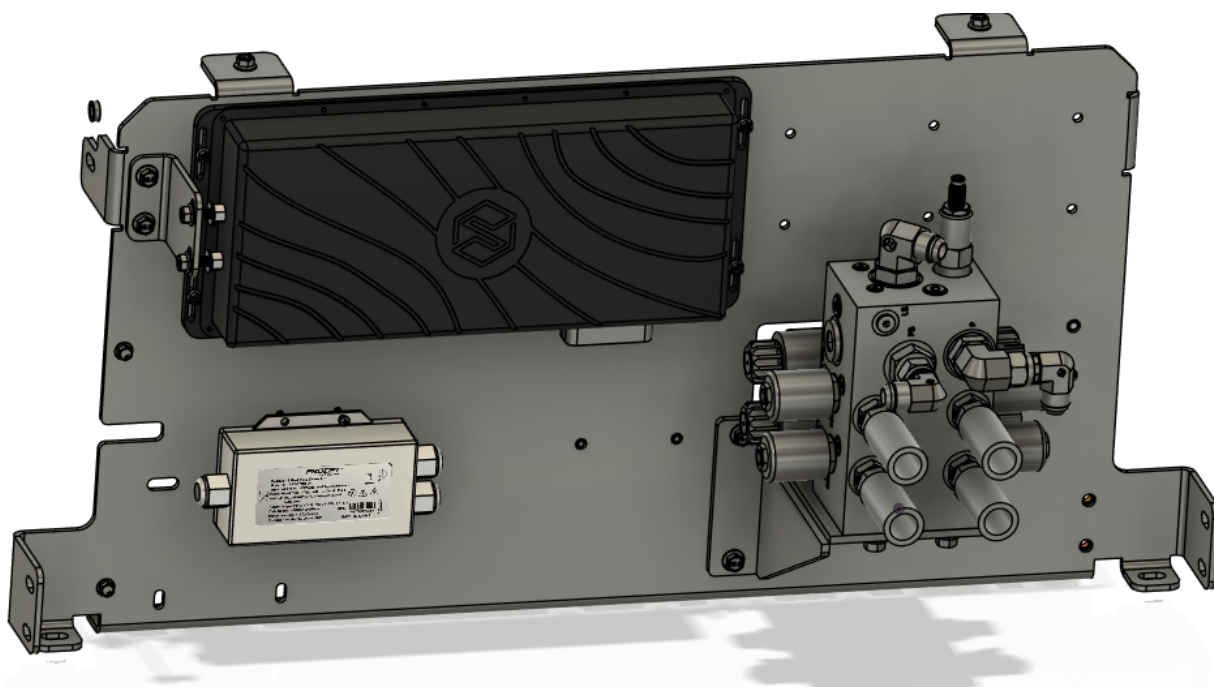
M8-1.25 x25mm

PN: 0807-MP-2010



3/8"-16 x1"





