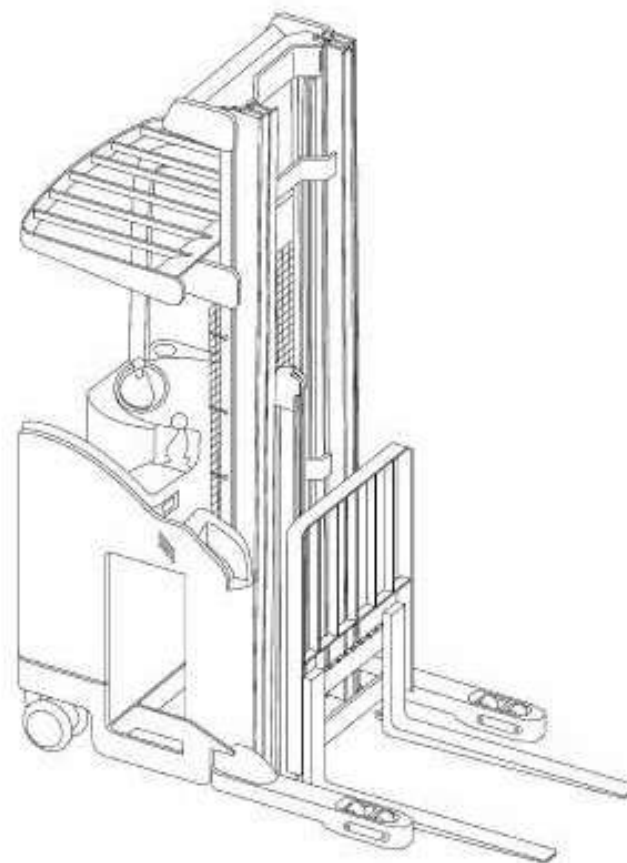


DIAGRAMS

NR035-040DB, NDR030DB [B295];

NDR035EB, NR045EB [D861];

NDR030EB, NR035-040EB [E815]



SAFETY PRECAUTIONS

MAINTENANCE AND REPAIR

- The Service Manuals are updated on a regular basis, but may not reflect recent design changes to the product. Updated technical service information may be available from your local authorized Yale® dealer. Service Manuals provide general guidelines for maintenance and service and are intended for use by trained and experienced technicians. Failure to properly maintain equipment or to follow instructions contained in the Service Manual could result in damage to the products, personal injury, property damage or death.
- When lifting parts or assemblies, make sure all slings, chains, or cables are correctly fastened, and that the load being lifted is balanced. Make sure the crane, cables, and chains have the capacity to support the weight of the load.
- Do not lift heavy parts by hand, use a lifting mechanism.
- Wear safety glasses.
- DISCONNECT THE BATTERY CONNECTOR before doing any maintenance or repair on electric lift trucks. Disconnect the battery ground cable on internal combustion lift trucks.
- Always use correct blocks to prevent the unit from rolling or falling. See HOW TO PUT THE LIFT TRUCK ON BLOCKS in the **Operating Manual** or the **Periodic Maintenance** section.
- Keep the unit clean and the working area clean and orderly.
- Use the correct tools for the job.
- Keep the tools clean and in good condition.
- Always use **YALE APPROVED** parts when making repairs. Replacement parts must meet or exceed the specifications of the original equipment manufacturer.
- Make sure all nuts, bolts, snap rings, and other fastening devices are removed before using force to remove parts.
- Always fasten a DO NOT OPERATE tag to the controls of the unit when making repairs, or if the unit needs repairs.
- Be sure to follow the **WARNING** and **CAUTION** notes in the instructions.
- Gasoline, Liquid Petroleum Gas (LPG), Compressed Natural Gas (CNG), and Diesel fuel are flammable. Be sure to follow the necessary safety precautions when handling these fuels and when working on these fuel systems.
- Batteries generate flammable gas when they are being charged. Keep fire and sparks away from the area. Make sure the area is well ventilated.

NOTE: The following symbols and words indicate safety information in this manual:



WARNING

Indicates a hazardous situation which, if not avoided, could result in death or serious injury.



CAUTION

Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury and property damage.

On the lift truck, the **WARNING** symbol and word are on orange background. The **CAUTION** symbol and word are on yellow background.

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This section is for the following models:

(NR035-040DB, NDR030DB) [B295];

(NDR035EB, NR045EB) [D861];

(NDR030EB, NR035-040EB) [E815]





Figure 1. Schematic/Wiring Diagram (Sheet 1 of 18)

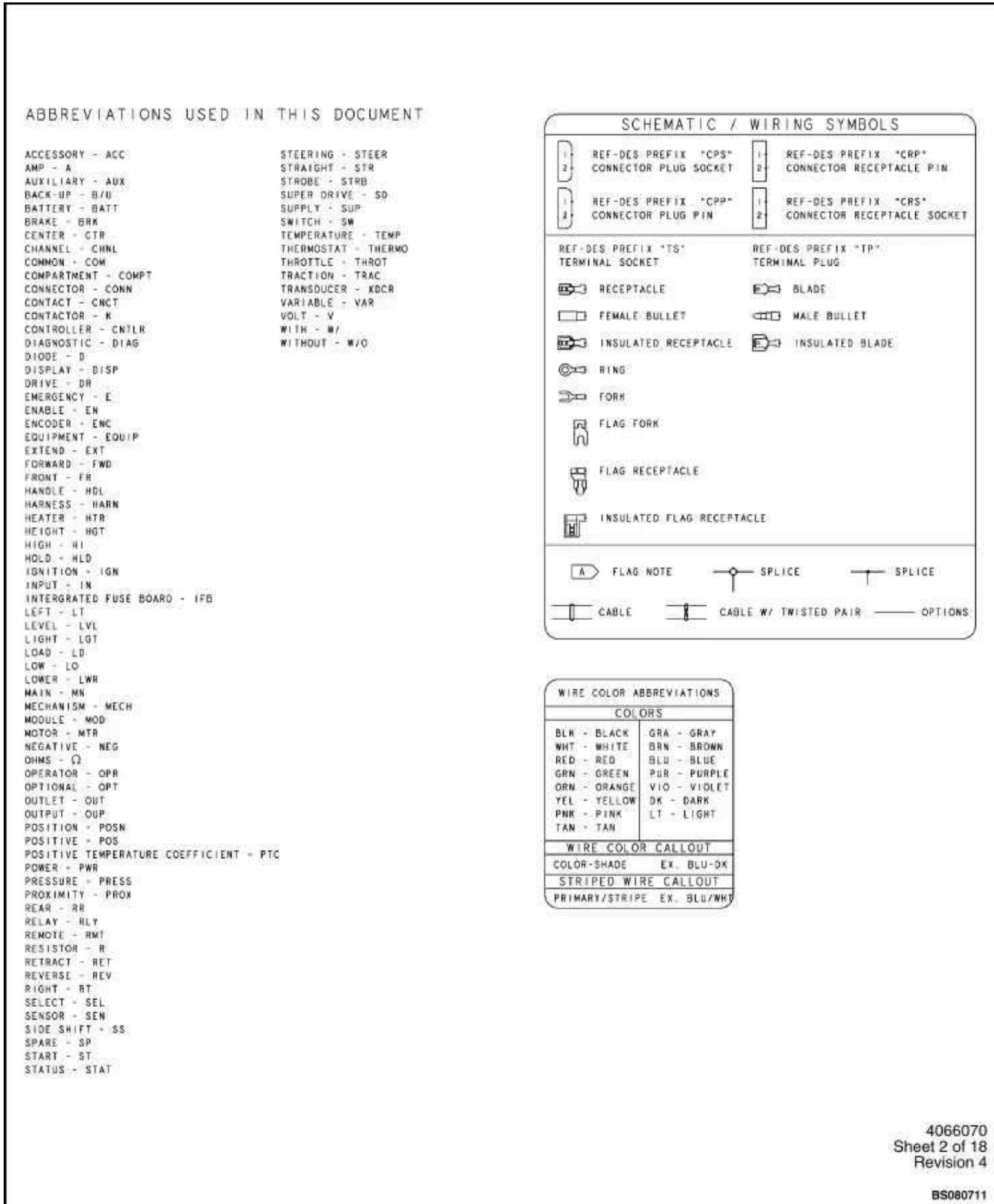


Figure 1. Schematic/Wiring Diagram (Sheet 2 of 18)

