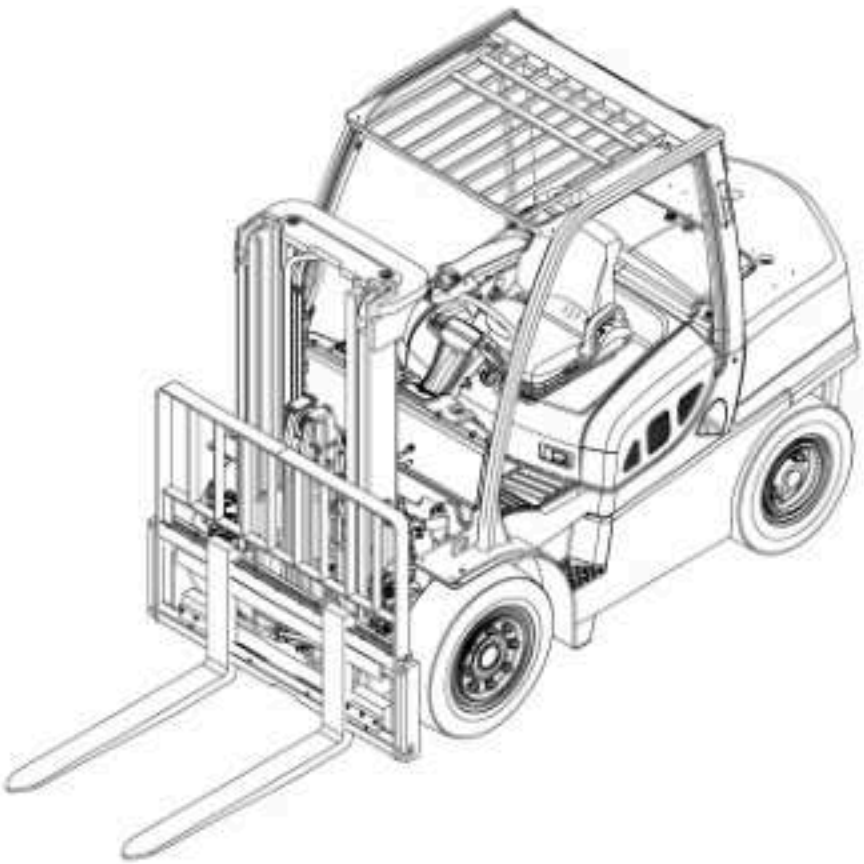
# SERVICE MANUAL

## S005 (H80-H120FT)



Rev. 07/14

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This section is for the following models:

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(Cont)