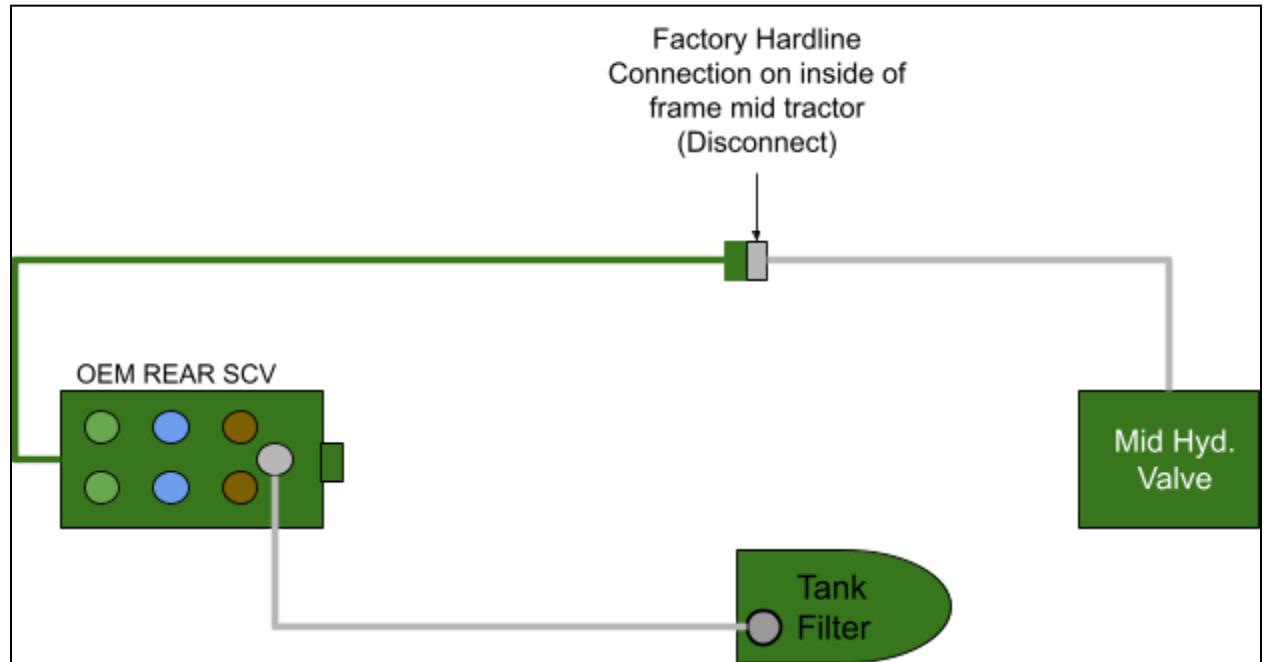
Remote Valve Assembly

P/N	Qty	Description	Where Used	Sabanto P/N
12MB-10MJ	1	-12 M ORB x -10 M JIC	Remote valve power beyond port	9999-HF-1012
6801-10-12	2	-12 M ORB x -10 M JIC 90	Remote valve pressure inlet and tank port	9999-HF-1050
Gates 8QDADP	2	½ Dust Caps Red	AG Coupler	9999-HF-1017
815003004		½ Dust Caps Black	AG Coupler	9999-HF-1055
6500-10-10	2	-10MJIC X -10FJICS 90	Remote valve power beyond port	9999-HF-1056
6464-10-08-O	4	-10MORB X -8MORB	Remote valve work ports (A1, A2, A3, A4)	9999-HF-1059
APV12-08S	4	1/2 ISO AG COUPLER X -8 FORB, UNDER PRESSURE	Remote valve work ports (A1, A2, A3, A4)	9999-HF-1061