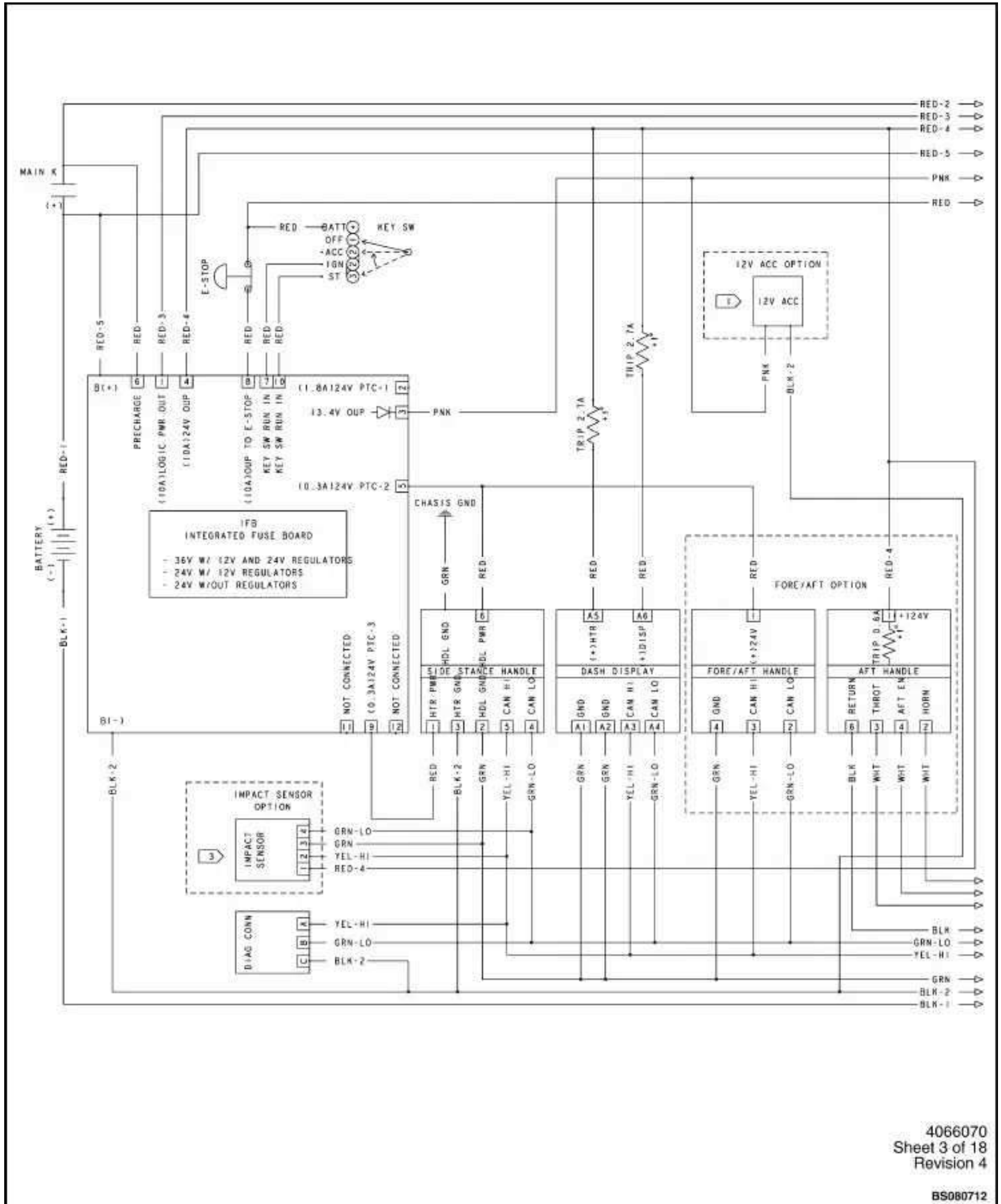
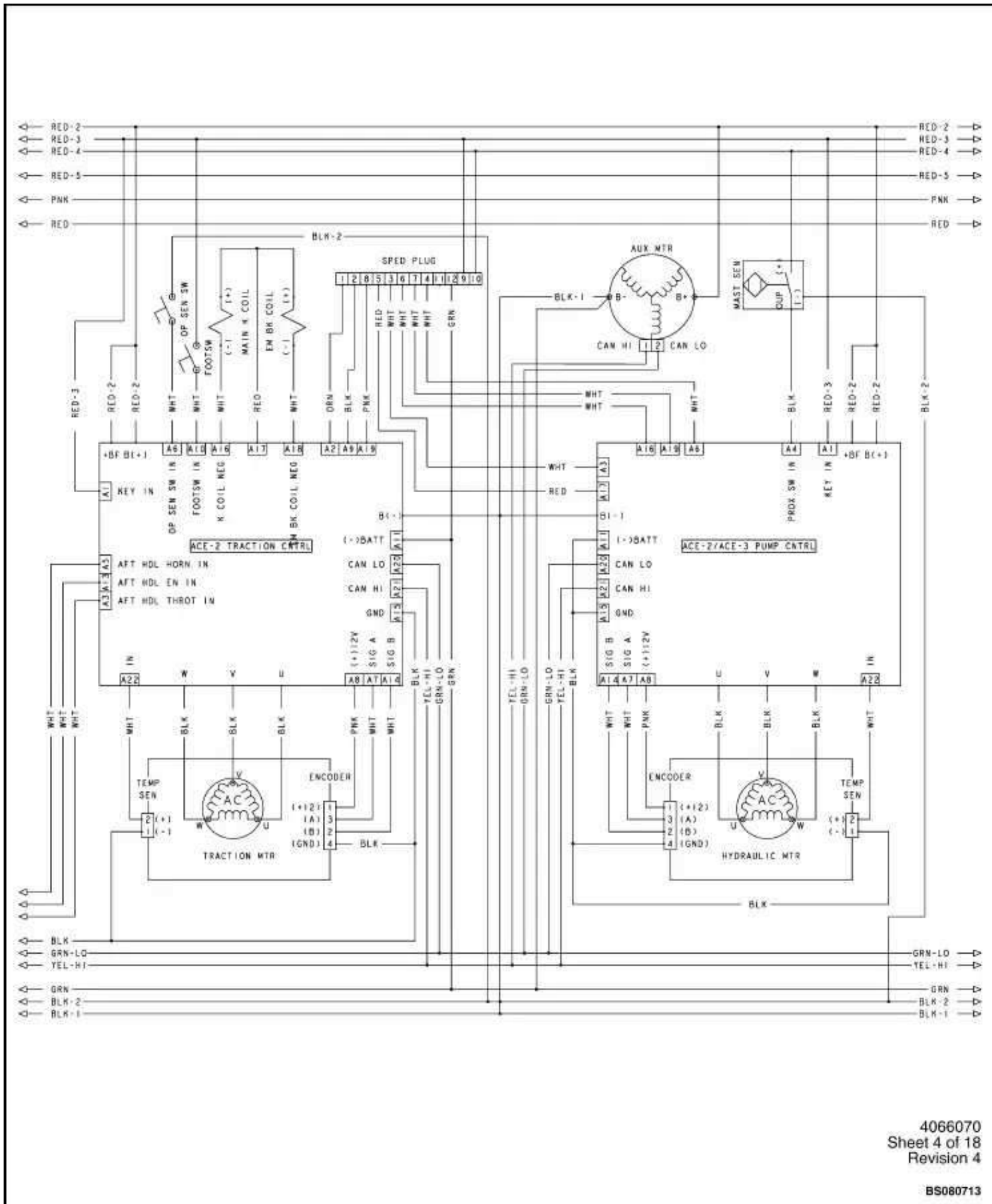


Figure 1. Schematic/Wiring Diagram (Sheet 3 of 18)



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BS080713

Figure 1. Schematic/Wiring Diagram (Sheet 4 of 18)

