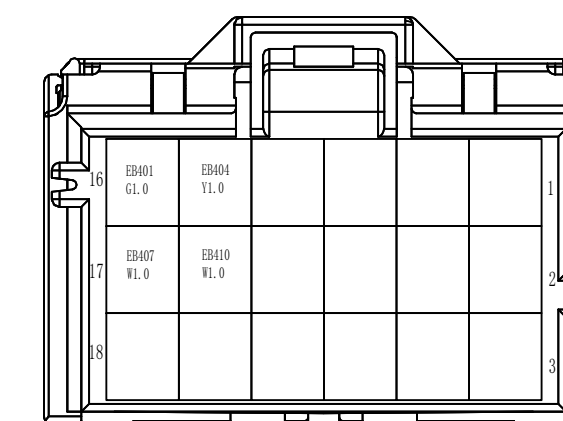
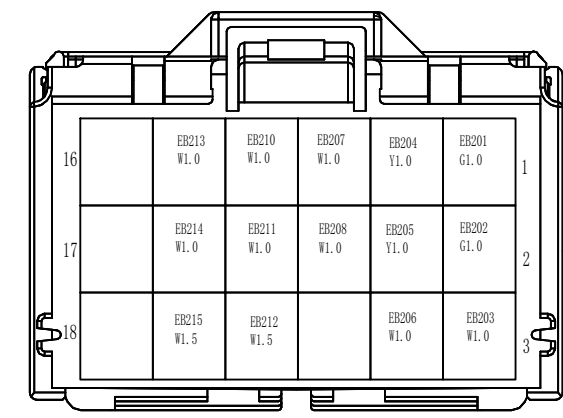
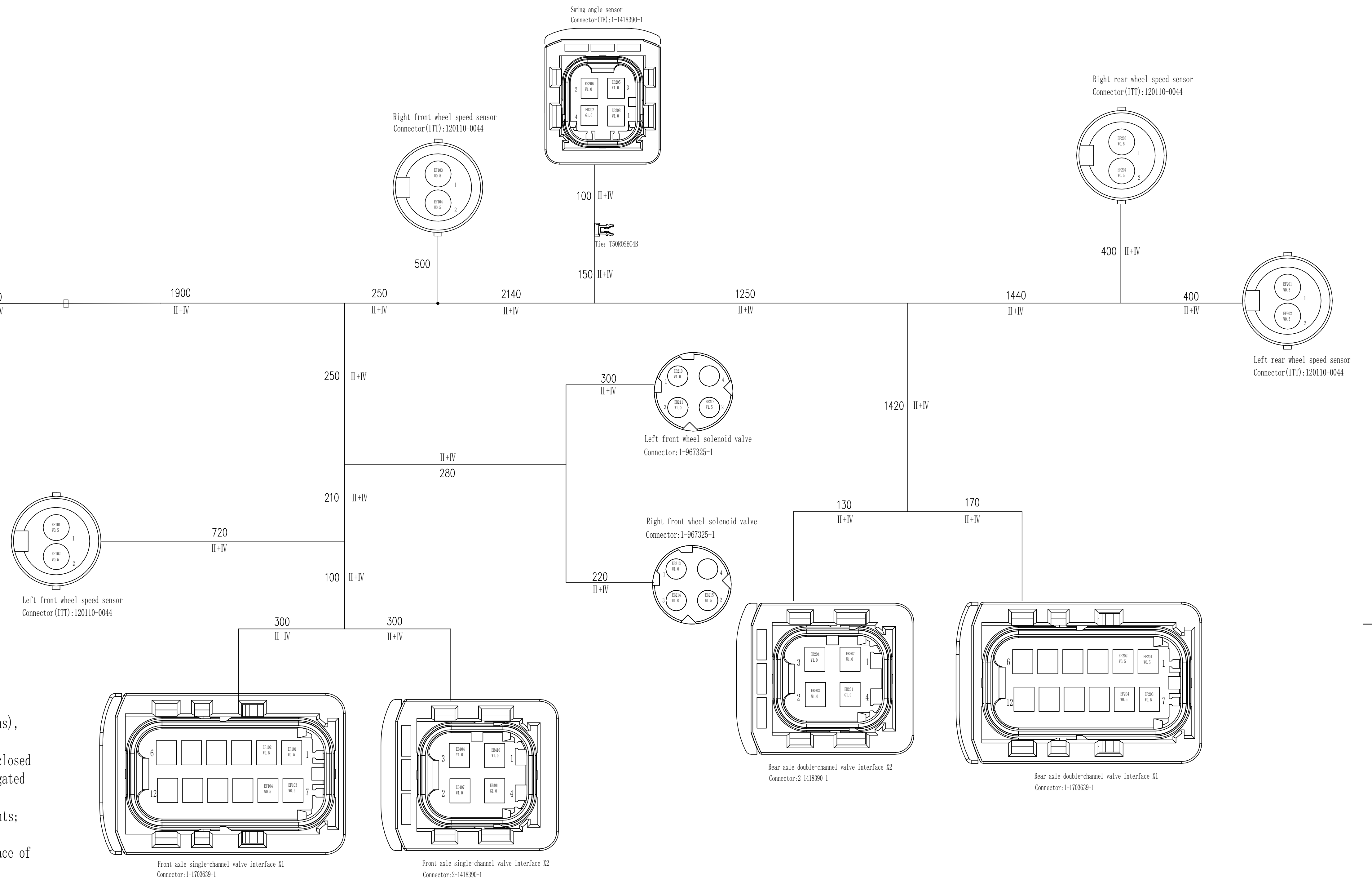