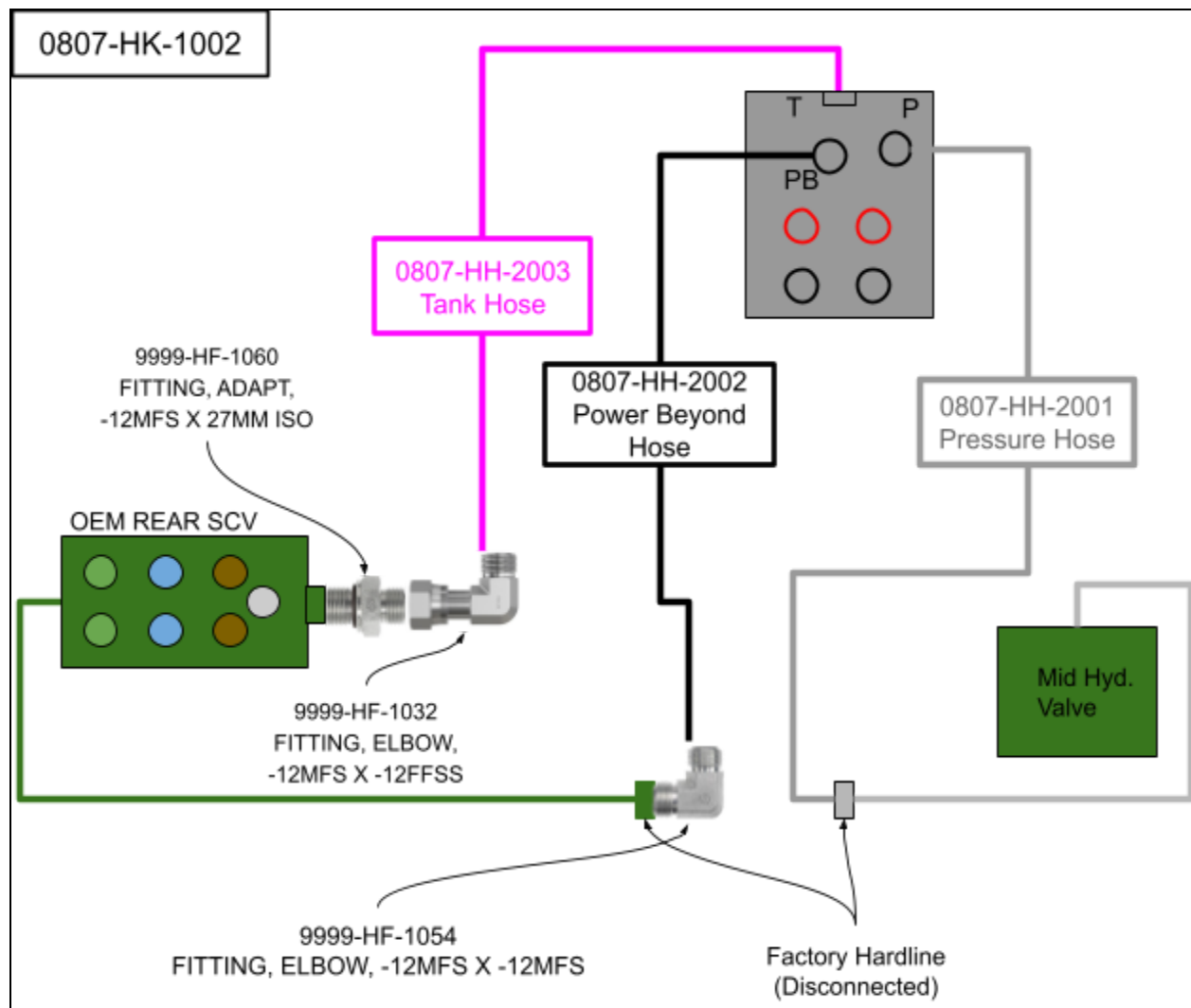
Hydraulic Installation

