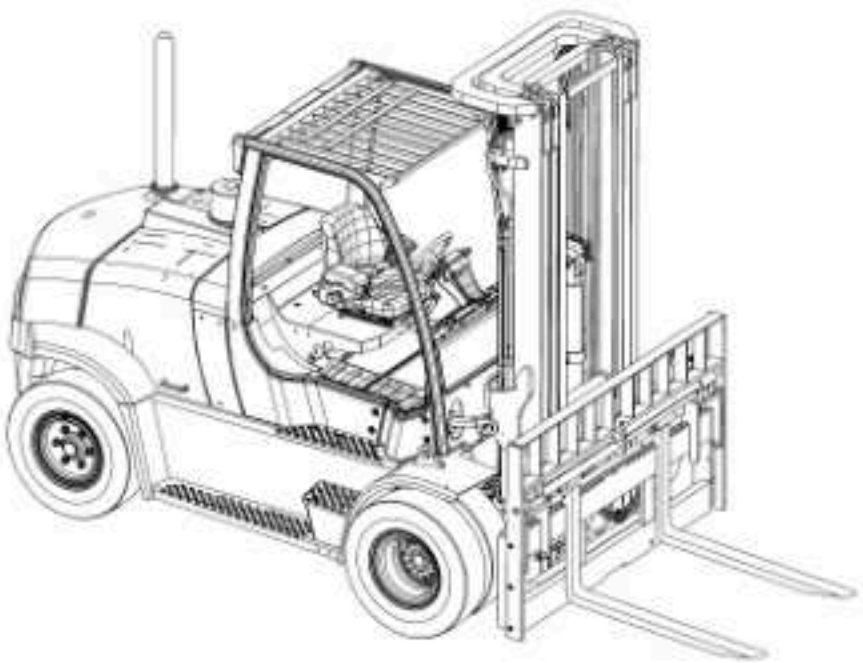
SERVICE MANUAL

A299 (H170FT, H175FT36, F190FT



Rev. 07/14

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This section is for the following models:

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Truck Wanders, Does Not Track Straight or Steer Well

POSSIBLE CAUSE

A. EXCESSIVE LOADS.
B. LOW PNEUMATIC TIRE INFLATION
C. HIGH PNEUMATIC TIRE INFLATION.
D. FAILED WHEEL BEARINGS
E. LOOSE TIE RODS
F. DAMAGED UPPER AXLE MOUNTING EAR
G. STEERING VALVE PROBLEM

CAUSE A - EXCESSIVE LOADS.

NOTE: See Serial Number plate or **Operating Manual** for lift capacity.

PROCEDURE OR ACTION:

NOTE: Carrying a load that exceeds truck capacity will cause the steer axle wheels to loose contact with ground and negatively affect control of truck.

1. Check load weight and compare to truck capacity rating.

CAUSE B - LOW PNEUMATIC TIRE INFLATION

PROCEDURE OR ACTION:

1. Check and adjust tire inflation. See **Operating Manual**.

CAUSE C - HIGH PNEUMATIC TIRE INFLATION.

PROCEDURE OR ACTION:

1. Check and adjust tire inflation. See **Operating Manual**.

CAUSE D - FAILED WHEEL BEARINGS

PROCEDURE OR ACTION:

