



SmartHitch2™ Installation Procedure MSC04679

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This product is covered under one or more of the following patents:
5568694, 6108946, 6170178, 6134814, 6035944, 2137853, 7437839, 6467199
Other Patents Pending

SmartHitch2™ Installation Procedure

Note: This installation procedure is used for installing the SmartHitch2™ option.

1. Remove Hydraulic Cover (14) to expose Hydraulic Valve Manifold (30).

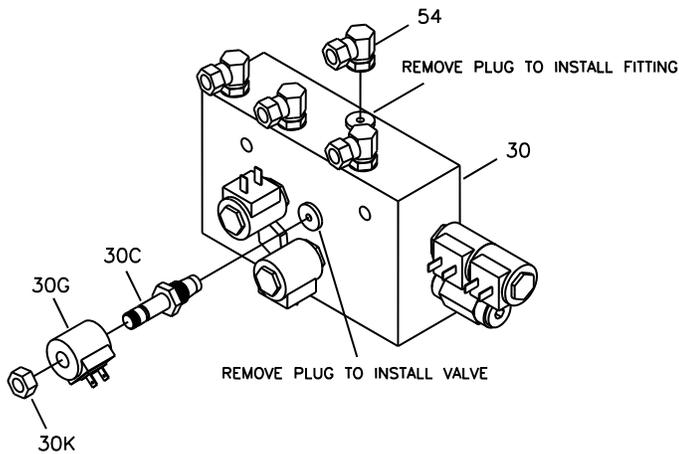


Figure 1. SmartHitch2™ Valve Installation G10130

2. Remove the plug from the face of Hydraulic Valve Manifold (30).
3. Install **HYD07047** SmartHitch2™ Attachment Valve (30C).
4. Place **HYD01638** Valve Coil (30G) on the stem of the Valve (30C).
5. Connect extra brown Ground Strap to **HYD01638** Valve Coil (30G).

Notice: DO NOT OVER-TIGHTEN coil nut. The valve will be damaged if the coil nut is over-tightened.

6. Install **HYD07060** Coil Nut (30K) onto the Valve (30C). Tighten 1/8 turn past finger tight.

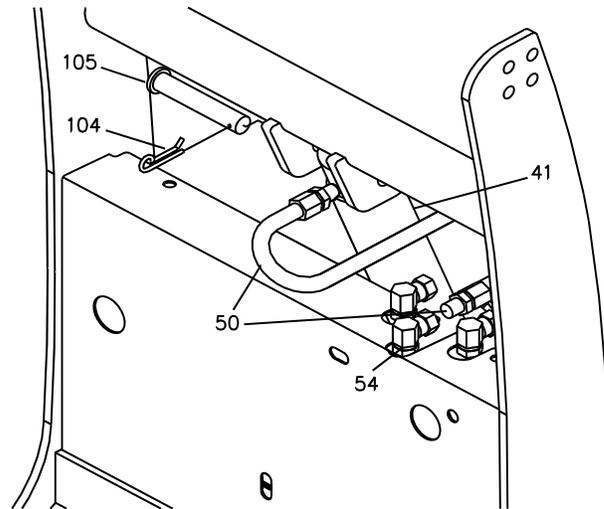


Figure 2. Installing SmartHitch2™ Hose G10120

7. Remove the plug from the top of Hydraulic Valve Manifold (30).
8. Install 90° O-Ring Swivel Fitting (54) into the Hydraulic Valve Manifold (30). The fitting should be positioned so the open end of the fitting is facing towards the lift cylinder.
9. Remove the breather vent from the top of the hydraulic lift cylinder.
10. Connect one end of 1/4 x 15 1/2" Hose (50) to the back of the Lift Cylinder (41).
11. Connect the opposite end of Hose (50) to the 90° Swivel Fitting (54) located in the manifold.
12. Insert the SmartHitch2™ Toggle Switch through the side hole of the coupler.
13. Tighten the switch with the jam nut provided.
14. Secure the Switch Boot onto the end of the switch.

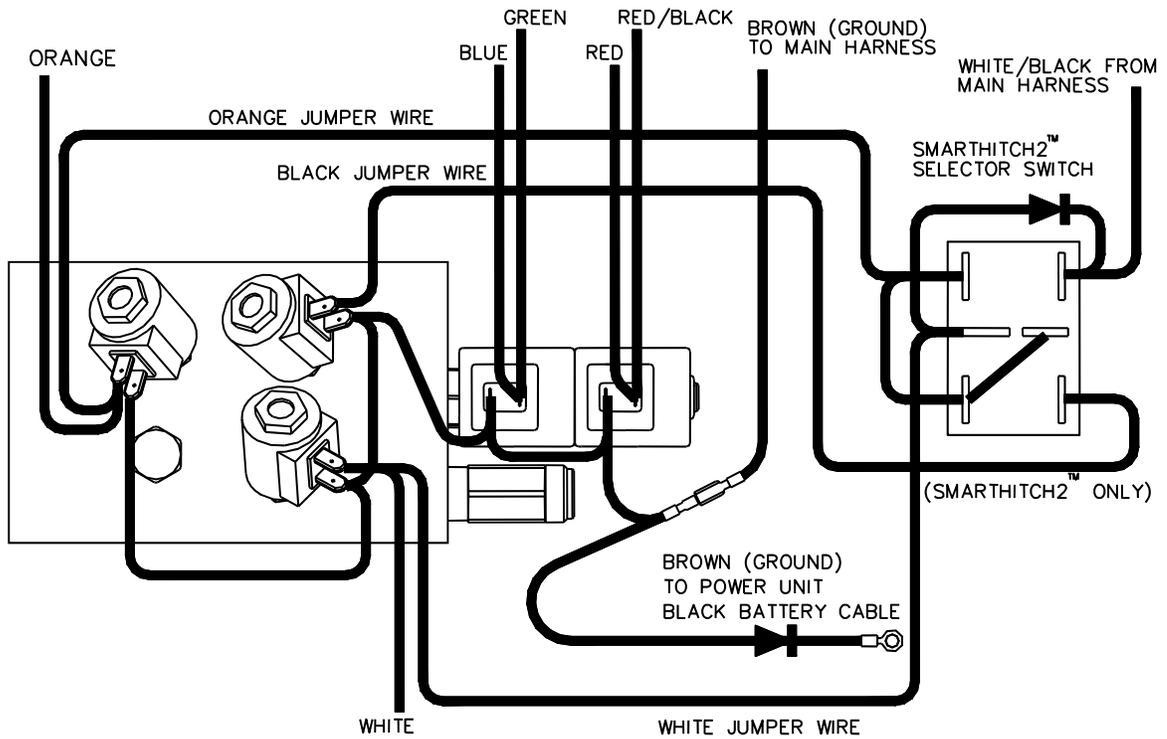


Figure 3. SmartHitch2™ Wiring Diagram

G10447

15. Connect **MSC04672** Orange SmartHitch2™ Wiring Harness to the switch and manifold as shown above.
16. Connect **MSC09867** White and **MSC09866** Black SmartHitch2™ Wiring Harnesses to the switch and manifold as shown above.
17. Connect the White/Black Wire from the main wiring harness to the switch as shown above.