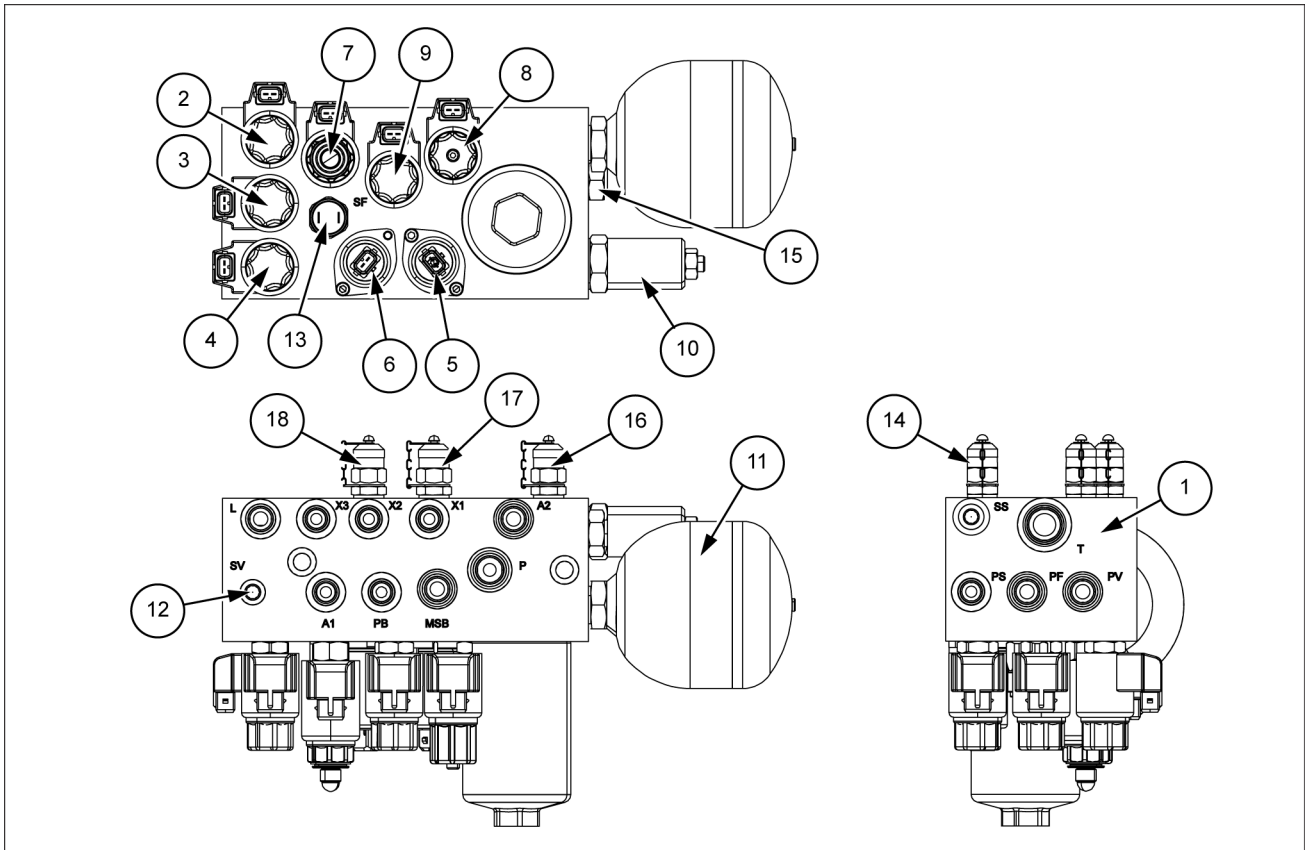


## Pilot system - Static description – Pilot control assy.



SMIL12WEX0324FA 1

- |                                                                              |                                                              |
|------------------------------------------------------------------------------|--------------------------------------------------------------|
| 1. Pilot control assy.                                                       | 10. Pressure relief valve                                    |
| 2. Electro-valve <b>Y113</b> - pilot control pressure                        | 11. Accumulator                                              |
| 3. Electro-valve <b>Y290</b> - travel pilot control pressure                 | 12. Pressure sensor <b>S113.4</b> - pilot control activation |
| 4. Electro-valve <b>Y291</b> - slewing pilot control pressure                | 13. Pressure sensor <b>S290</b> - travel pilot control       |
| 5. Proportional electro-valve <b>Y241</b> - pump <b>P1</b> regulator control | 14. Pressure sensor <b>S291</b> - slewing pilot control      |
| 6. Proportional electro-valve <b>Y242</b> - pump <b>P2</b> regulator control | 15. Check valve                                              |
| 7. Proportional electro-valve <b>Y10</b> - load limit adjustment             | 16. Pressure port - Piloting                                 |
| 8. Electro-valve <b>Y35</b> - slewing brake control                          | 17. Flow demand pump <b>P1</b> ( <b>MX1</b> )                |
| 9. Electro-valve <b>Y63</b> - power boost control                            | 18. Flow demand pump <b>P2</b> ( <b>MX2</b> )                |

**NOTE:** Refer to upper structure and undercarriage hydraulic schemes shown in this section to observe the hydraulic connections of pilot control assy.