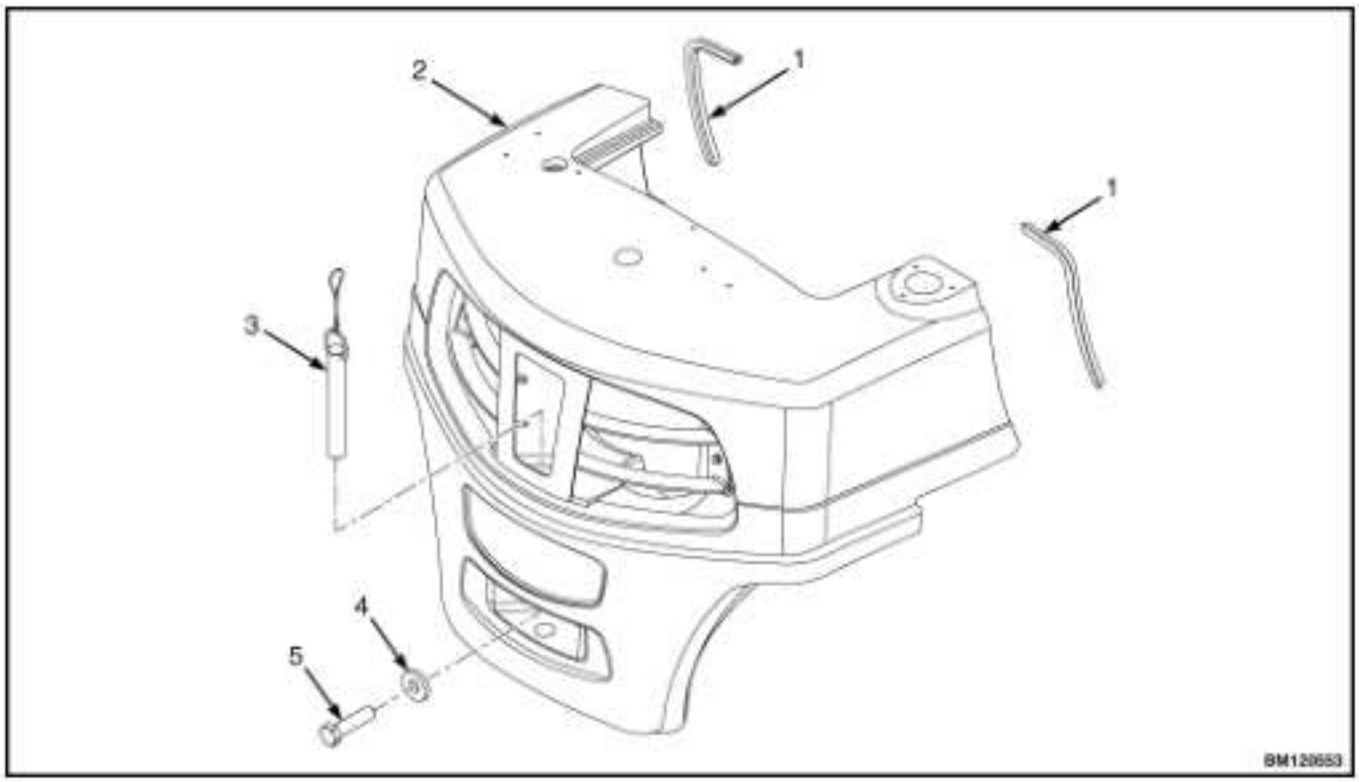
**YES:** Go to troubleshooting.
**NO:** The signal wire is shorted to ground. Locate and repair/replace shorted wire/connection. Refer to appropriate **Electrical System** manual, depending on lift truck model.

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**END POSSIBLE CAUSES**



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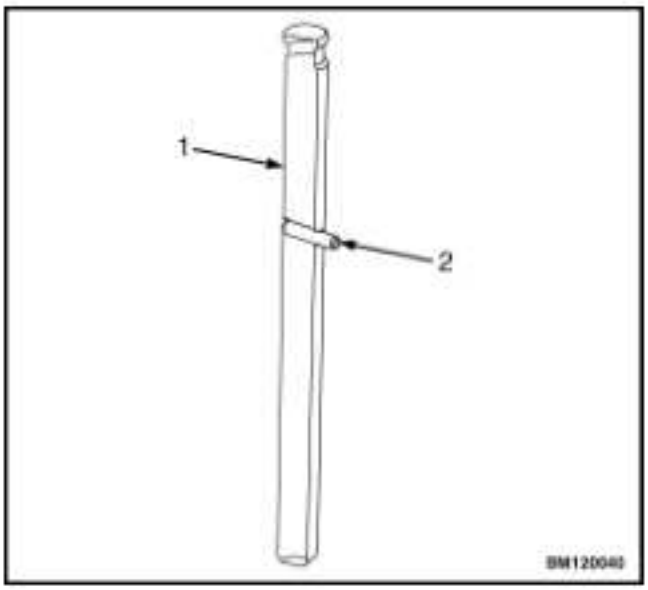

1. SEALS
2. COUNTERWEIGHT
3. TOW PIN
4. WASHER
5. CAPSCREW

***Figure 17. Counterweight Components for Lift Truck Models H4.0FT5/FT6; H4.5FTS5, H4.5FT6; H5.0-5.5FT (H80, 90, 100, 110, 120FT) (S005)***

## TOW PIN

### Remove and Install For Lift Truck Models H4.0FT5/FT6; H4.5FTS5, H4.5FT6; H5.0-5.5FT (H80, 90, 100, 110, 120FT) (N005, P005, R005)

1. Remove tow pin from counterweight by driving roll pin out. See Figure 18.
2. Install tow pin into counterweight and install roll pin.




