



IET FORMULA 24

KIT CAR MANUAL



National partner



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SIEMENS

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SOLID EDGE

TOOLS REQUIRED FOR THE BUILD

CHASSIS / MECHANICAL:

- Metric Spanners (selection)
- Metric Allen Keys (selection)
- Cordless Drill
- 3.3mm Drill Bit
- 8mm Drill bit
- Pliers
- Side Cutters
- Screwdrivers (selection)
- Pop Riveter
- Craft Knife
- Small G Clamps
- Double Sided Tape
- Safety Equipment

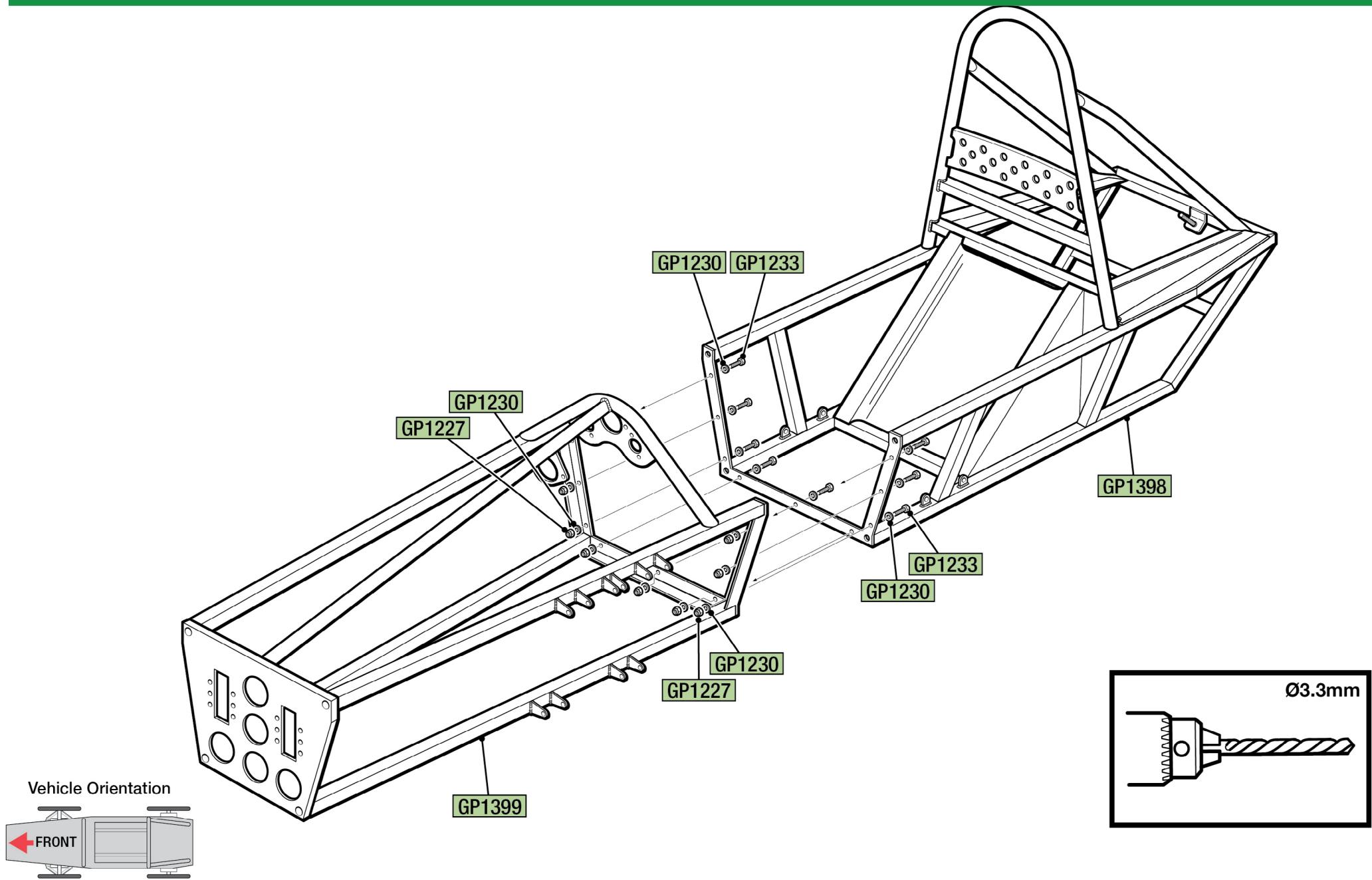
FINISHING:

- Tyre Levers
- Tyre Pump with Pressure Gauge
- Cable Ties

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FRONT AND REAR CHASSIS ASSEMBLY