EBS dashboard wiring harness A
Connector (TE/blue): 6-968974-1



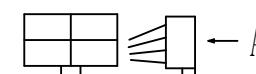
EBS dashboard wiring harness B
Connector (TE/purple): 5-968974-1



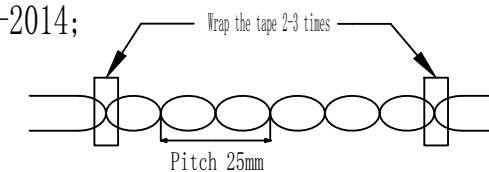
Technical requirements:

1. The wire harness uses thin-walled FLRY-B standard wire, which can withstand temperatures from -40°C to 105°C;
 2. Function and wire harness through-hole identification adopts laser engraving or yellow marking (special color refer to online instructions), font wear-resistant and clear and reliable;
 3. The outside of the harness is protected by a black UFW super flat closed corrugated pipe, and the flame retardant characteristics of the corrugated pipe meet the V-0 level specified in GB/T 2408.
- Special requirements refer to Article 14 of these technical requirements;
4. The tail of the connector is protected by a tail clip;
 5. The correct rate of conductor conduction is 100%, and the blank space of the waterproof connector needs to be blocked with a blind plug.
 6. The connection points of the wires should be dispersed and not concentrated, and the connection points should be welded using an ultrasonic welding machine. The transparent double-wall tape with adhesive heat shrink tube should be used for protection.
 7. The wire number is printed every 15 mm with a marking machine, and the wire number is clear and reliable;
 8. The diameter of the shielded twisted pair is 0.75 mm², and the splice point uses a splice terminal for crimping. When crimping or splicing, the rubber covering of the shielded twisted pair should be peeled off. The length should not exceed 150mm, and the shielding layer must be heat-shrink wrapped all the way, with no exposed copper wire;
 9. The harness meets the requirements of QC/T 29106-2014;
 10. Permanent waterproof labels are pasted at the main connector of the harness, including the harness number, name, version number, production date, supplier information, etc.
 11. In addition to the special marking requirements for the diameter of the corrugated pipe in the drawings, the filling rate of the wire relative to the corrugated pipe should be more than 80%. If the branch cannot meet this requirement, additional tape should be wrapped around the wire in the corrugated pipe for protection.

12. Without special instructions, the view direction is based on the following figure (when the pin number of the connector is not consistent with the view, the view direction is the standard);



13. The requirements for the twisted wire are as shown in the figure below: 40 twists per meter, and the anti-loose wrapping of the twisted wire should comply with the content specified in section 4.3.5 of QC/T29106-2014;



14. Wiring harness protection refers to the following items, which are combined by default from the inner layer to the outer layer:

- | | |
|----------------------------------|---|
| I Zipper-type PVC hose | VI High-temperature glass fiber sleeve |
| II PP open-ended corrugated pipe | VII Aluminum foil tape completely wrapped |
| III Self-winding textile sleeve | VIII Aluminum foil sleeve |
| IV PVC sleeve | IX Velcro textile sleeve |
| V All wrapped with duct tape | X bib sleeves |

15. The ABS solenoid valve, wheel speed sensor connector, and wire use integrated cable and integrated twisted pair cable, respectively. The cable length is 500mm from the connector tail, and the rest of the sensor wire uses ordinary twisted pair wire.

16. In addition to the special requirements for the diameter of the bellows, it is required that the filling rate of the wire relative to the bellows be more than 80%. If it cannot be met, the wire needs to be wrapped with tape in the bellows for full protection.