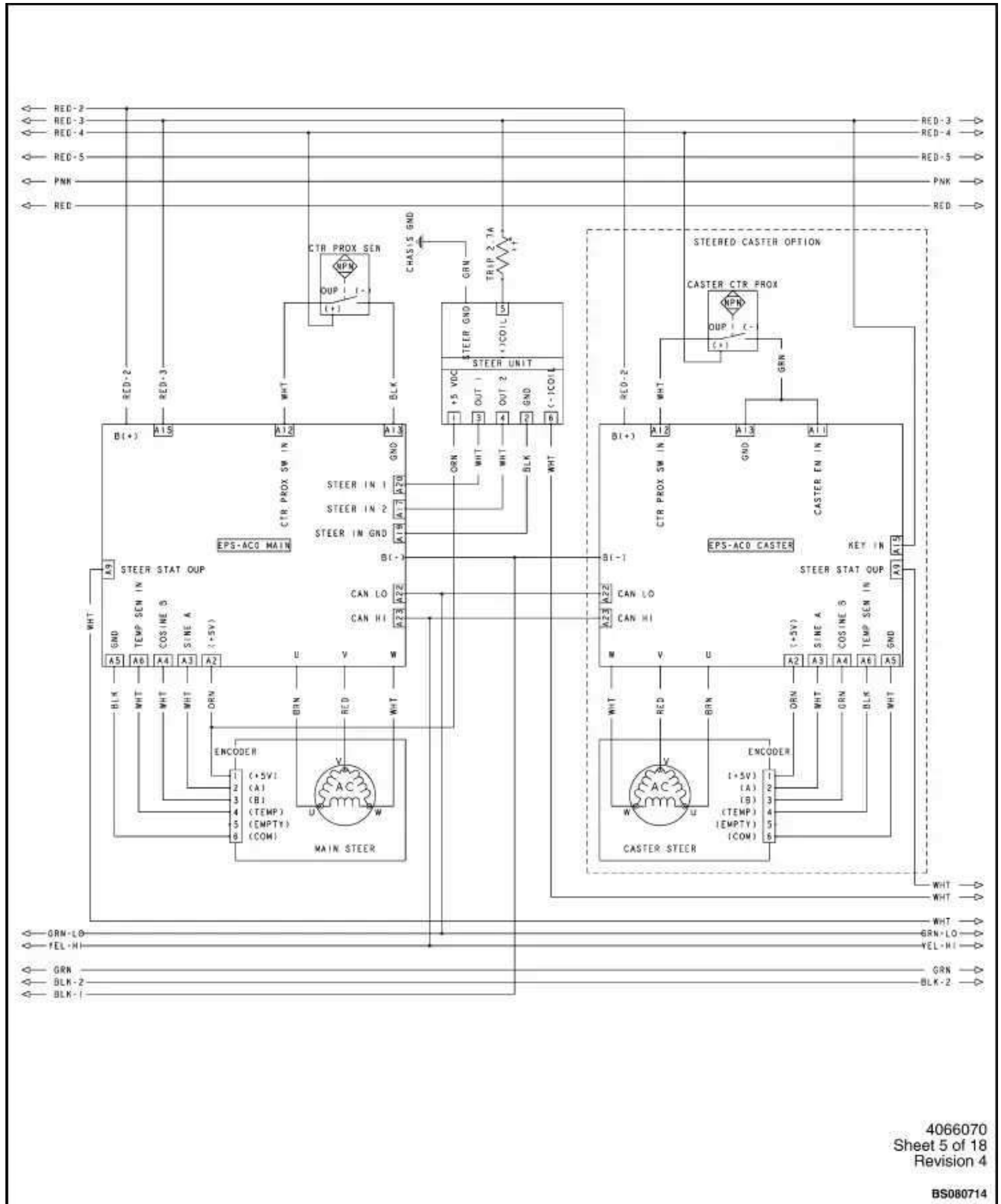
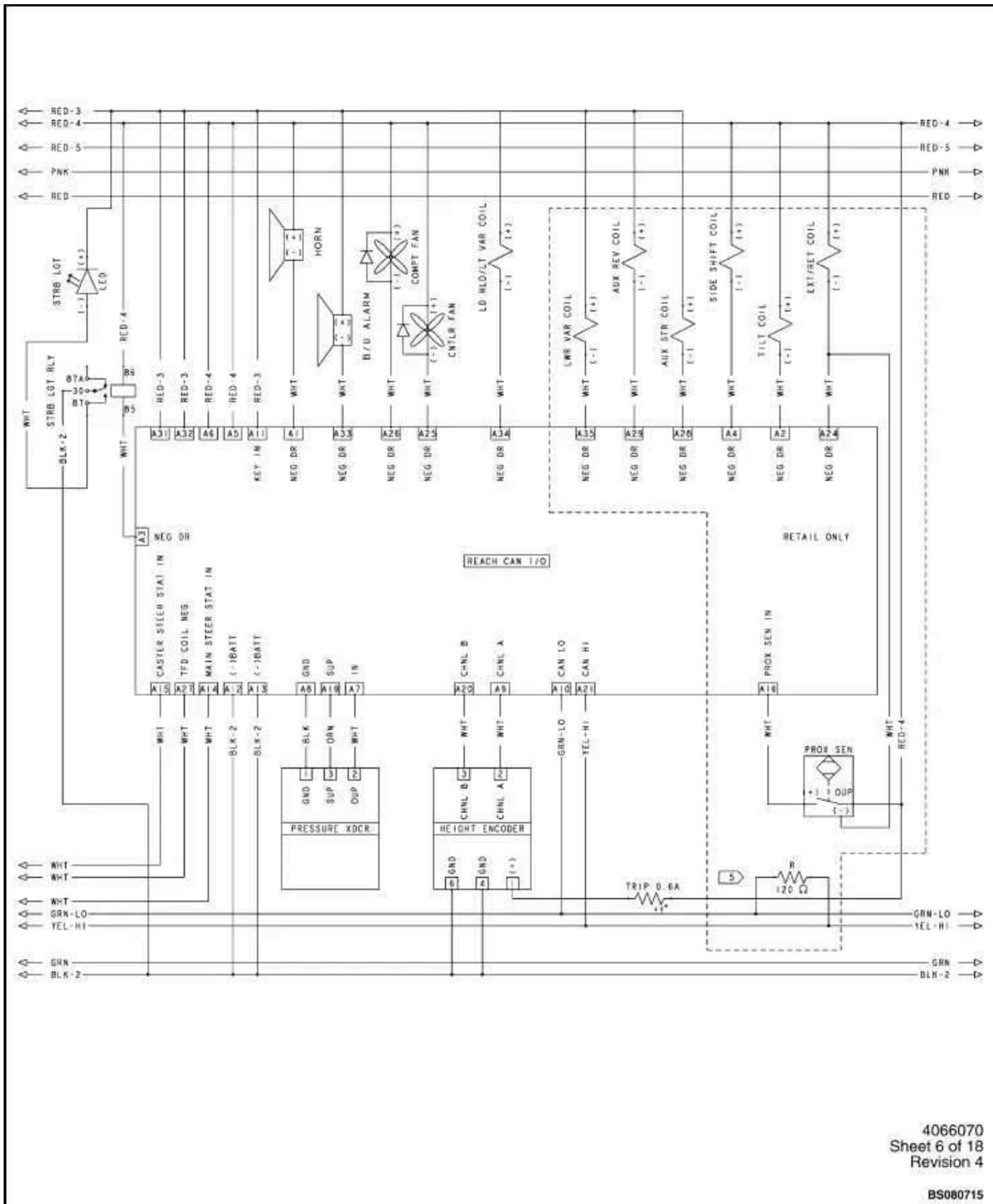


Figure 1. Schematic/Wiring Diagram (Sheet 5 of 18)

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Figure 1. Schematic/Wiring Diagram (Sheet 6 of 18)

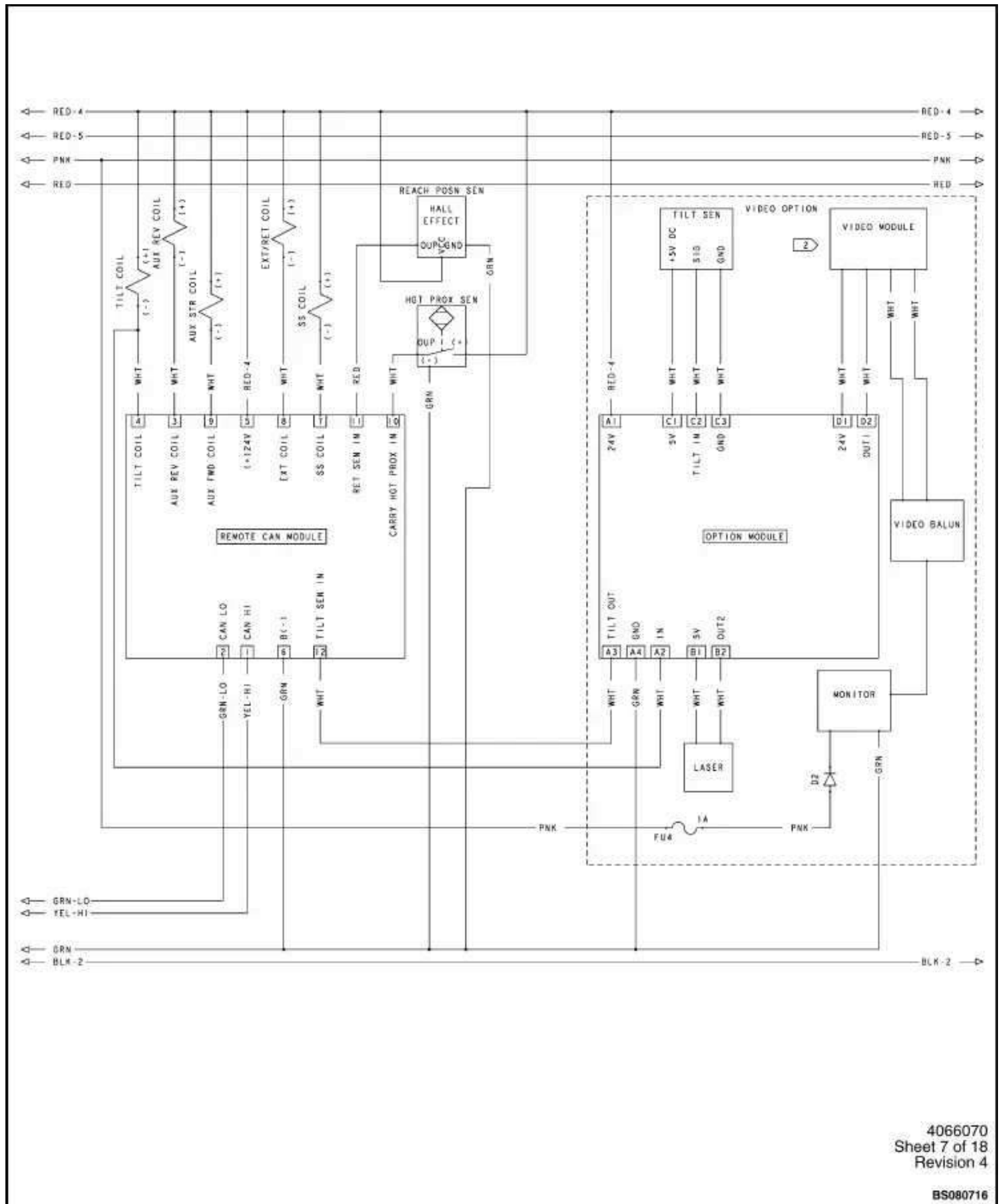
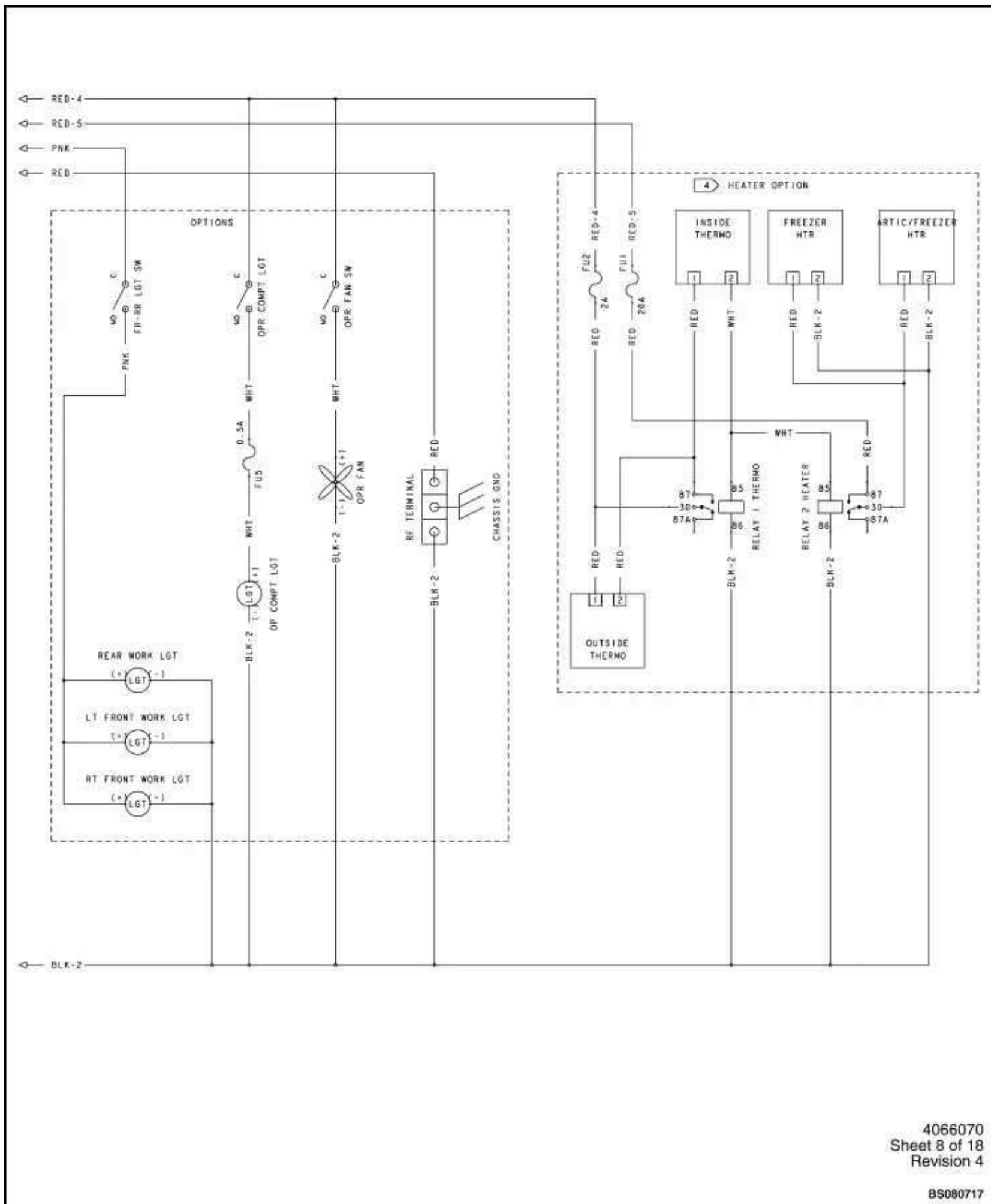