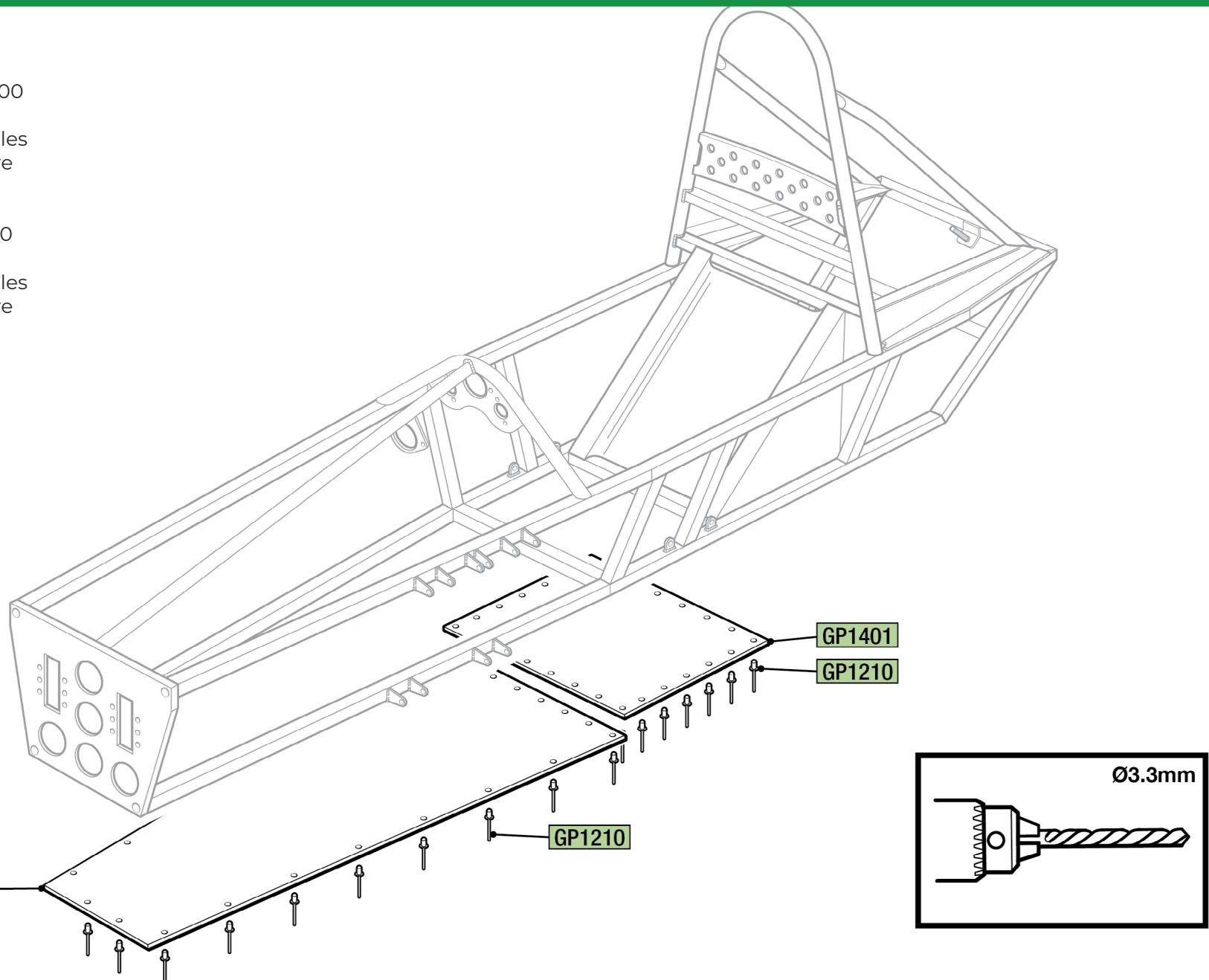


FITTING FLOOR TO CHASSIS

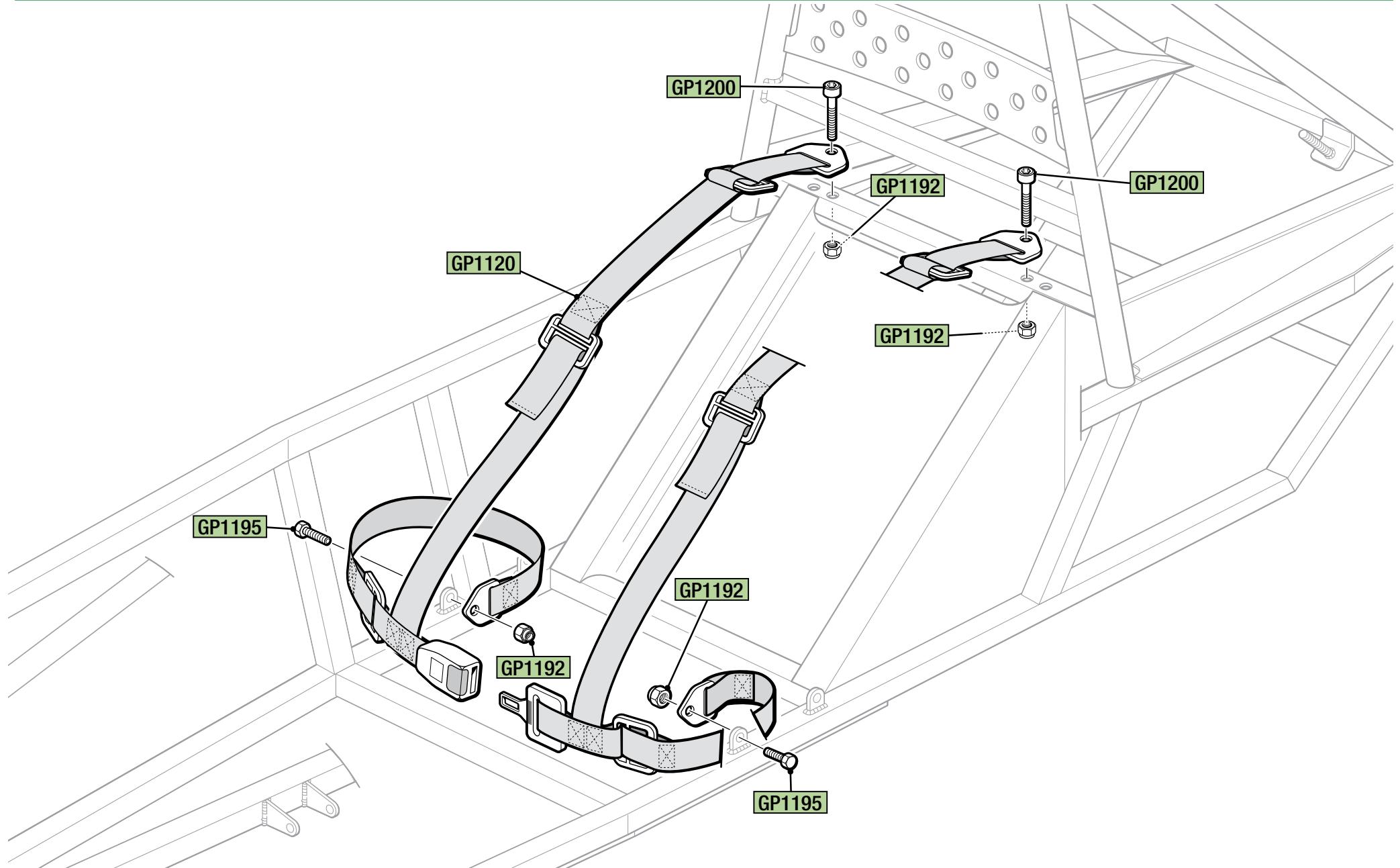
NOTE:

Offer up front floor panel GP1400 to chassis. Using floor panel (GP1400) as a template, drill holes using 3.3mm drill bit and secure to chassis with pop rivets.

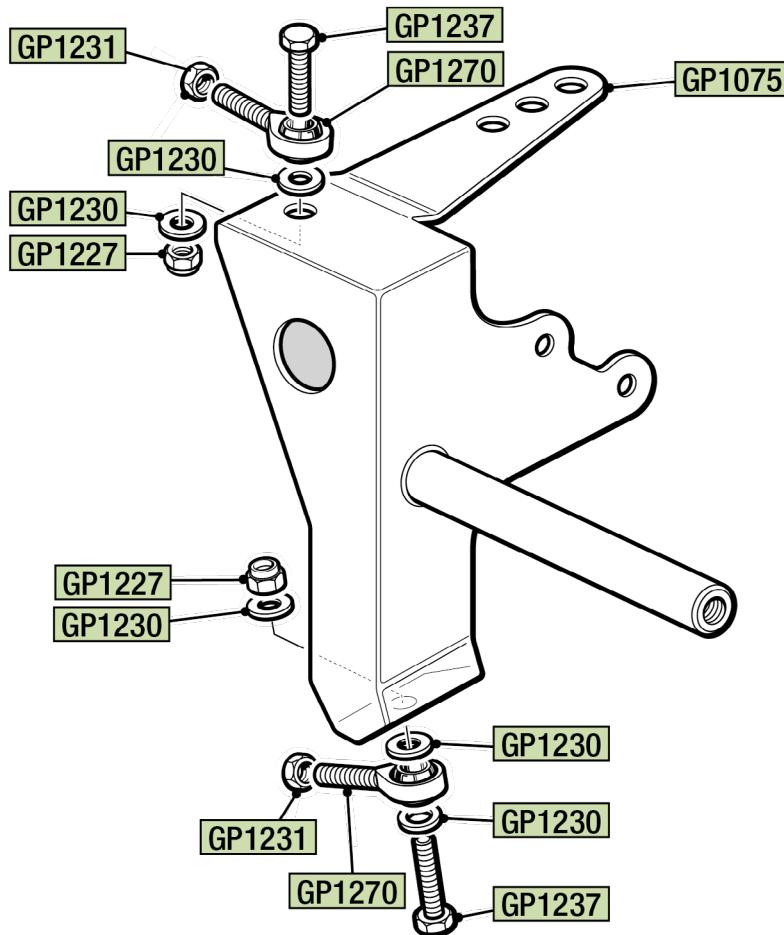
Offer up rear floor panel GP1400 to chassis. Using floor panel (GP1400) as a template, drill holes using 3.3mm drill bit and secure to chassis with pop rivets.