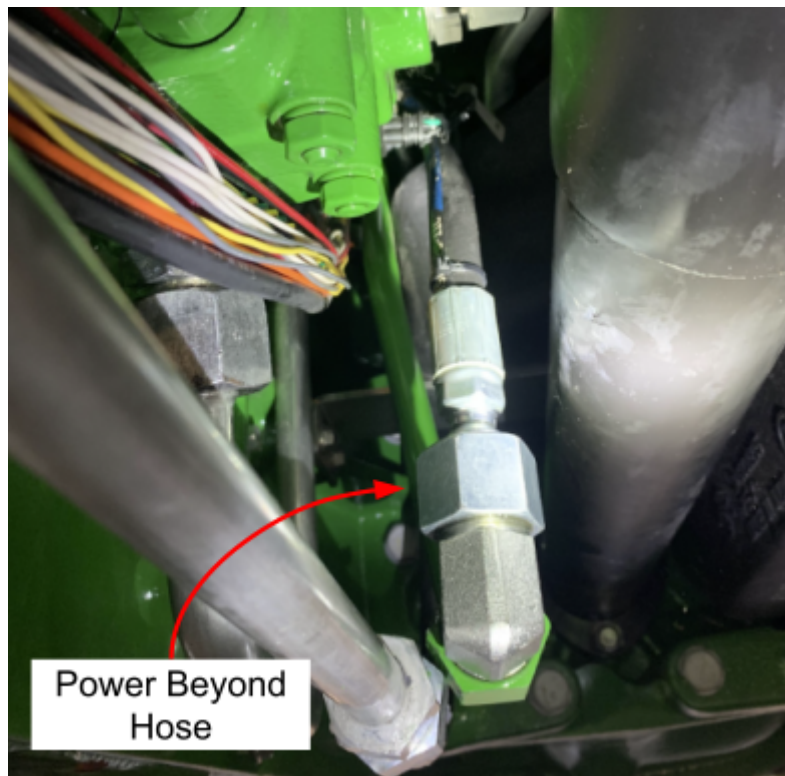
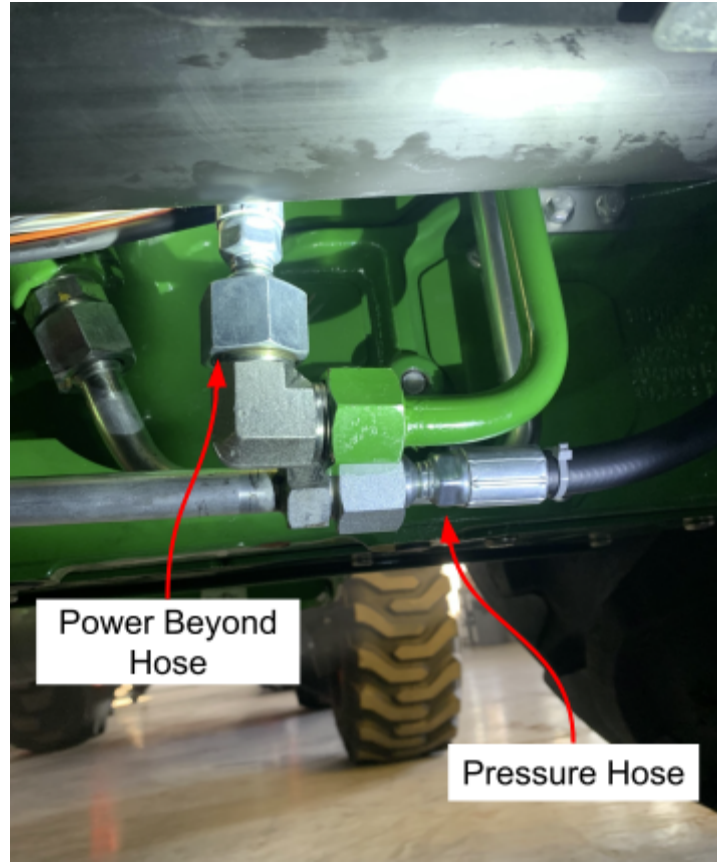
Mid Mount Hydraulics