Figure 1. Schematic/Wiring Diagram (Sheet 7 of 18)

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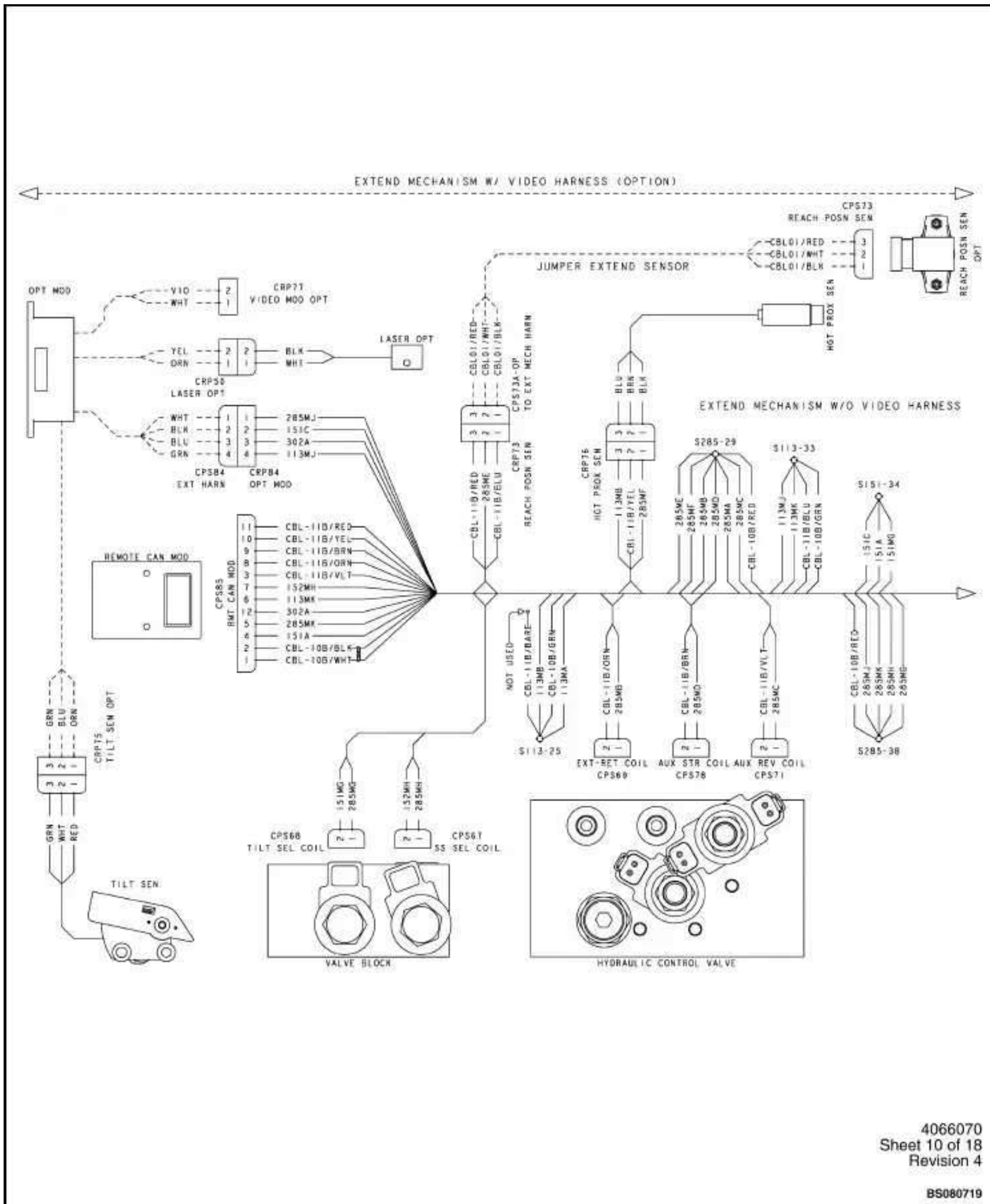
BS080716



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BS080717

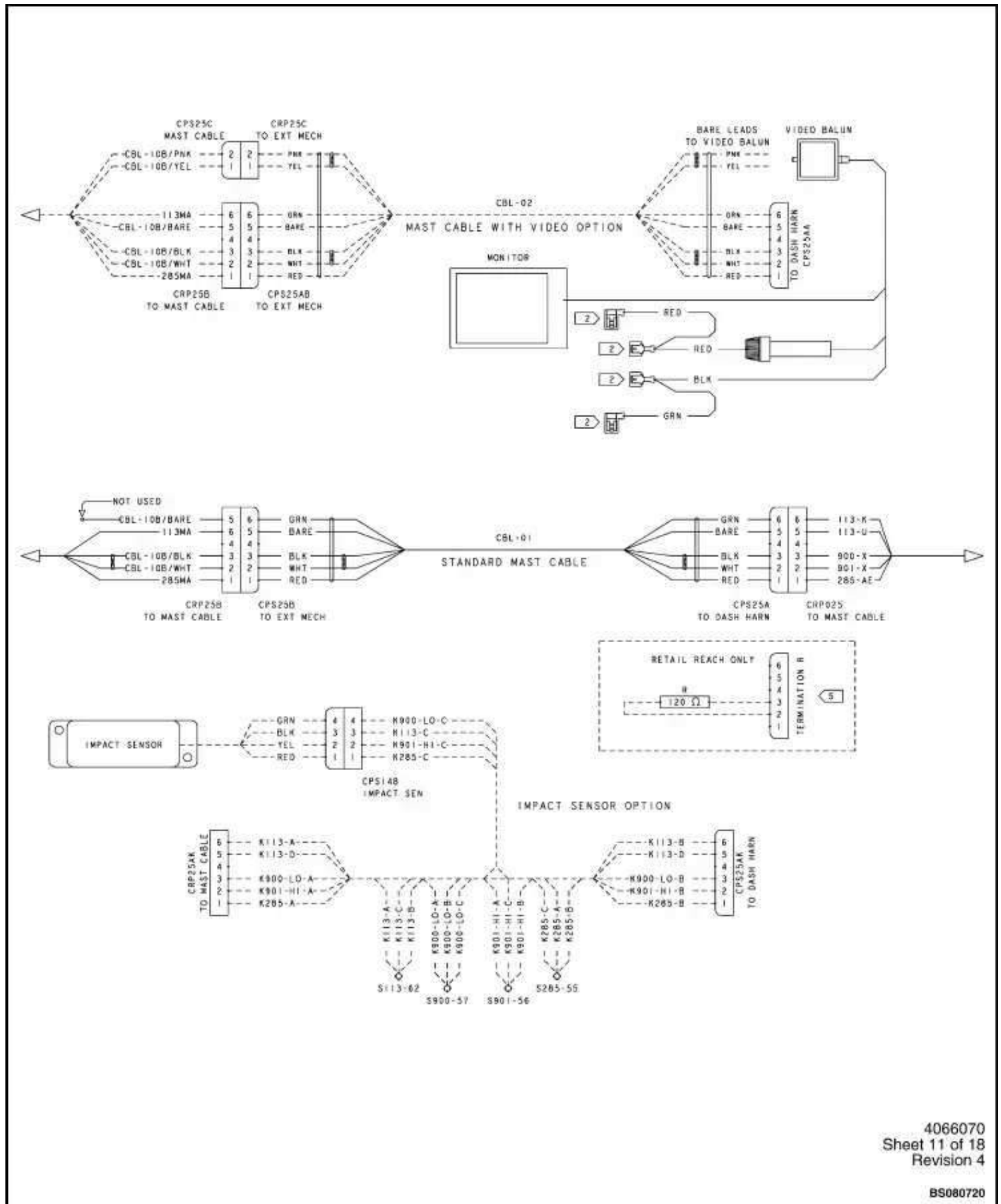
Figure 1. Schematic/Wiring Diagram (Sheet 8 of 18)



