TC 6-KIT

Trai Charger with ABS lock-out protection (7-way aux. pin powered)
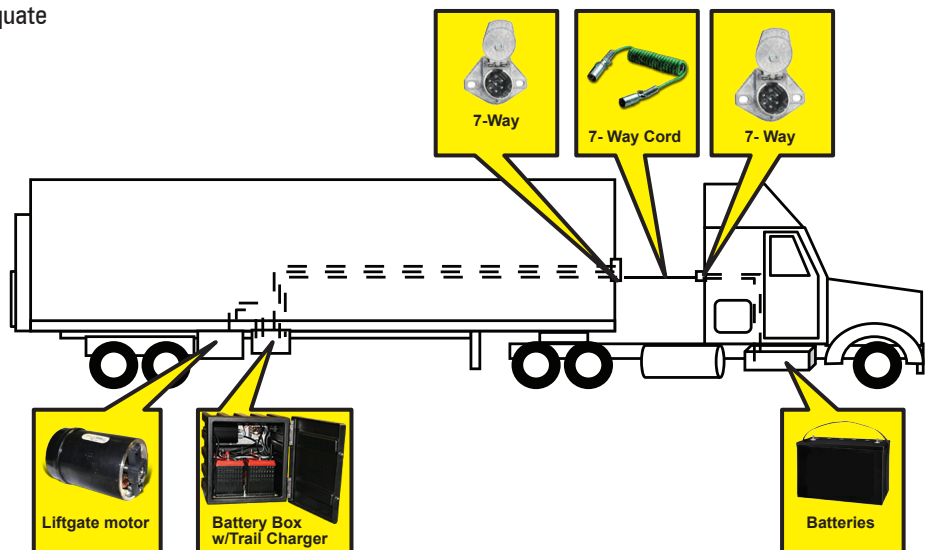

DESCRIPTION:

Trail Charger that is powered by the 7-way aux. pin circuit. Has additional wiring that is connected to the stop circuit. the trail charger is turned off whenever brakes are applied.

RECOMMENDED FOR:

This system is recommended for all normal-duty applications where auxiliary battery re-charging can be accomplished through the 7-way auxiliary pin circuit when connected to the tractor unit. There is no single or dual pole charge line requirement for this system.

RECOMMENDED FOR:

Trail Charger that is powered by the 7-way aux. pin. The Trail Charger eliminates voltage drop issues by stepping up the voltage to meet the battery charging requirements. Also equipped with temperature compensation, the Trail Charger will adjust the charge voltage depending on the ambient temperature. The "lock-out" feature connects to the stop light circuit of the 7-way which allows the Trail Charger to turn itself off whenever the brakes are applied, providing full power to the trailer's ABS.

Kit Content
This kit includes all harnesses and a 20 amp Trail Charger unit that is factory installed inside of Maxon's new plastic battery box offering.

Note
Batteries shown in images are for illustration purposes only.

The issue:
On applications where auxiliary liftgate batteries are mounted a long distance from the primary vehicle's electrical system, voltage drop will occur. In order to charge auxiliary liftgate batteries, the correct voltage must be applied to these batteries. Without the correct voltage (i.e. electrical ressure) to push the available current through the liftgate batteries, inadequate recharging will occur and the batteries will run down.

The Solution:

Trail Charger Based Charging Solutions
A DC/DC converter (TRAIL CHARGER) eliminates the above problem by amplifying (boosting) any input voltage (9 to 14) to the correct voltage necessary to charge and maintain the liftgate batteries.

7-Way

7- Way Cord

7- Way

Liftgate motor

Battery Box w/Trail Charger

Batteries

Trailer – Dry Freight