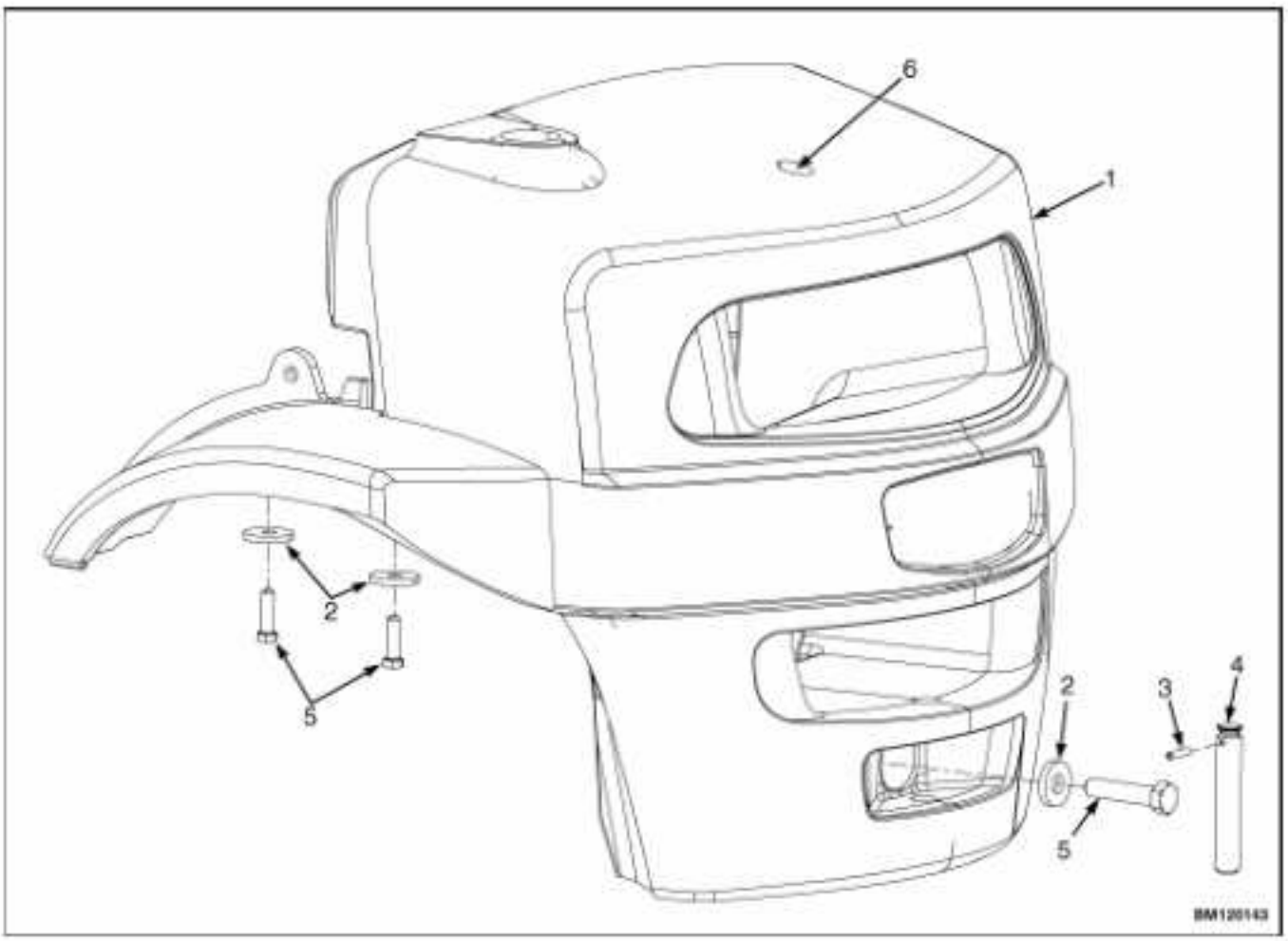
1. Inspect wheel bearings.
   Are bearings in good condition?
   YES: Go to Cause E.
   NO: Replace wheel bearing. For 1.0-2.0 Ton Cushion and Pneumatic Trucks, see **Drive Axle and Differential Assembly Repair** 1400SRM1206. For 2.0-3.5 Ton Cushion Trucks, see **Drive Axle and Differential Assembly Repair** 1400SRM1132. For 2.0-3.5 Ton Pneumatic Trucks, see **Drive Axle and Differential Assembly Repair** 1400SRM1214 or **Drive Axle Repair** 1400SRM1215. For 4.0-5.5 Ton Cushion and Pneumatic Trucks, see **Drive Axle and Differential Assembly Repair** 1400SRM1245 or **Drive Axle and Differential Assembly Repair** 1400SRM1246. For 6.0-7.0 Ton Cushion Trucks, see **Drive Axle and Differential Assembly Repair** 1400SRM1318. For 6.0-9.0 Ton Pneumatic Trucks, see **Drive Axle and Differential Assembly Repair** 1400SRM1344.