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BS080719

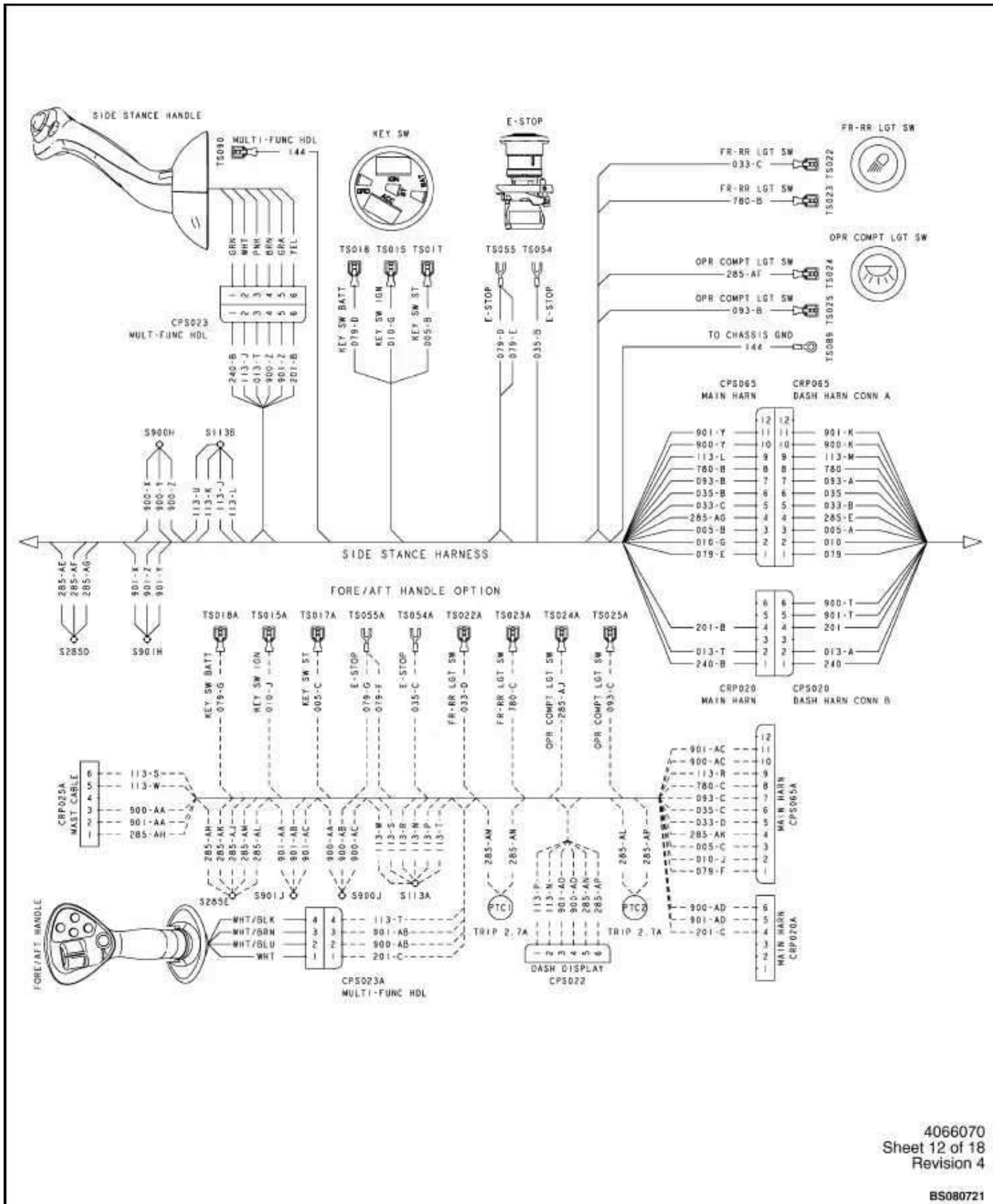
Figure 1. Schematic/Wiring Diagram (Sheet 10 of 18)



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BS080720

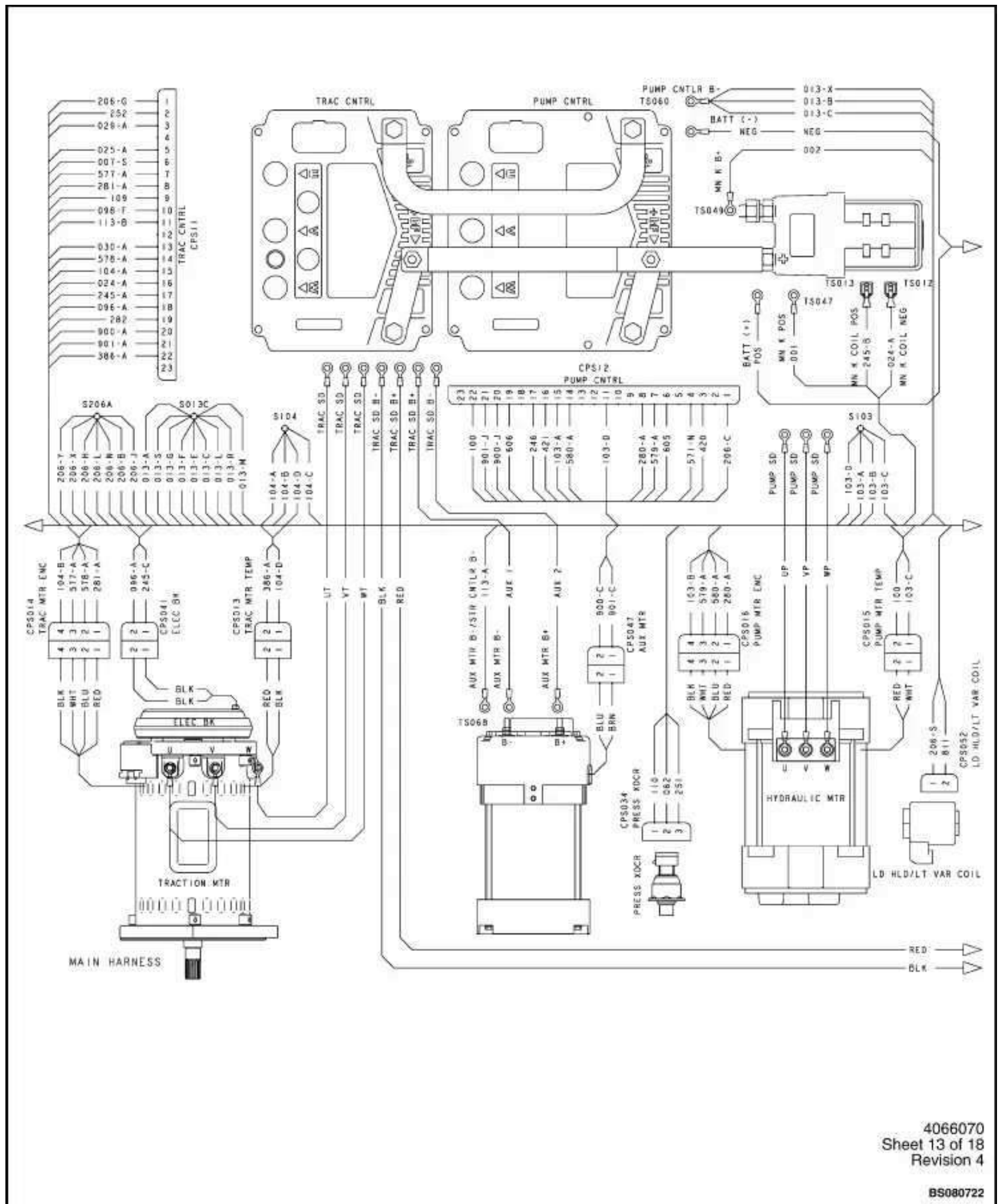
Figure 1. Schematic/Wiring Diagram (Sheet 11 of 18)



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BS080721

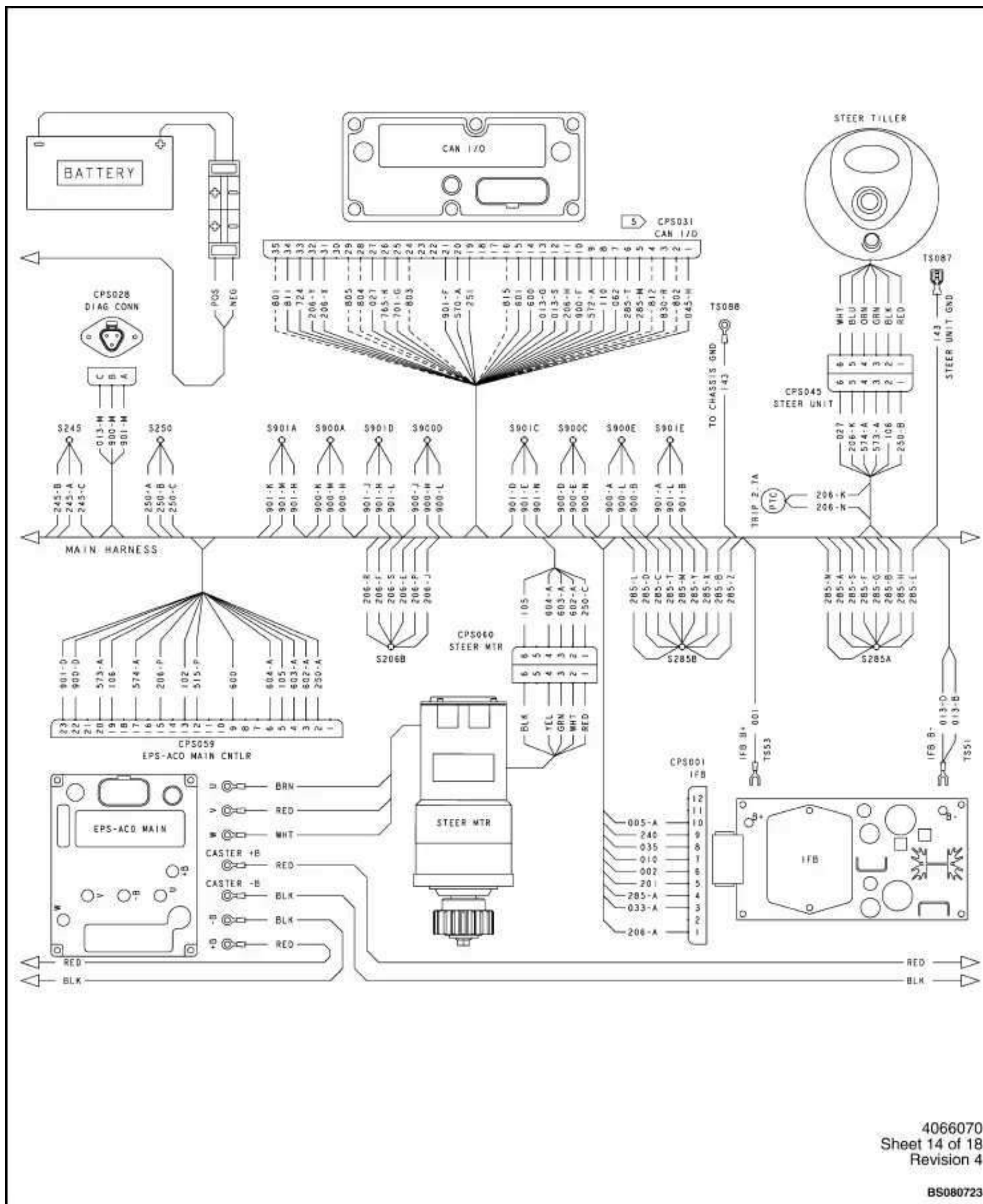
Figure 1. Schematic/Wiring Diagram (Sheet 12 of 18)



