

TIGER REPOWER

Achieve zero emissions in a day.

The Tiger Repower conversion kit gives legacy gas tow tractors a new, sustainable life with lithium-ion power. Upcycle your current tractors with the latest GSE technology—extending the life of your fleet, saving thousands, cutting emissions and improving safety.

ZERO CO₂

100% electric, no carbon tailpipe emissions—one step closer to achieving net zero

ONE-DAY INSTALL

Easy, one-day install in 8-12 hours—on the tarmac or in the shop

SAVE THOUSANDS

Up to 50% less than a new tractor and zero ongoing battery and powertrain maintenance costs

IMPROVE SAFETY

Smart vehicle technology like anti-rollover and programmable speed controls

INCLUDED ALL-NEW IN EVERY KIT

PARKING BRAKE SYSTEM

BRAKE SWITCH

ACCELERATOR PEDAL

SEATBELTS

LED TAIL LIGHTS

MASTER CYLINDER

FULL TRACTOR
WIRING HARNESS

REAR AXLE
& DRIVE SHAFT

MOTOR

DASHBOARD

KEYLESS POWER SWITCH

LED HEADLIGHTS

LI-ION POWER MODULE WITH
OPTIONAL ONBOARD CHARGER



REPOWER IN A DAY

After ICE powertrain disassembly, install Tiger Repower to your legacy chassis on the tarmac or at the shop in 8-12 hours.

- STEP 1** **INSTALL REPOWER DRIVETRAIN**
Rear axle, drive shaft and motor
- STEP 2** **INSTALL REPOWER MODULE**
Li-ion battery module, controller and charging system
- STEP 3** **CONNECT ELECTRICAL AND RE-ASSEMBLE ORIGINAL PARTS**
Firewall modification, operator compartment upgrades, braking system, LED lights, wiring harness, electrical connections and original equipment

SPECS

Battery Power
36kW, 48kW

Drive System Type
Lithium-ion electric (LiFePO4)

Motor
96V brushless AC induction

Final Drive
Planetary triple reduction axle

Hitch Towing Rating
Up to 55,000 lbs (24,947 kg)

Top Speed
15 mph

Brakes
Rear disc (quad caliper)

Parking Brake
Hand-operated parking brake (optional electric actuated parking brake)

Instrumentation
BDI with hour meter, park brake indicator, system readiness indicator, telematics ready

Lighting
Dual LED headlights, LED brake/tail lights

Rear Suspension
Solid with rubber cushion isolators

Charging Options
Onboard and DC fast chargers

Safety Features

- Anti-rollover (patent pending - limits speeds while turning)
- Operator presence sensing
- Low current warning
- Fully integrated BMS
- Programmable speed limiting and acceleration
- High visibility LED lights
- Safety seatbelts
- Brake interlock
- Onboard diagnostics
- Electronic shift inhibiting

**ONE STEP
CLOSER TO
NET ZERO**

ANNUAL CO2 TAILPIPE
EMISSIONS FOR ONE TRACTOR
REPOWERED BY TIGER

00 KG CO₂

ANNUAL CO2 TAILPIPE
EMISSIONS FOR ONE INTERNAL
COMBUSTION TRACTOR

3,250 KG CO₂