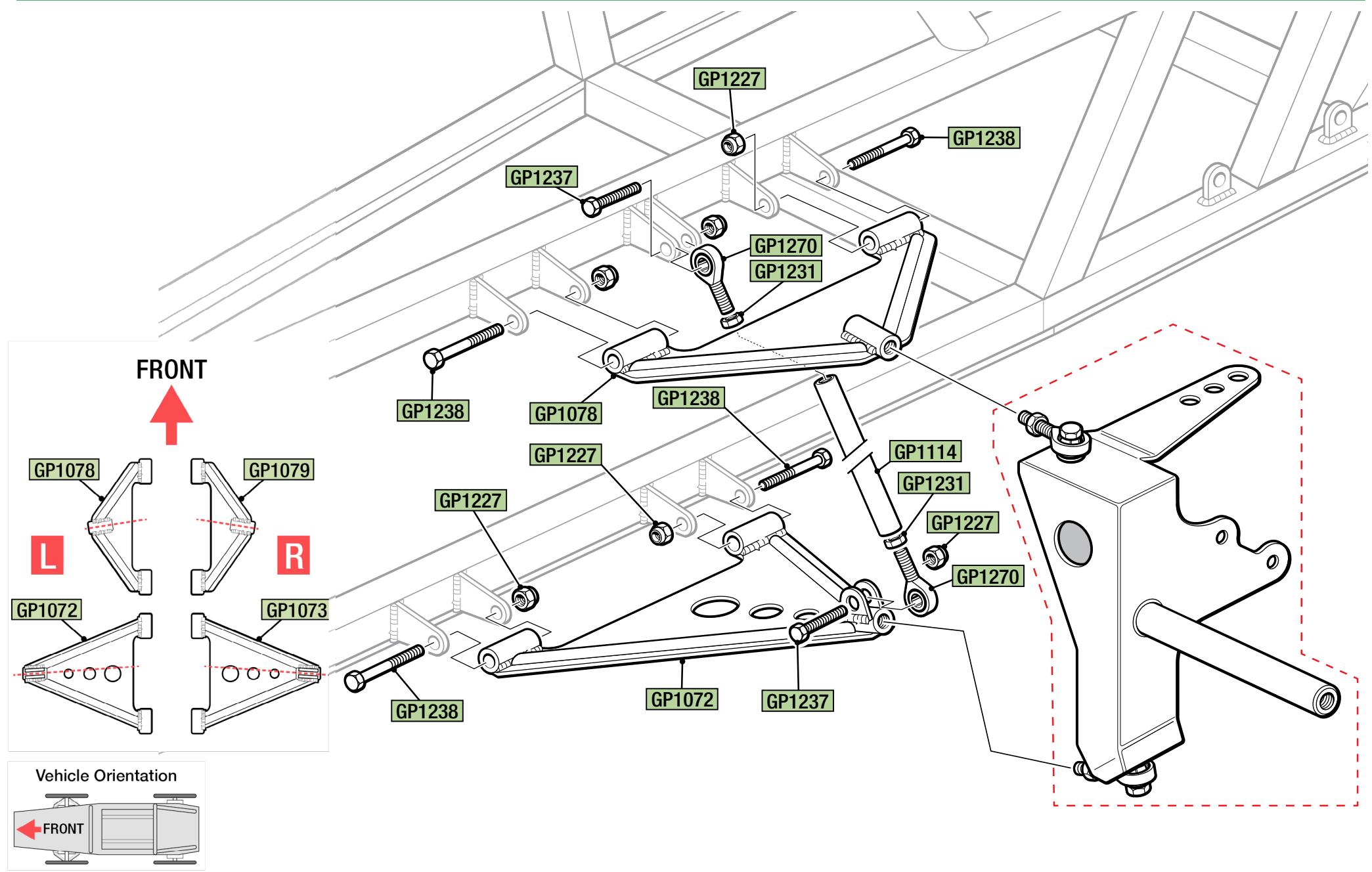
SAFETY HARNESS



FRONT UPRIGHT ASSEMBLY



CAMBER, TRACKING, ACKERMANN & RIDE HEIGHT



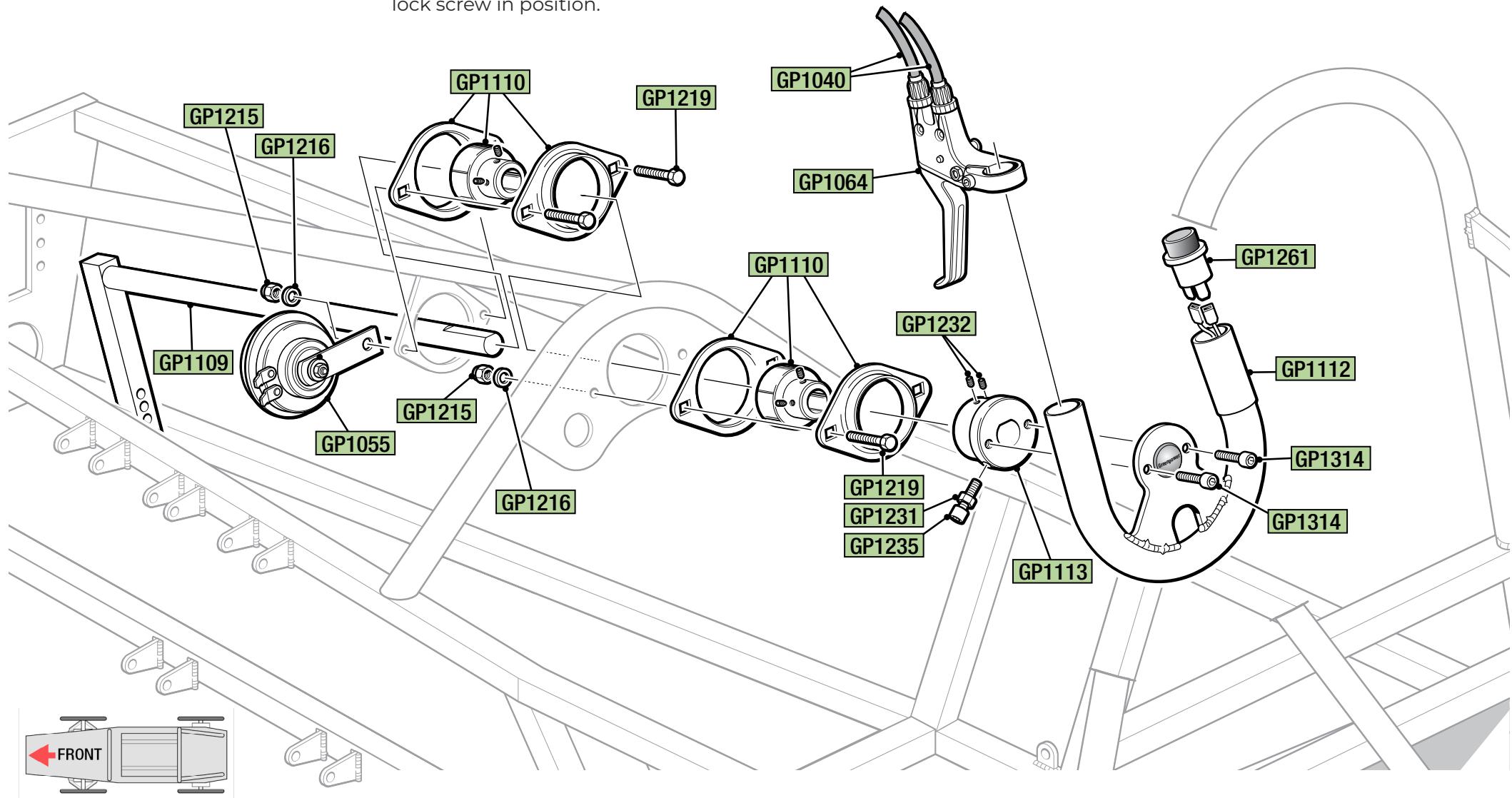
STEERING SYSTEM, HORN, BRAKE LEVER & STARTER BUTTON

NOTE:

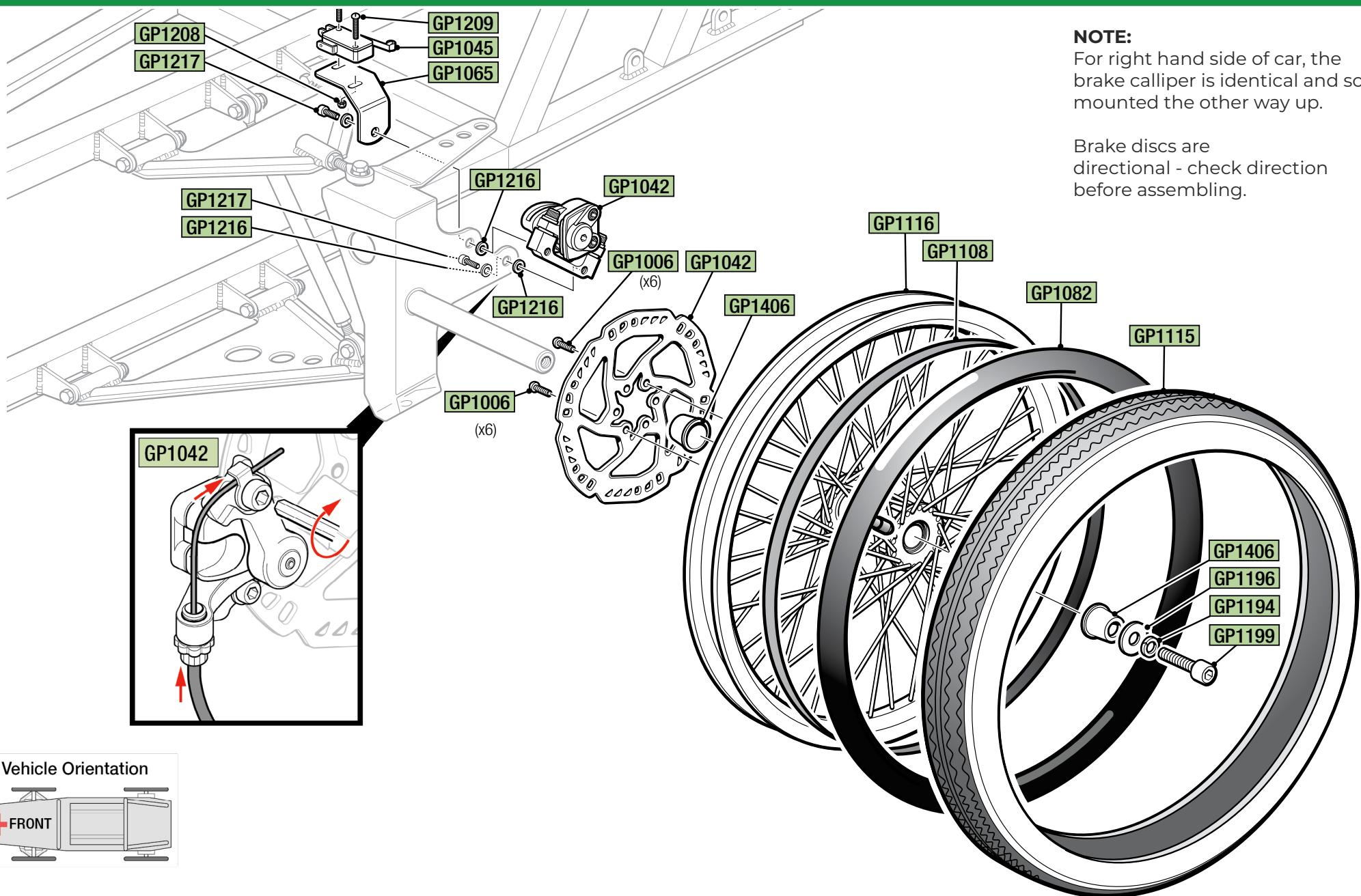
Do not tighten GP1109 bearing bolts or grub screws until steering column position is finalised.

NOTE:

When Steering wheel GP1112 is assembled fully tighten screw GP1235. Tighten nut GP1231 to lock screw in position.