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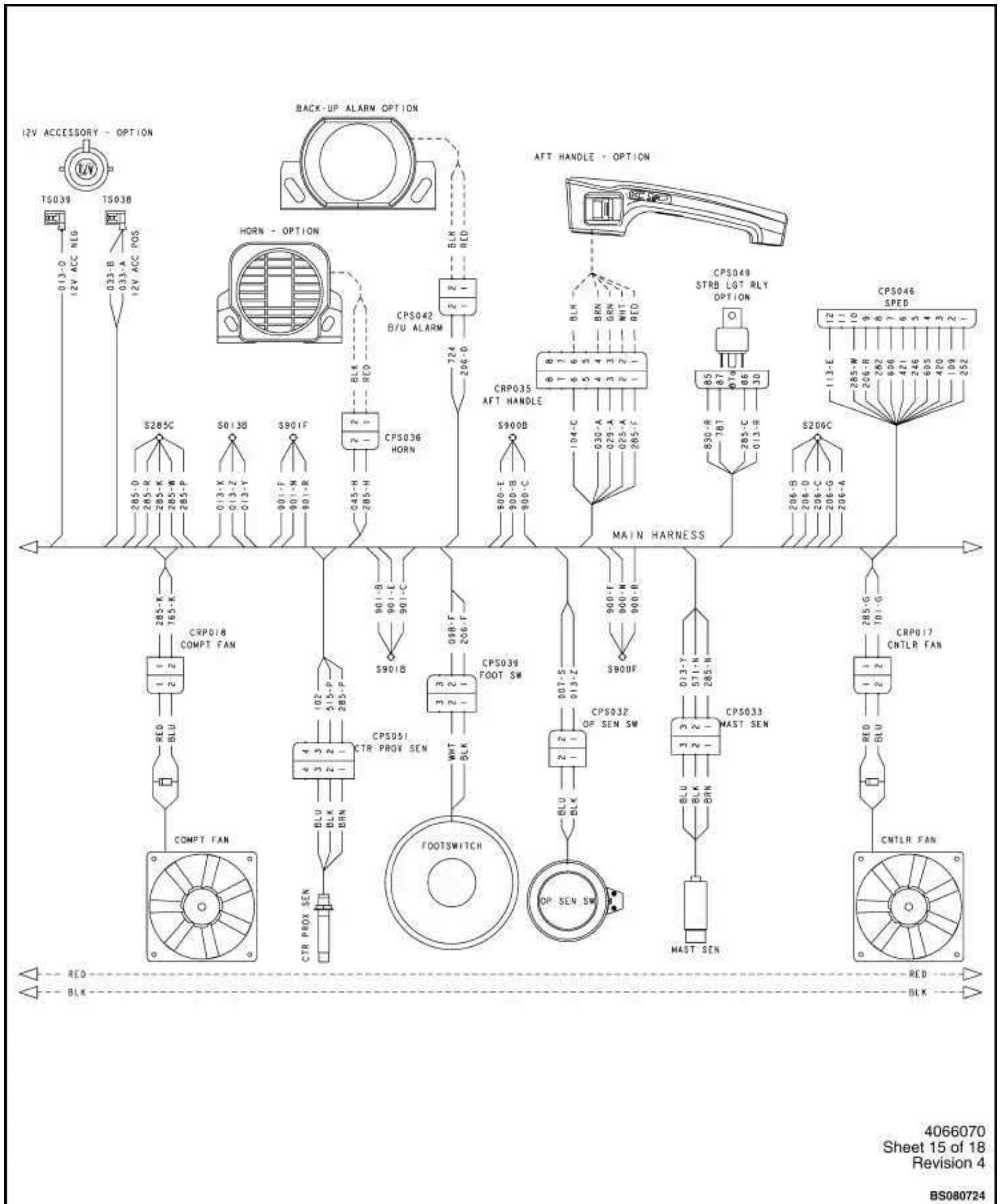
BS080722

Figure 1. Schematic/Wiring Diagram (Sheet 13 of 18)



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 BS080723

Figure 1. Schematic/Wiring Diagram (Sheet 14 of 18)



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BS080724

Figure 1. Schematic/Wiring Diagram (Sheet 15 of 18)

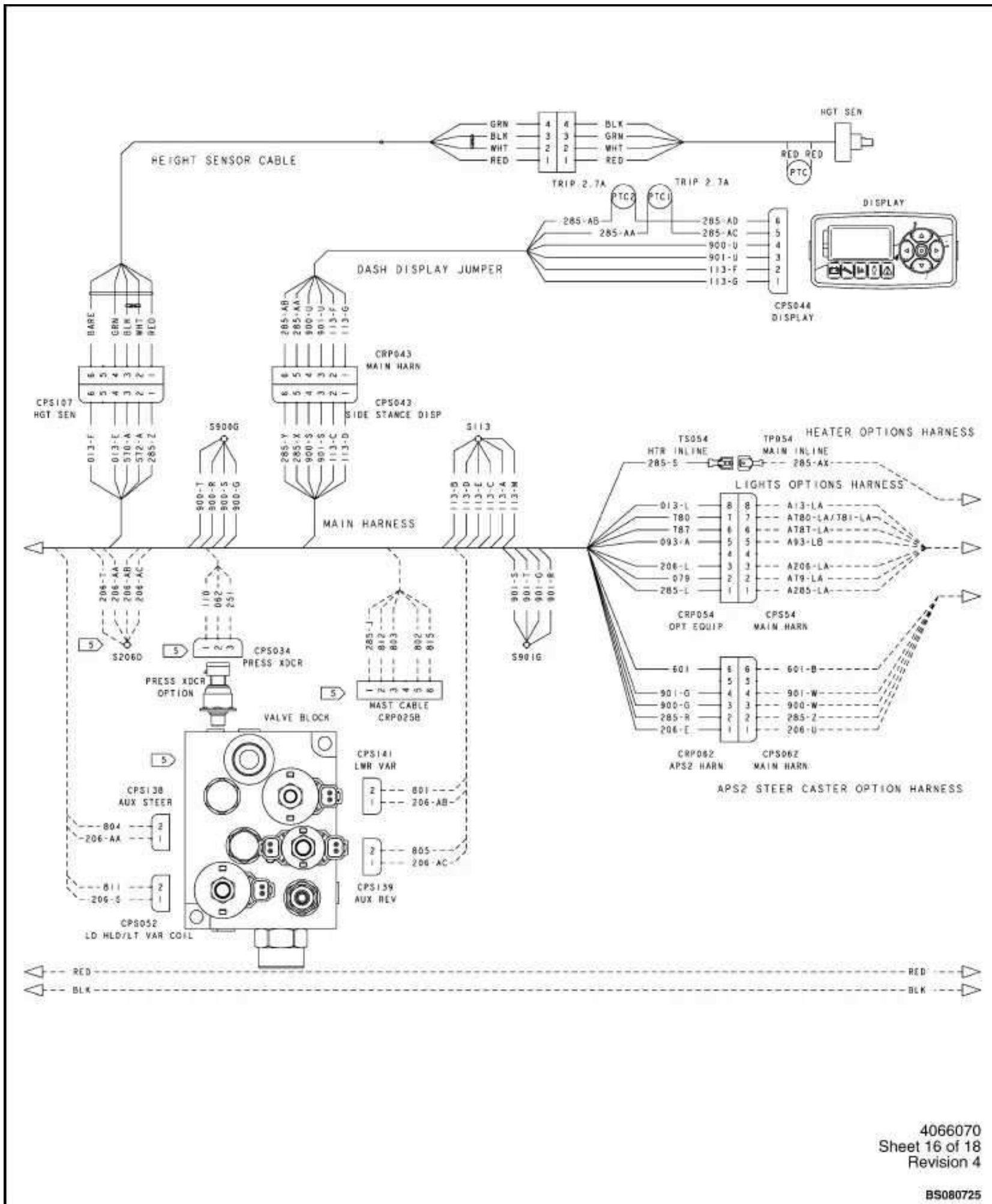
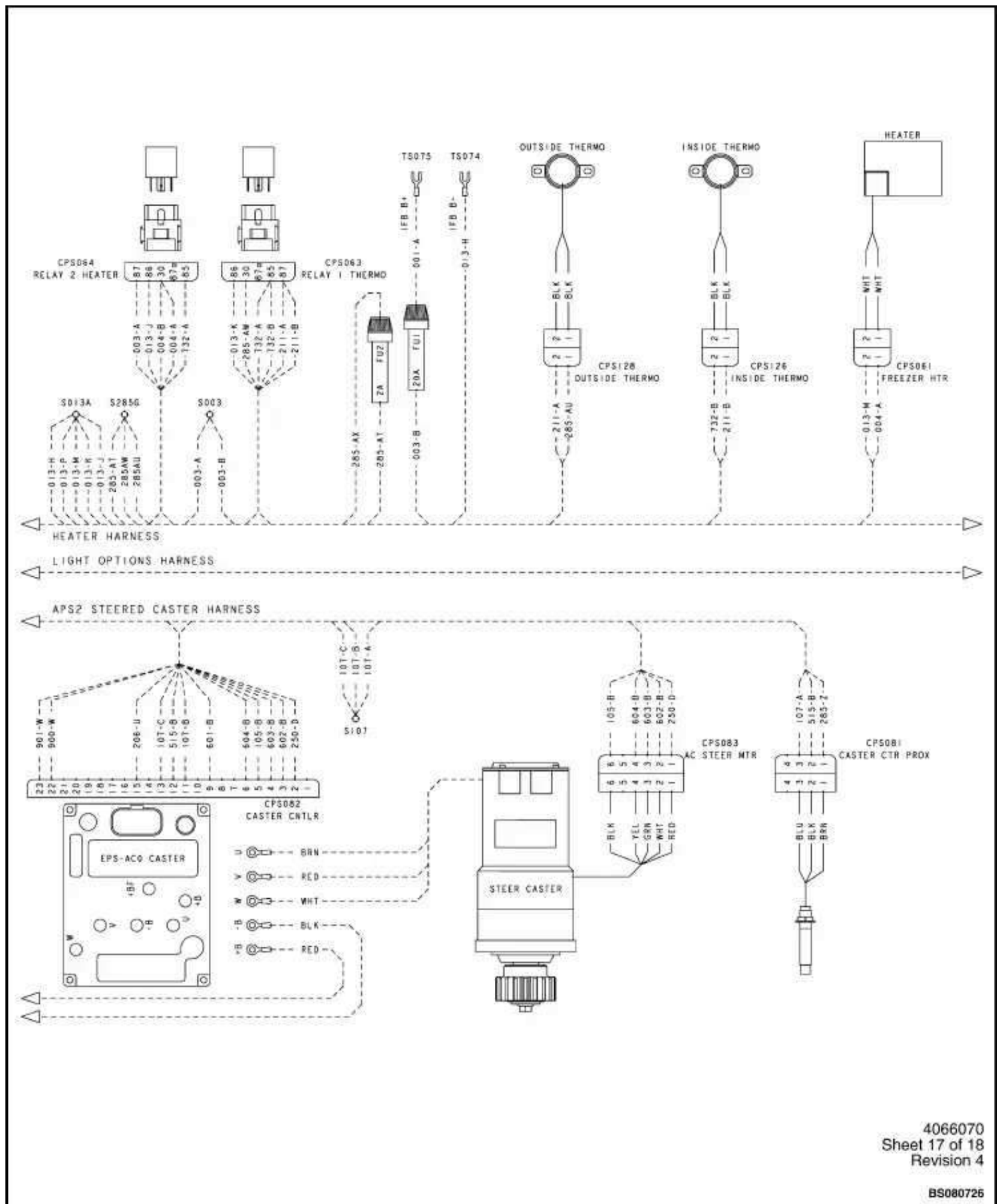