1. TOW PIN
2. ROLL PIN

***Figure 18. Tow Pin***



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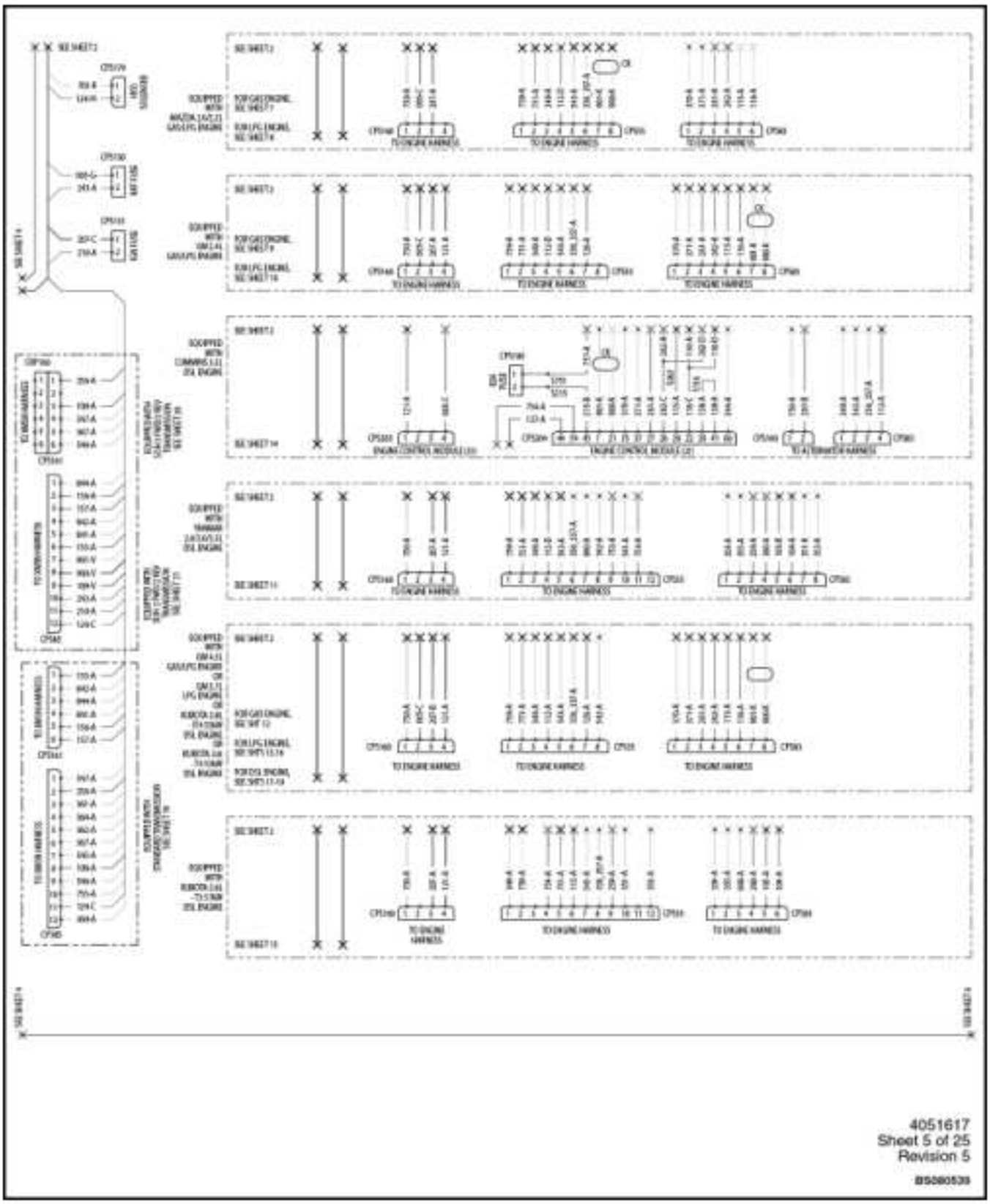
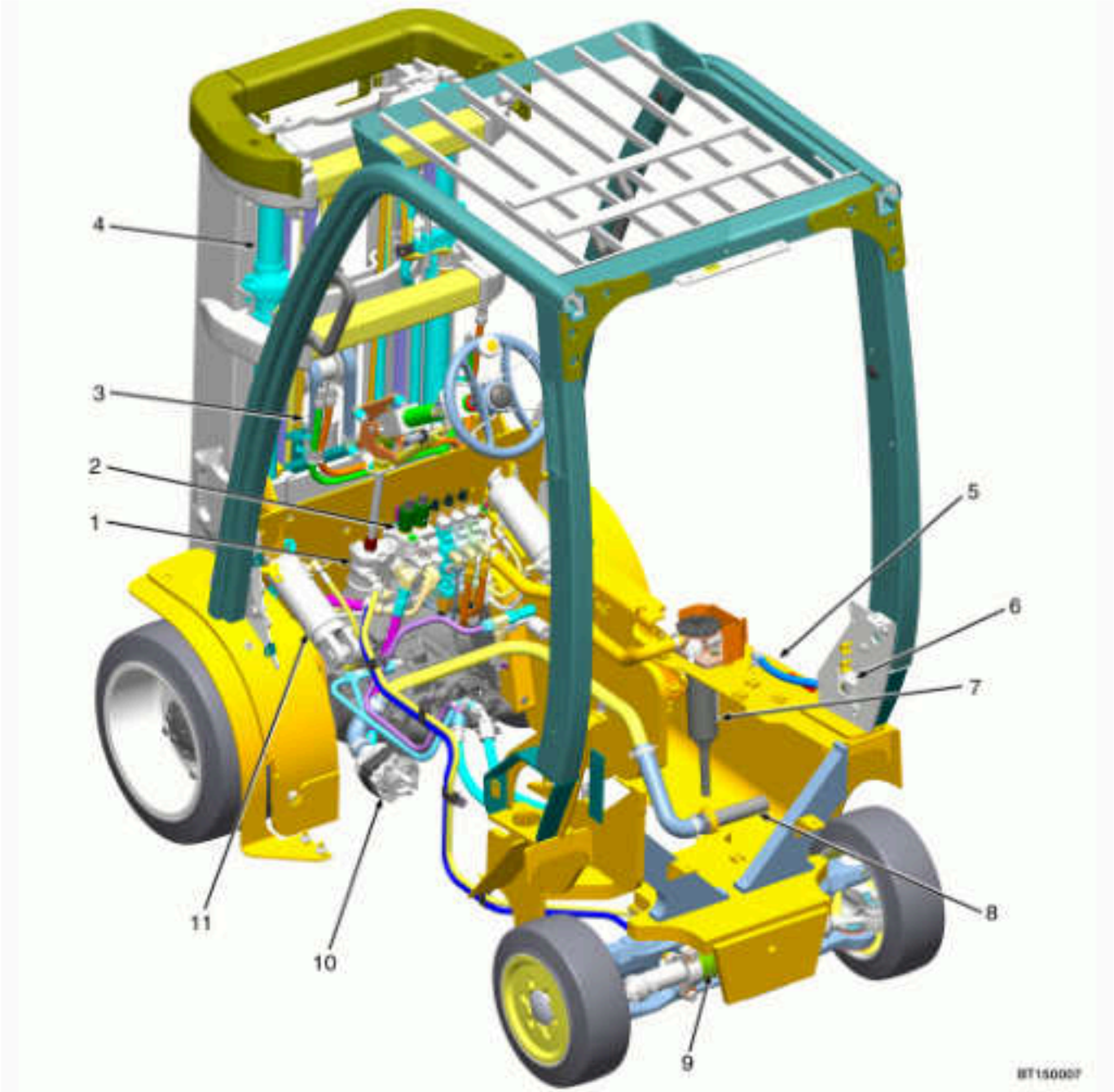