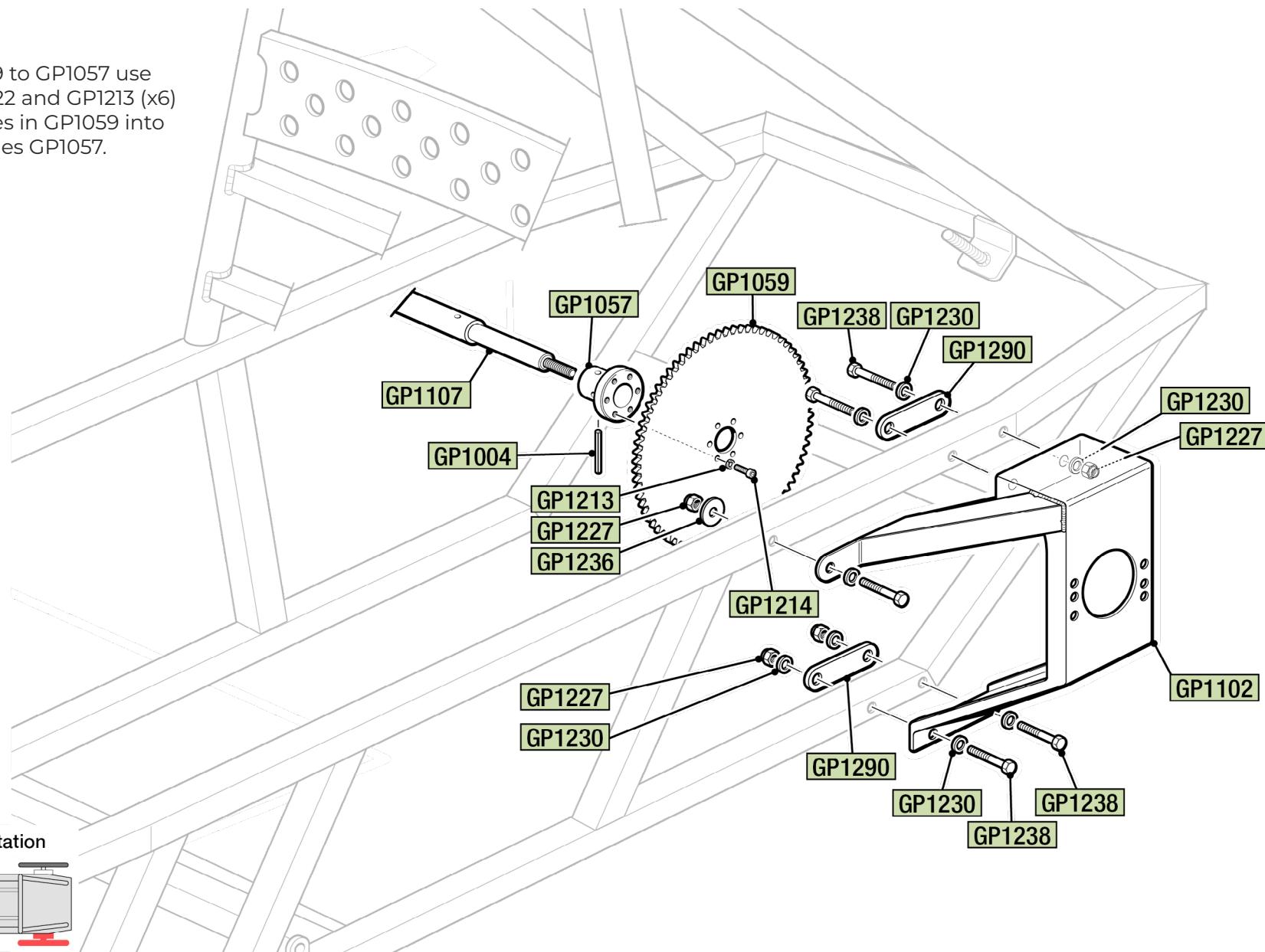
FRONT WHEEL & BRAKE ASSEMBLY



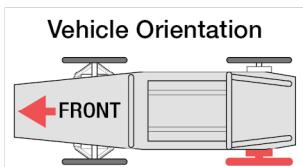
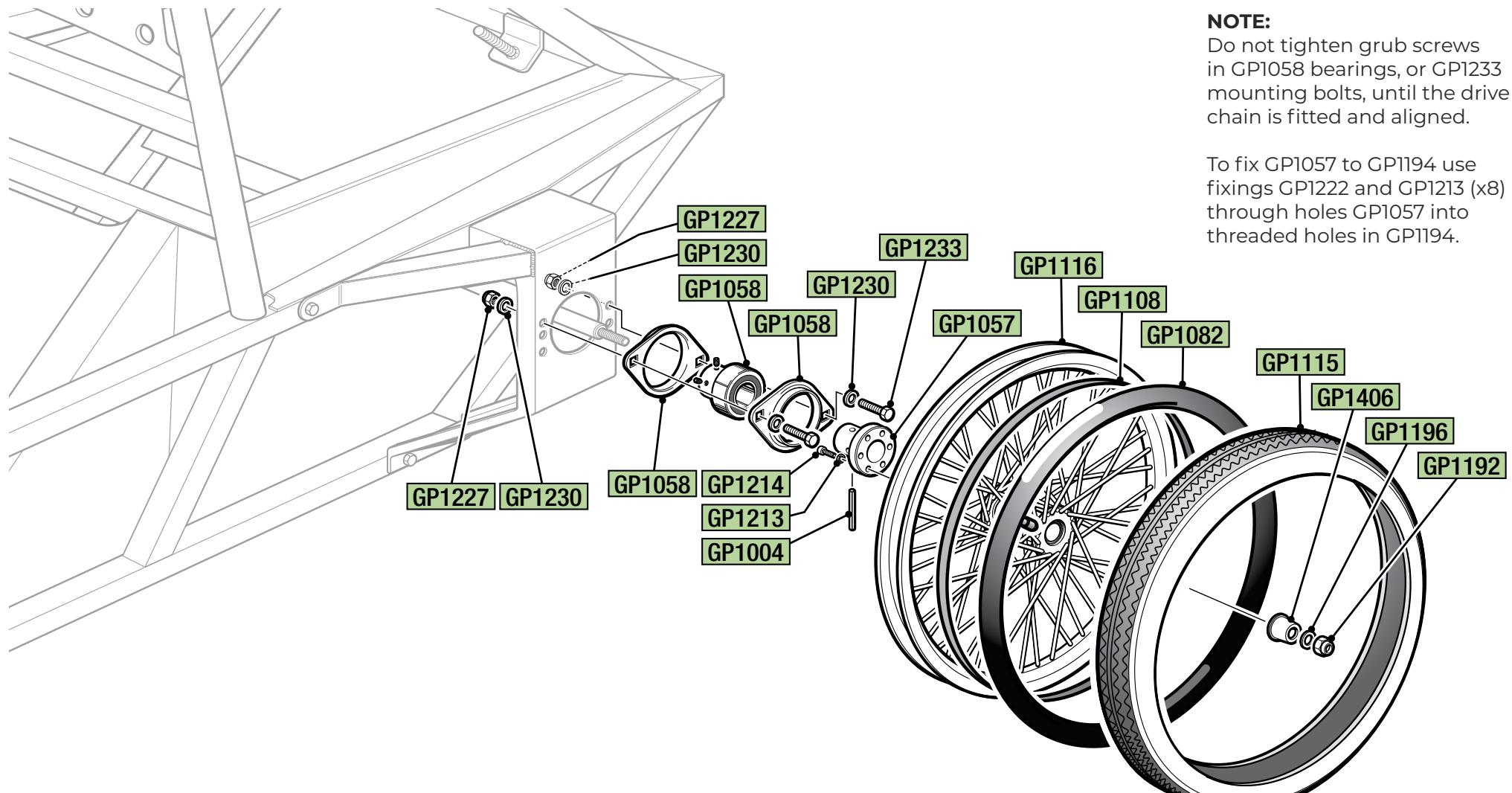
REAR AXLE ASSEMBLY

NOTE:

To fix GP1059 to GP1057 use fixings GP1222 and GP1213 (x6) through holes in GP1059 into threaded holes GP1057.



REAR DRIVE WHEEL ASSEMBLY



NOTE:

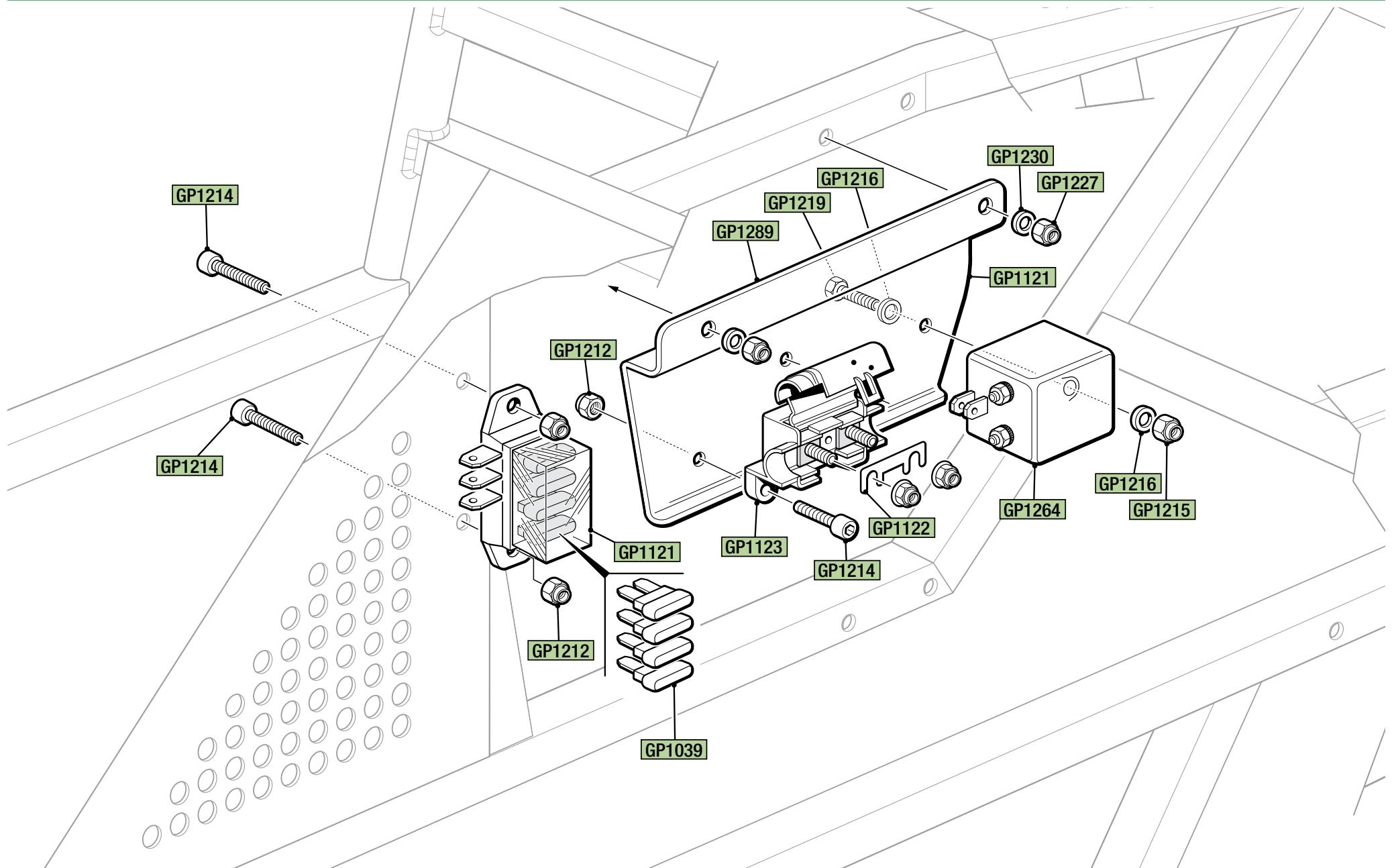
Do not tighten grub screws in GP1058 bearings, or GP1233 mounting bolts, until the drive chain is fitted and aligned.