CAUSE E - LOOSE TIE RODS

PROCEDURE OR ACTION:

1. Inspect joint where tie rods are attached to pinion assembly.
   Is the tie rod tight in bore?
   YES: See Observed Symptoms, Wheels Appear Tipped or Misaligned, Page 9070-30-49.
   NO: Replace tie rod. See **Steering Axle** 1600SRM1133.

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1. COUNTERWEIGHT
2. WASHER
3. ROLL PIN
4. TOW PIN
5. CAPSCREW
6. LIFTING EYE BOLT HOLE

Figure 20. Counterweight Components

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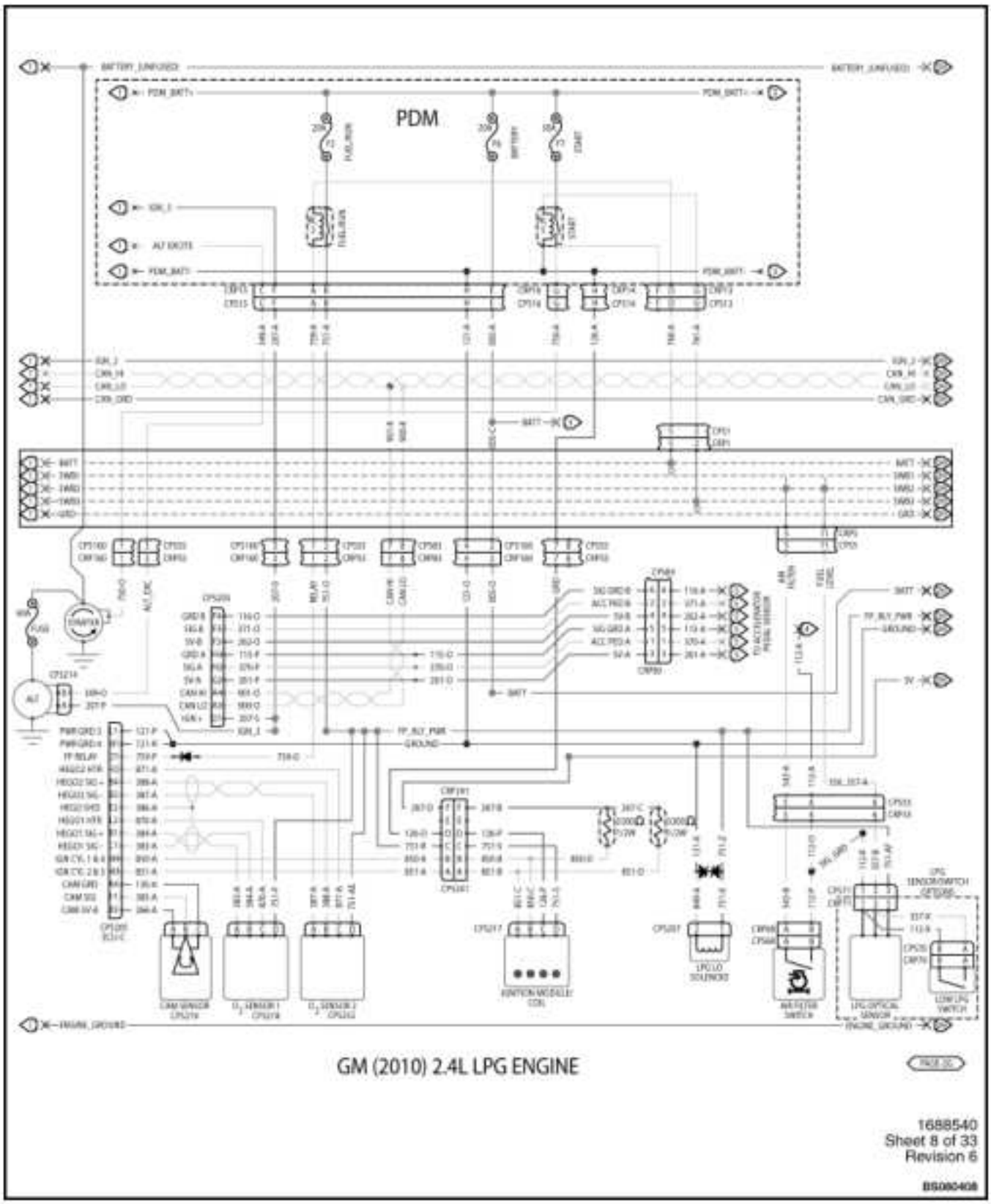
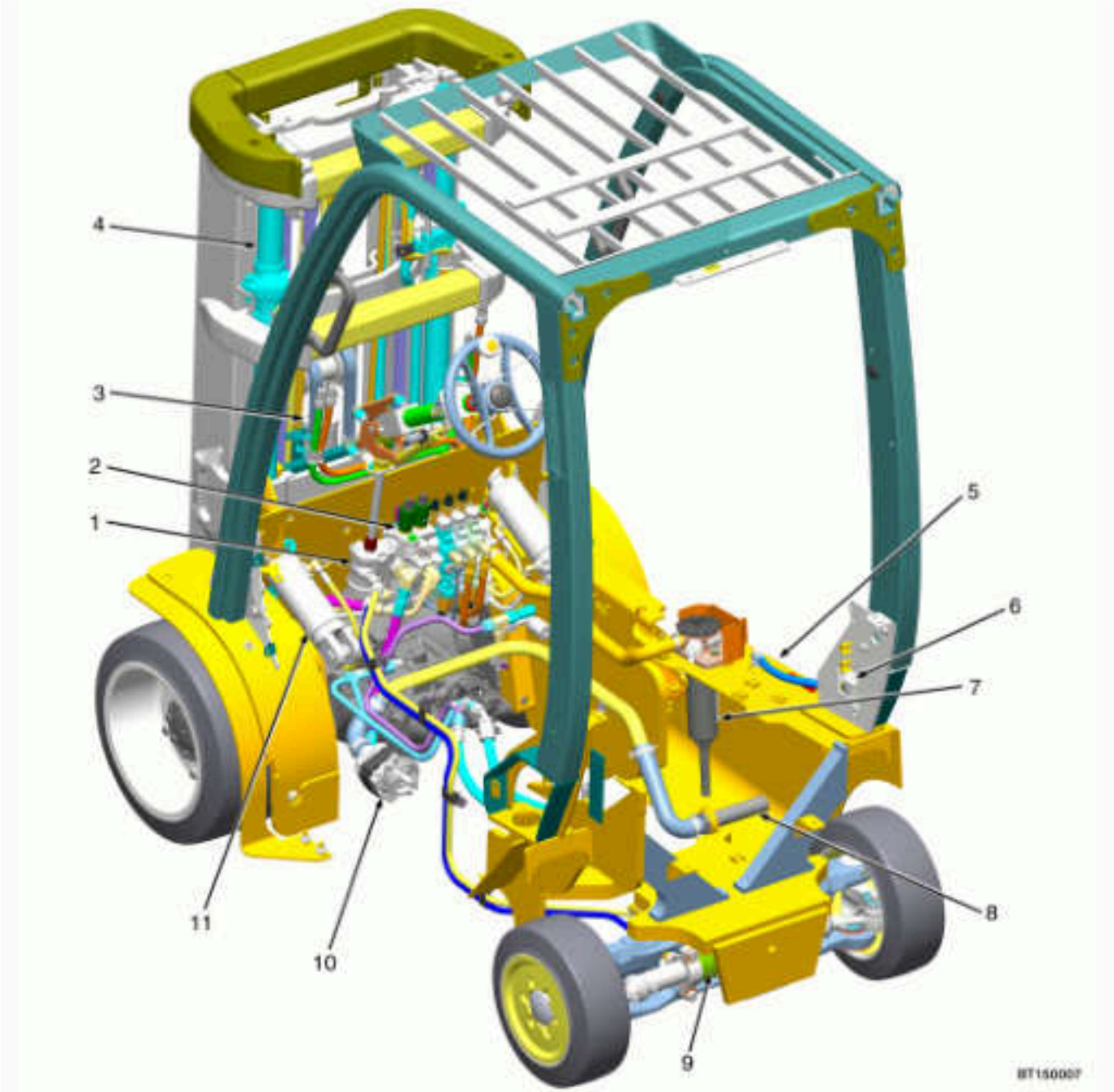