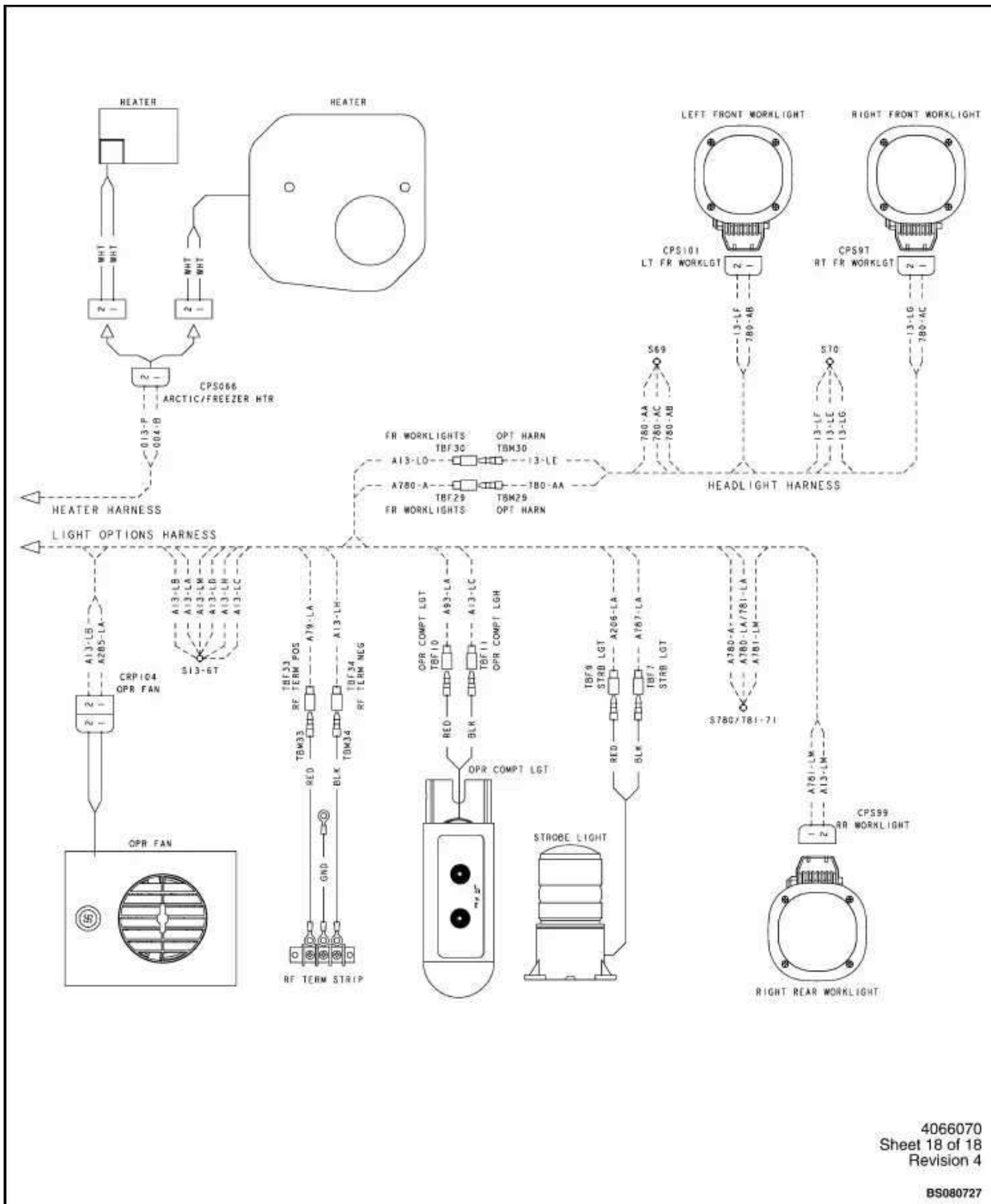
Figure 1. Schematic/Wiring Diagram (Sheet 16 of 18)



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Figure 1. Schematic/Wiring Diagram (Sheet 17 of 18)



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Figure 1. Schematic/Wiring Diagram (Sheet 18 of 18)