To fix GP1057 to GP1194 use fixings GP1222 and GP1213 (x8) through holes GP1057 into threaded holes in GP1194.

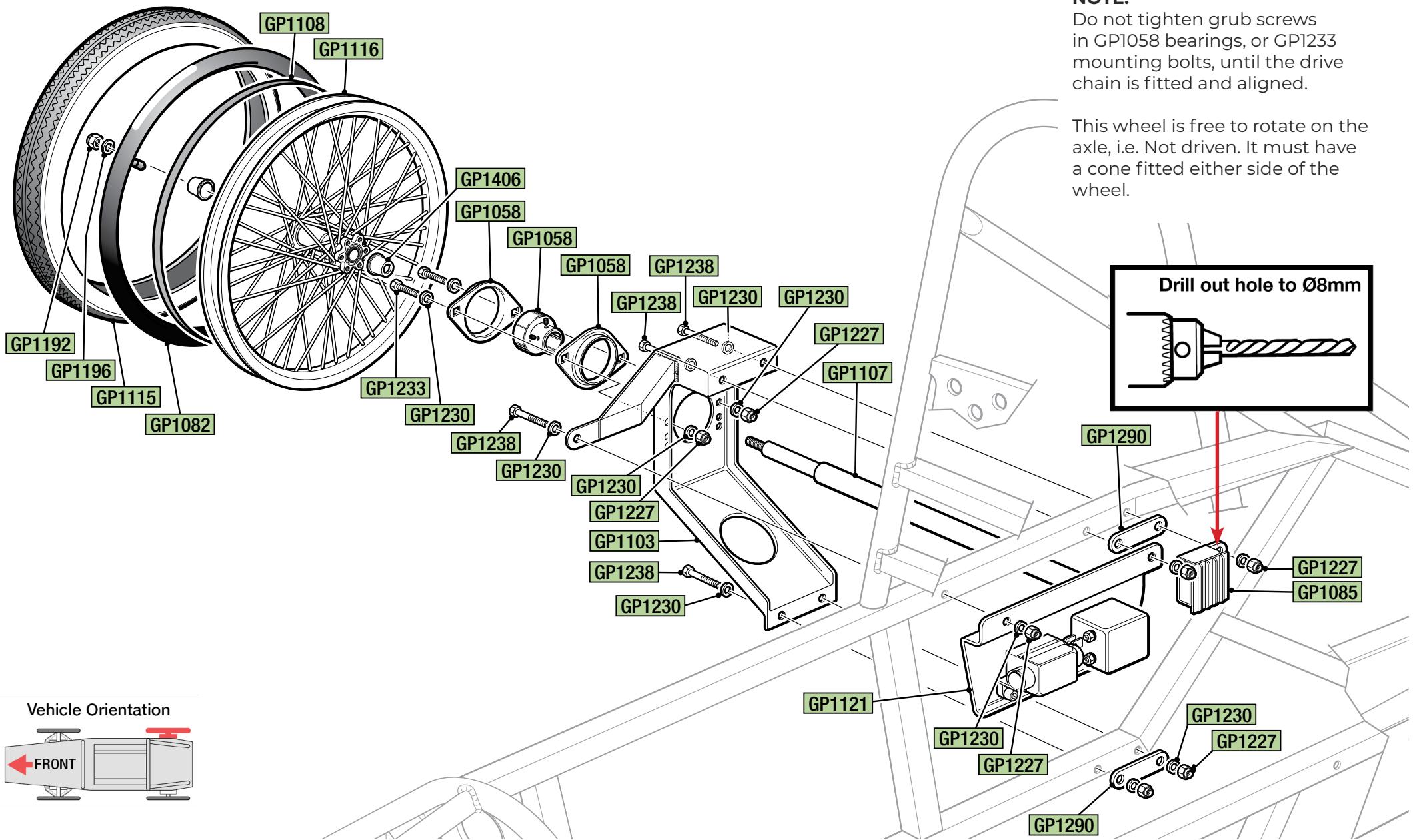
NOTE:

On left hand side of car (drive wheel), only one cone is needed, on outside wheel.

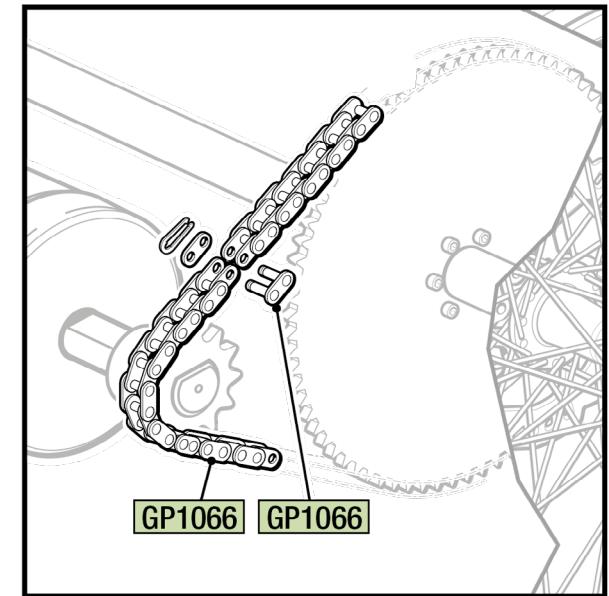
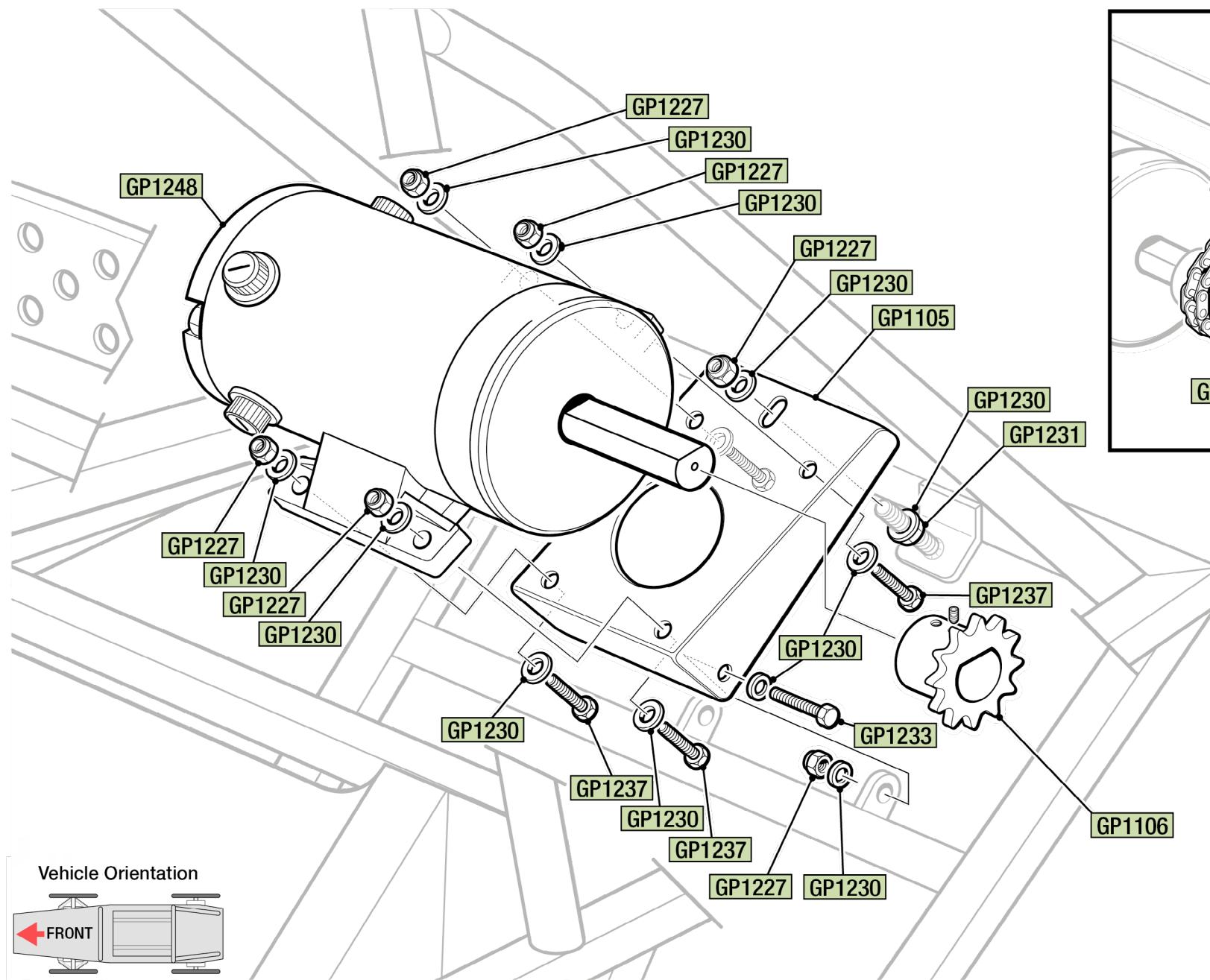
ELECTRICS