*Figure 31. Engine Directory Wiring Diagram*



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1. STEERING CONTROL UNIT (SCU)
2. MAIN HYDRAULIC CONTROL VALVE
3. FREE LIFT CYLINDER (CENTER)
4. LIFT CYLINDERS (2 USED)
5. HYDRAULIC TANK
6. BREATHER
7. RETURN FILTER
8. SUCTION SCREEN
9. STEERING CYLINDER
10. GEAR PUMP
11. TILT CYLINDERS (2 USED)

***Figure 9050-10-1. Hydraulic Component Locator (1.0-5.5 Ton Shown)***



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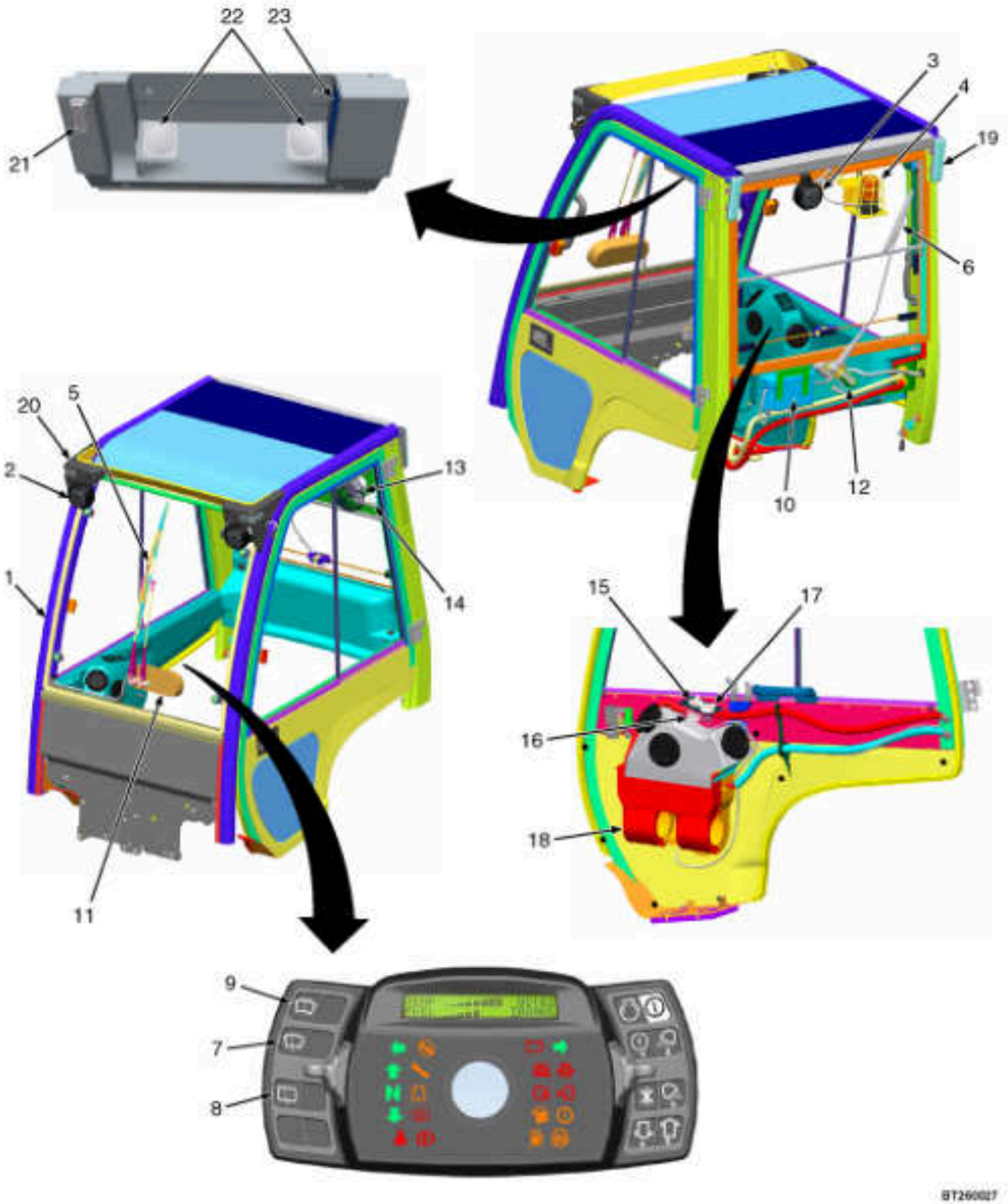



*Figure 9060-10-25. Cab Component Locations*



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