Figure 5. GM 2.4L LPG Engine Electrical Schematic (Sheet 1 of 2)

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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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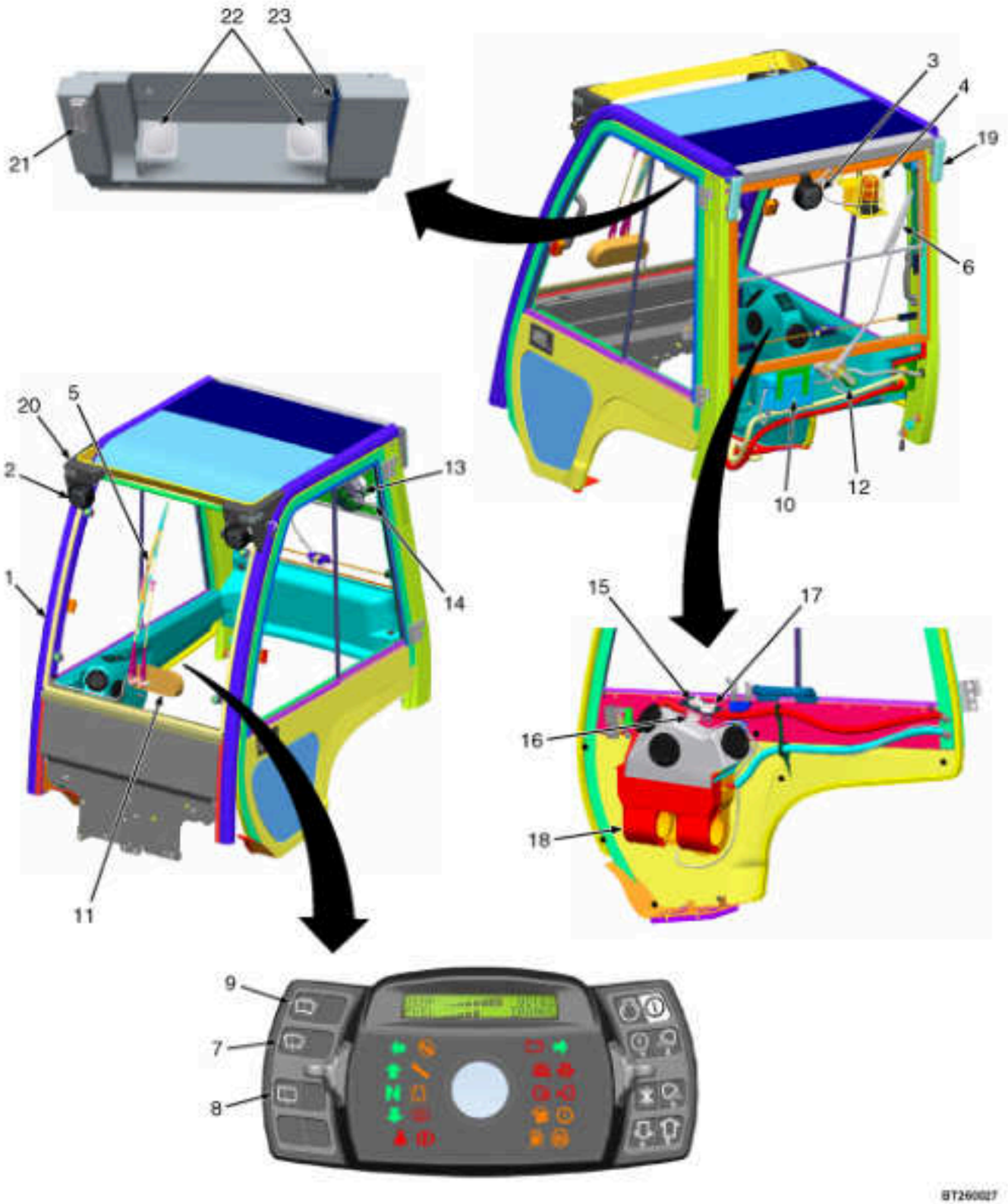


Figure 9060-10-25. Cab Component Locations

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