REAR FREE WHEEL ASSEMBLY

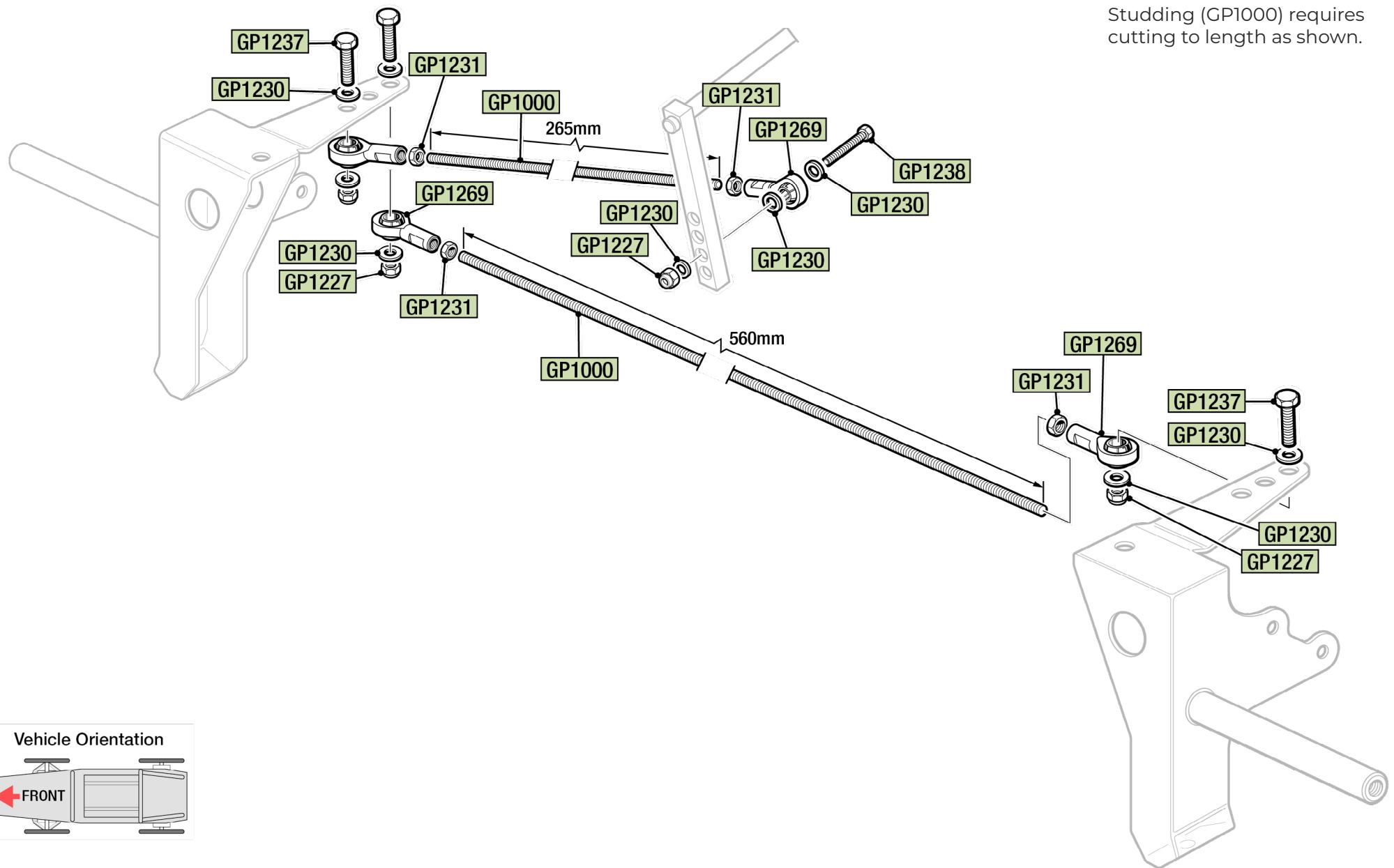


MOTOR & CHAIN ASSEMBLY

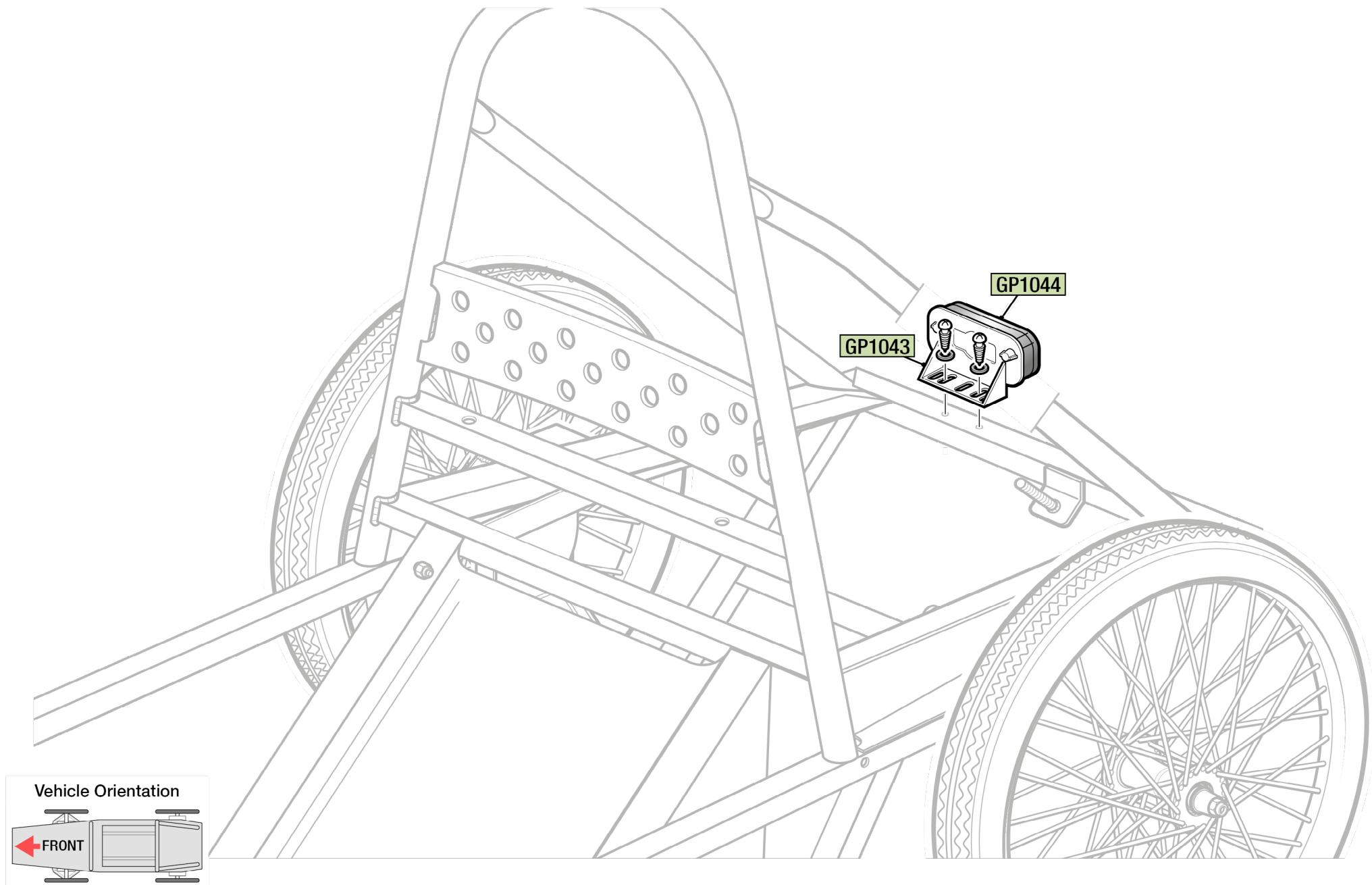


NOTE:
Now drive chain is aligned
don't forget to tighten grub
screws in GP1058 bearings
and GP1233 mounting bolts.