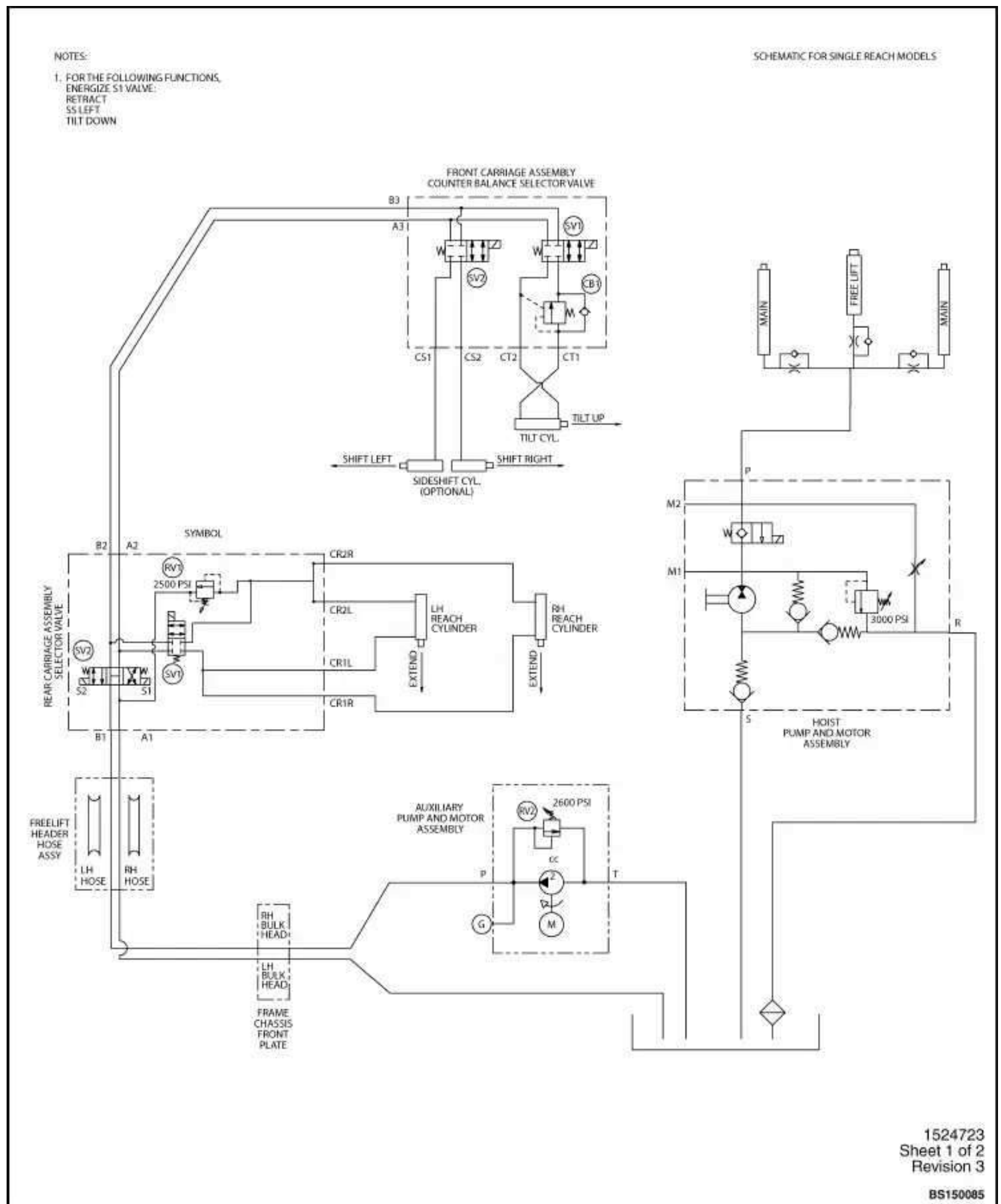


Figure 2. Hydraulic Schematic for NR045EB, NDR035EB, NR035EB, NR040EB, and NDR030EB (Sheet 1 of 2)

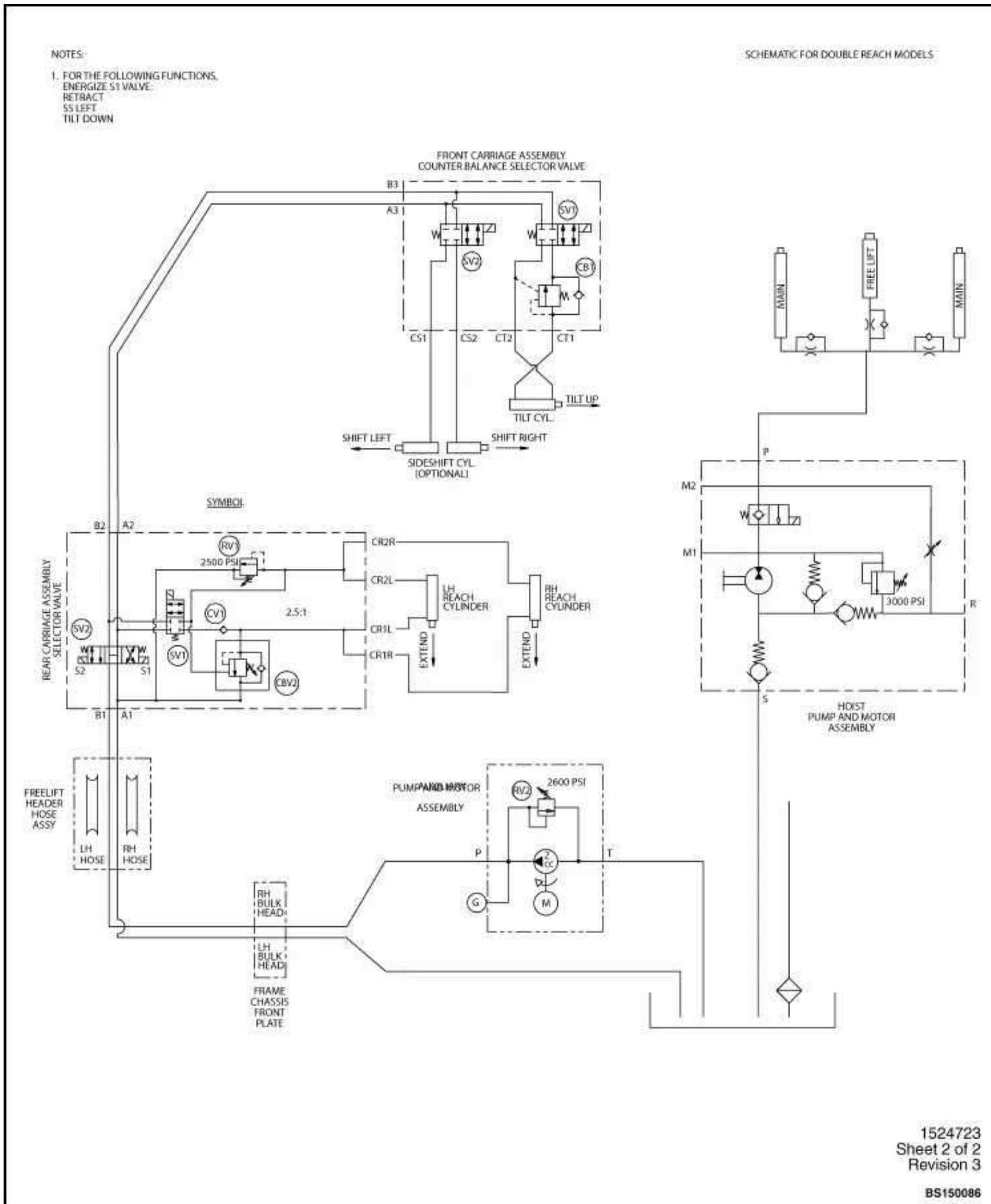


Figure 2. Hydraulic Schematic for NR045EB, NDR035EB, NR035EB, NR040EB, and NDR030EB (Sheet 2 of 2)

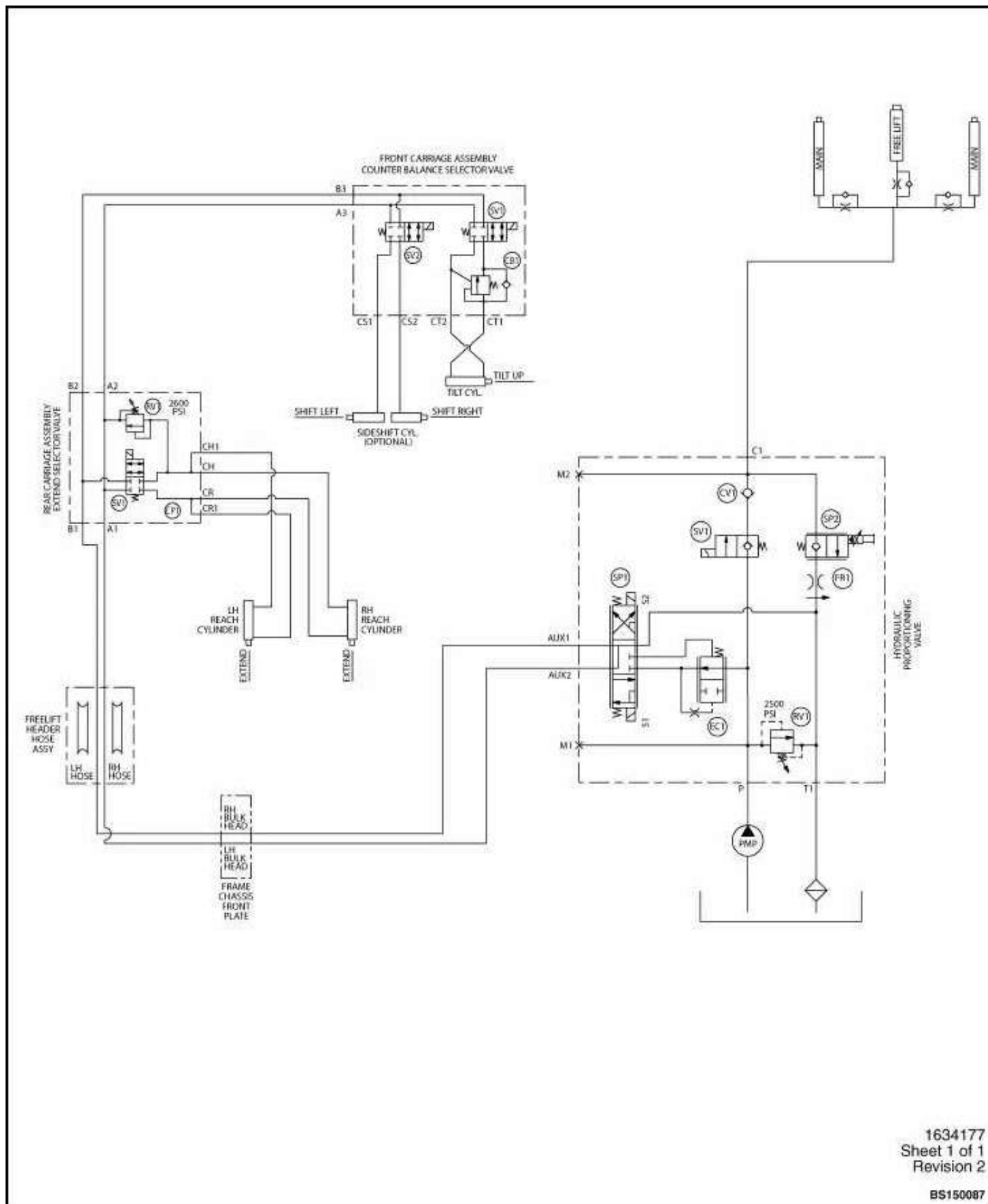


Figure 3. Hydraulic Schematic for NR035DB, NR040DB, NDR030DB