OEM Diagram

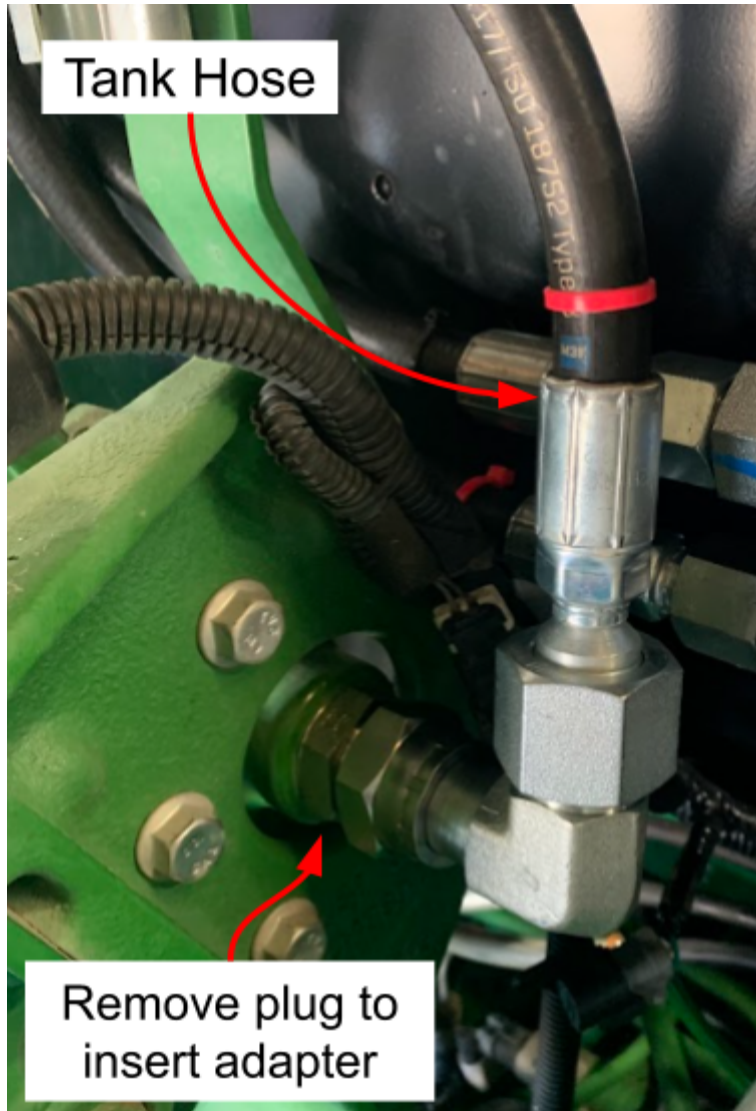


Remote Valve Integration Diagram





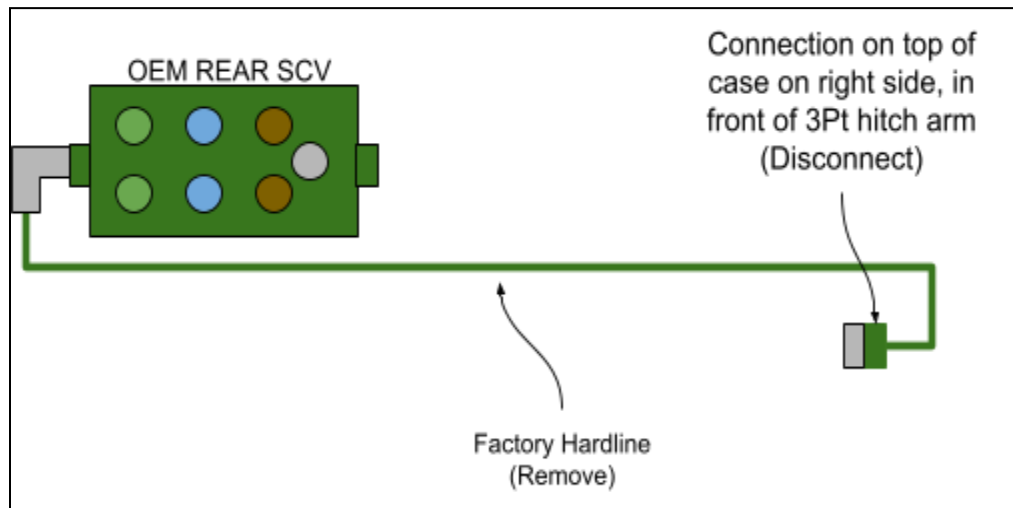
Tank Hose



Remove plug to
insert adapter

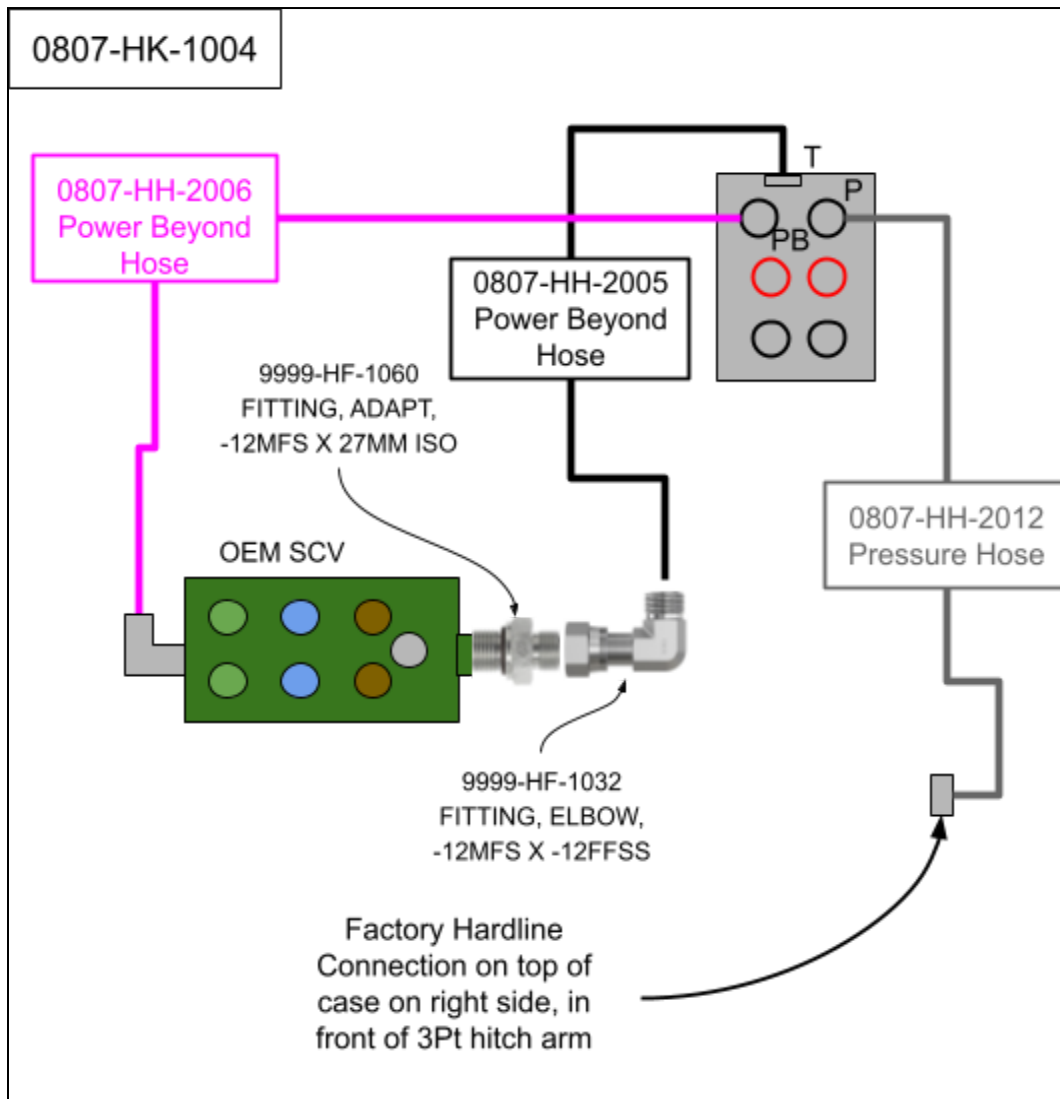
Non Mid Mount Hydraulics

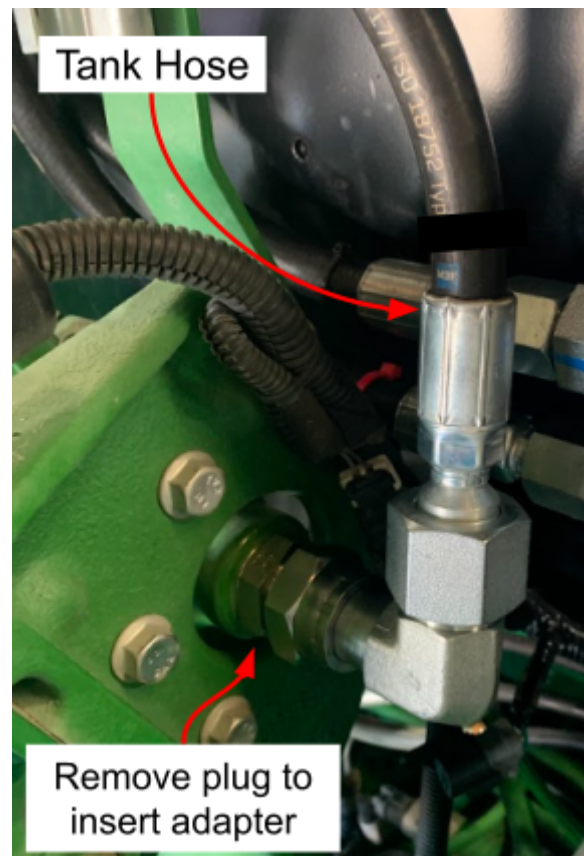
OEM Diagram



NOTE: It's often easier to remove this hardline before the pfm mount is installed

Remote Valve Integration Diagram







Harness Wiring

- Plug the harness into the valve
- Matching the labels on the cable ends with what is shown in the diagrams below
- Plug the valve harness into the main harness, matching labels “RR_AUTO”