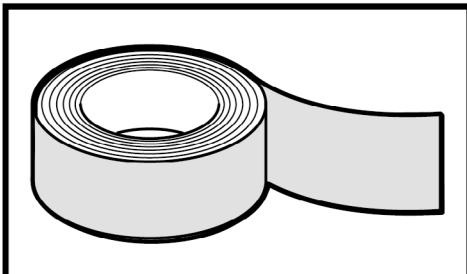
STEERING LINKAGE ASSEMBLY



HEADREST & REAR LIGHT

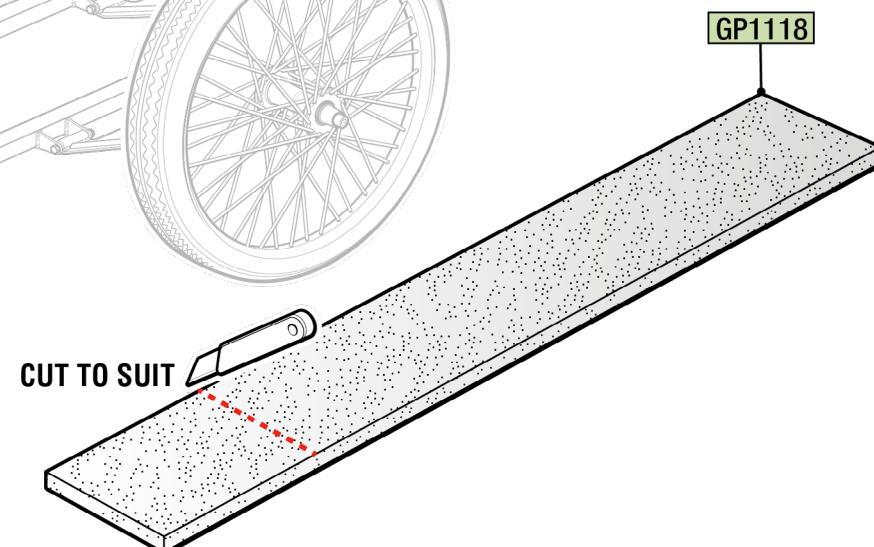
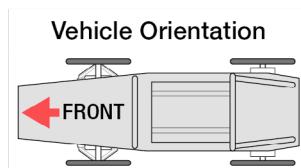
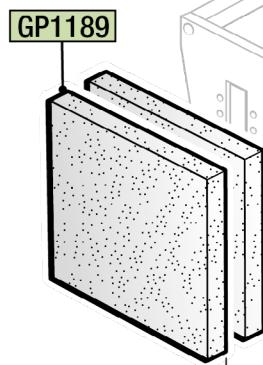
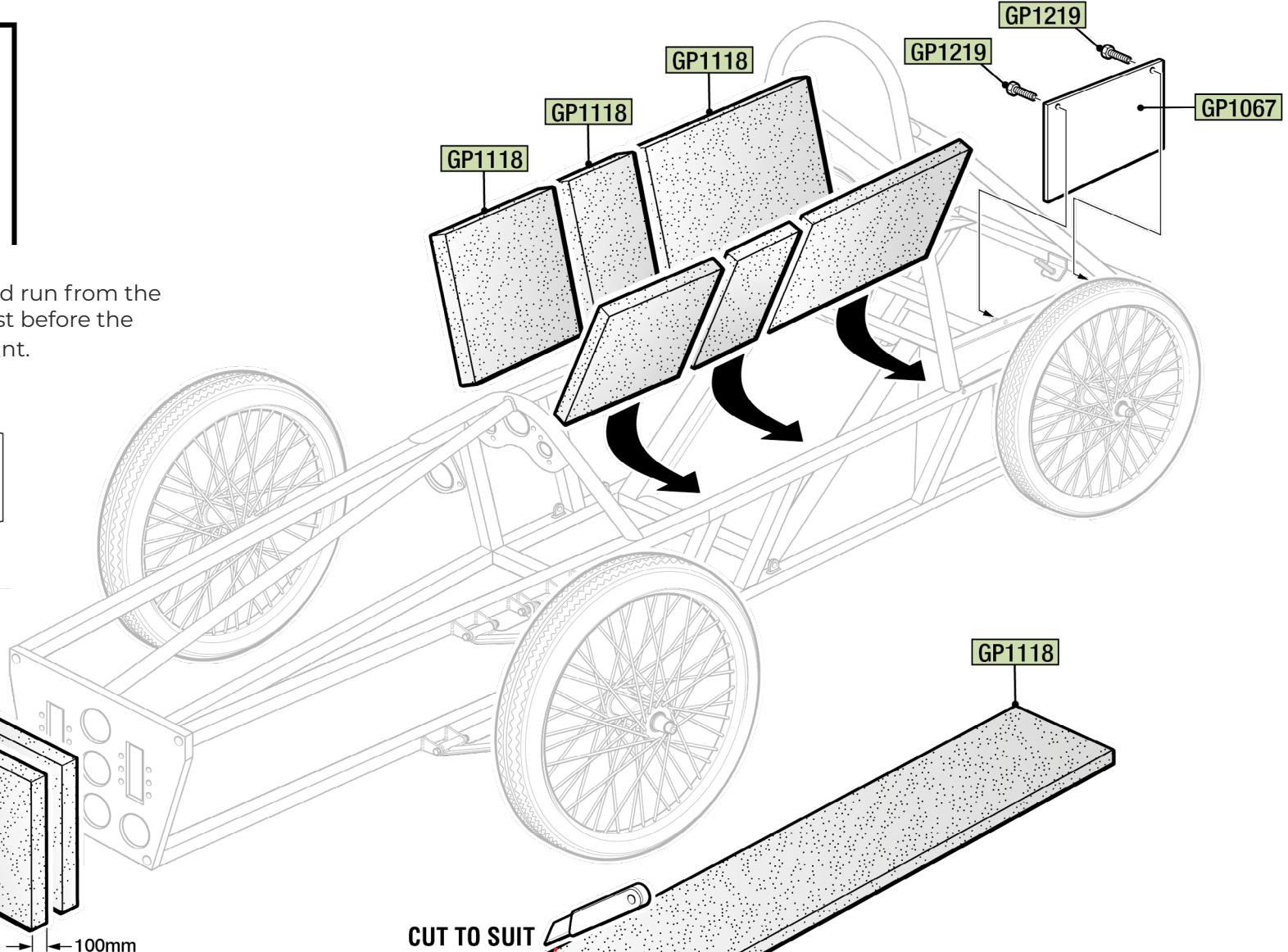
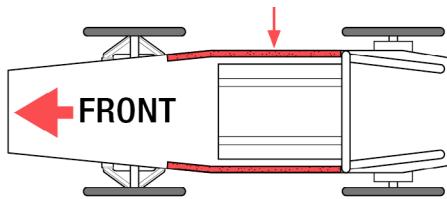


COCKPIT & NOSE CONE PADDING

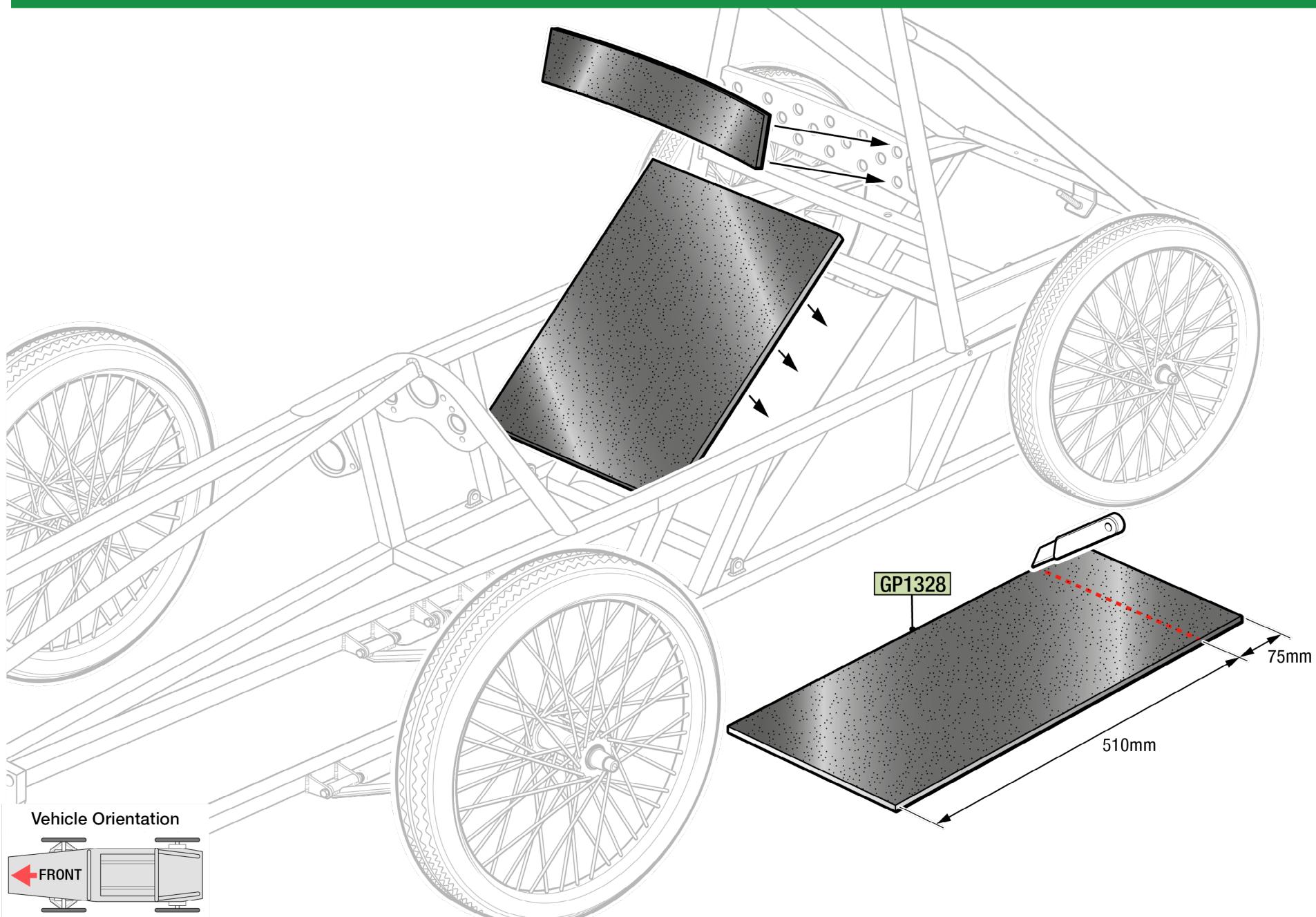


NOTE:

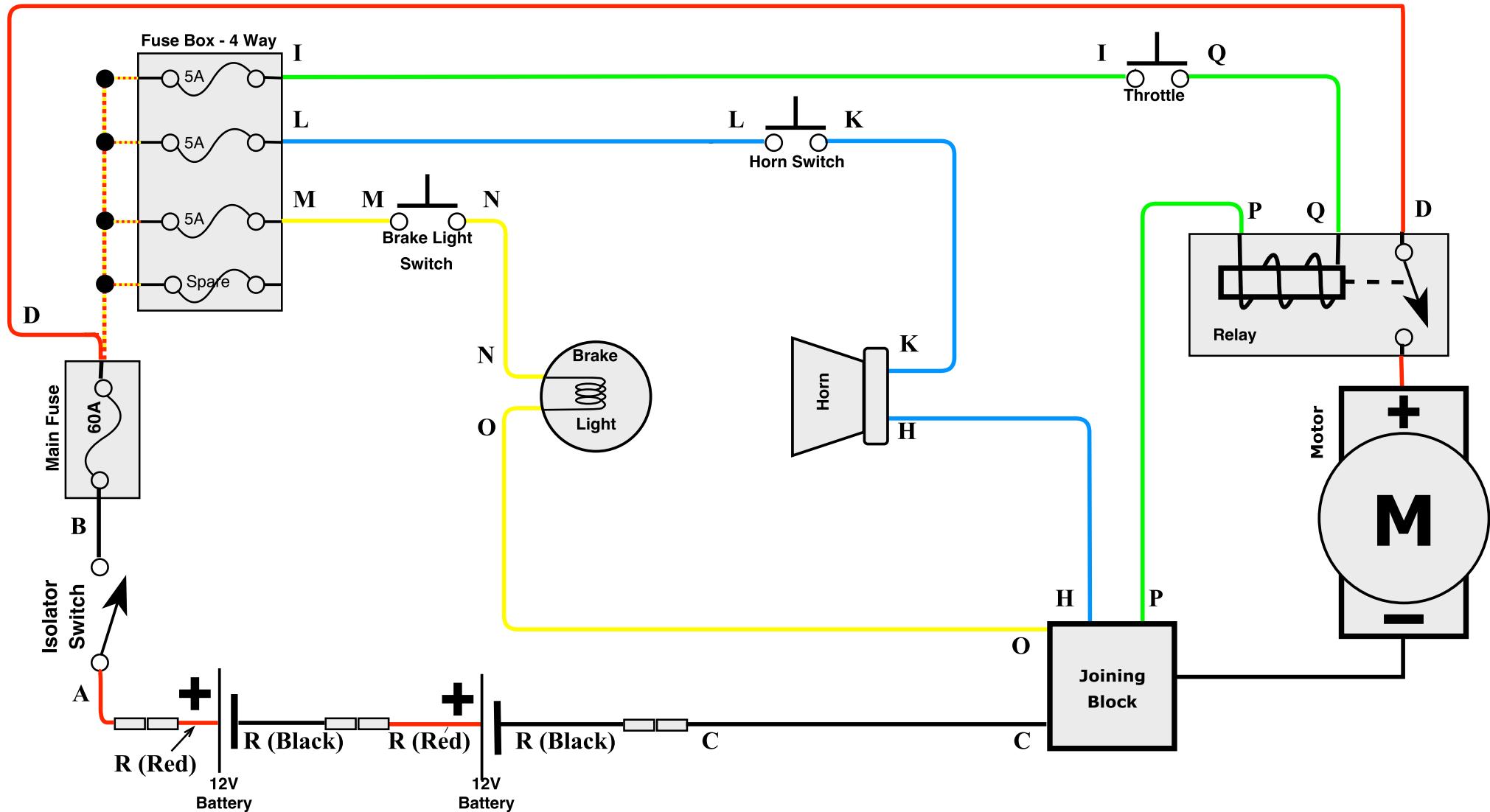
Side protection foam GP1118 should run from the roll over bar forwards to a point just before the rear front wishbone mounting point.



SEAT BACK & HEADREST PADDING

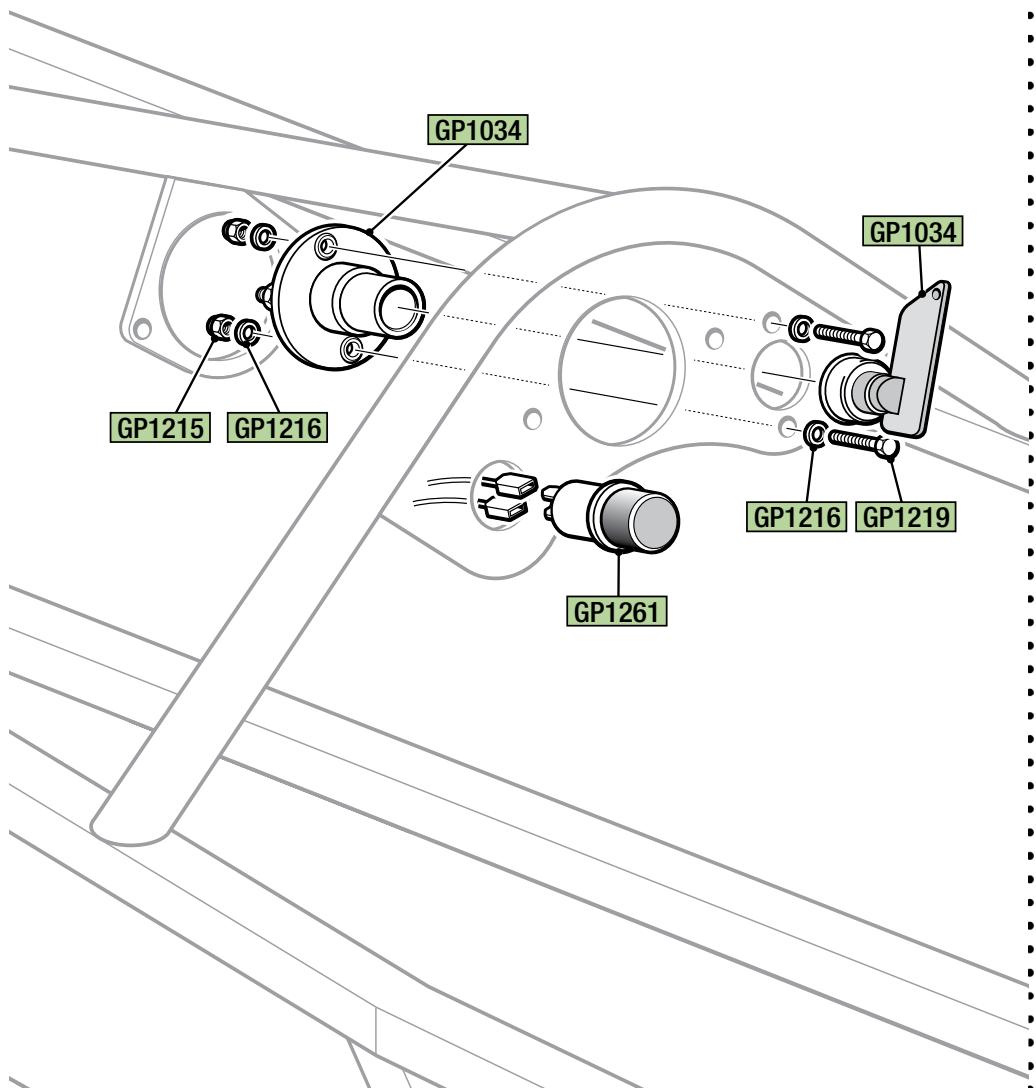


WIRING DIAGRAM



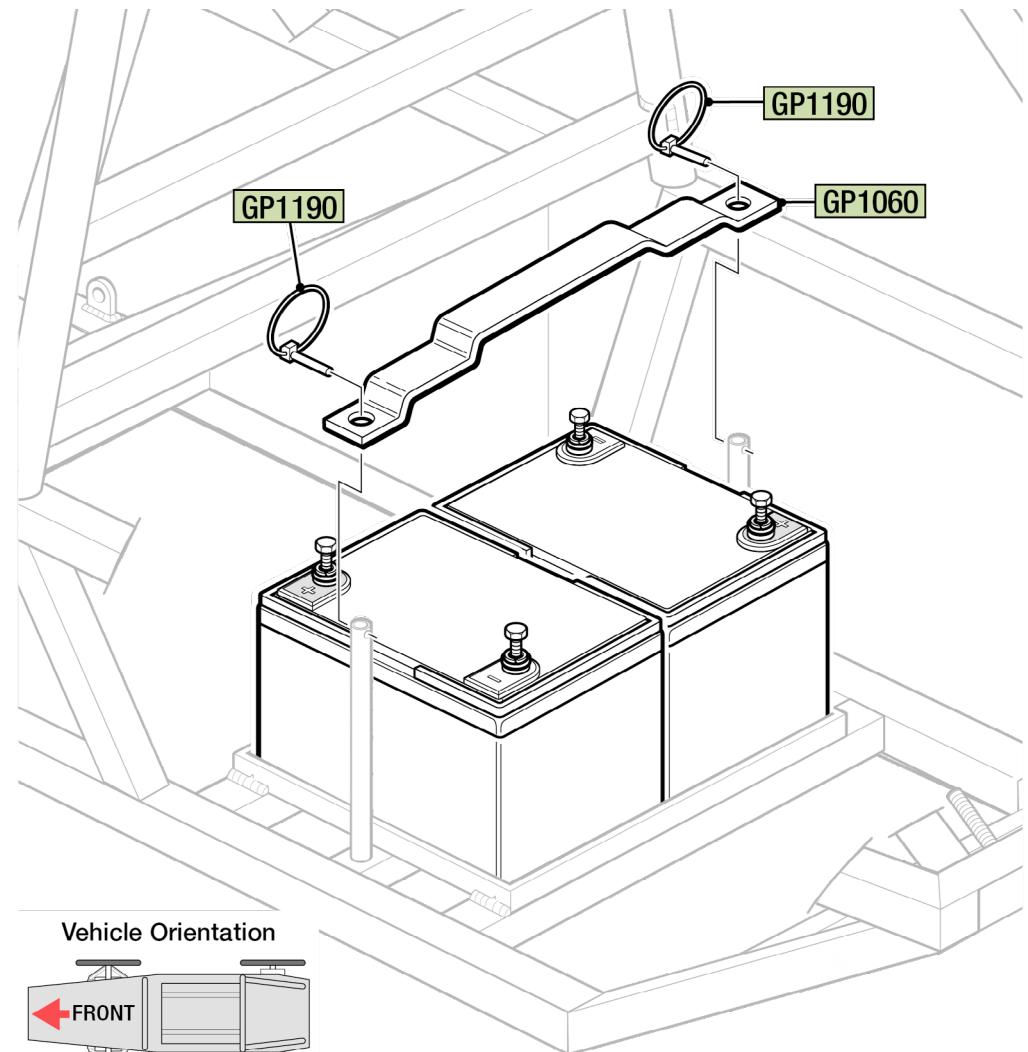
ISOLATOR SWITCH & HORN BUTTON

BATTERY



IMPORTANT NOTE:

Do NOT install / connect batteries until all wiring is complete and checked to be correct - failure to do so may result in damage which could ultimately result in a fire. Ensure Positive Lead fits to Positive (+) terminal and Negative Lead fits to Negative (-) terminal.



MORE INFORMATION



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