



Fleet-ReadyTM Electrification Solutions

Electricify Your Fleet.

Go Green.

Reduce Emissions.
Meet Sustainability Goals.



XLhybrid[®]

XLplug-in[™]

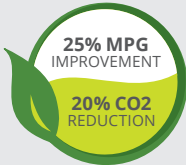
XLink[™]

Green your fleet without impacting performance

Today's commercial and municipal fleets need their work trucks operating at peak performance to help them do their jobs. They're also under a growing demand to reduce their carbon footprint and lower fuel costs. With a Fleet-Ready™ hybrid or plug-in hybrid electric drive upfit from XL, you no longer need to choose between performance and sustainability – you'll get both.

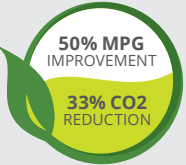
XLH[®] Hybrid Electric System

The XLH system saves fuel and reduces emissions through regenerative braking, helping to slow down and propel the vehicle during normal drive cycles. The electric motor assist is smooth and seamless to the driver, and no additional work is required on their part to operate the vehicle as a hybrid.



XLP[™] Plug-in Hybrid Electric System

The XLP system features regenerative braking, while also adding a 15 kWh lithium ion battery pack that is compatible with Level 1 and Level 2 charging stations, adding even more energy capacity to help propel the vehicle forward during acceleration.



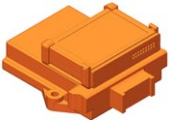
The simple path to sustainability

Both our hybrid and plug-in hybrid technologies transform a factory OEM vehicle into a more fuel-efficient hybrid, by adding an electric motor, an advanced lithium-ion battery pack, and control software. No other significant modifications to the vehicle are required, and no changes are made to the internal combustion engine or transmission.

As a result, your vehicles perform just like you need them to – while reducing emissions by 20-33% and adding 25-50% MPG to your normal driving shifts. With our easily installed system, you'll immediately be driving greener trucks, saving money on gas and letting your customers and constituents know you're committed to sustainability.

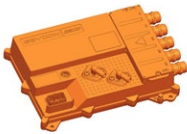
1 OEM Vehicles

Our systems work in parallel with the factory vehicle powertrain, so the original manufacturer warranties and service schedules remain intact.



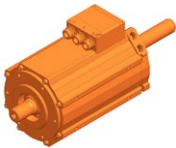
2 XL Link XLH XLP[™]

Our proprietary XL Link™ technology provides a continuous data link from each hybrid vehicle to measure system performance.



3 Motor Drive XLH XLP[™]

Controls the current flow between the battery and the electric traction motor.



4 Traction Motor XLH XLP[™]

Provides regenerative braking on vehicle deceleration, and electric assist on acceleration to help propel the vehicle, and save fuel.



5 Battery Pack XLH

In the XLH™ hybrid system, a 1.8 kWh lithium battery stores regenerative braking energy. In the XLP™ plug-in system, an over 15 kWh battery offers both regenerative braking and plug-in charging capacity.

Plug-in XLP[™]

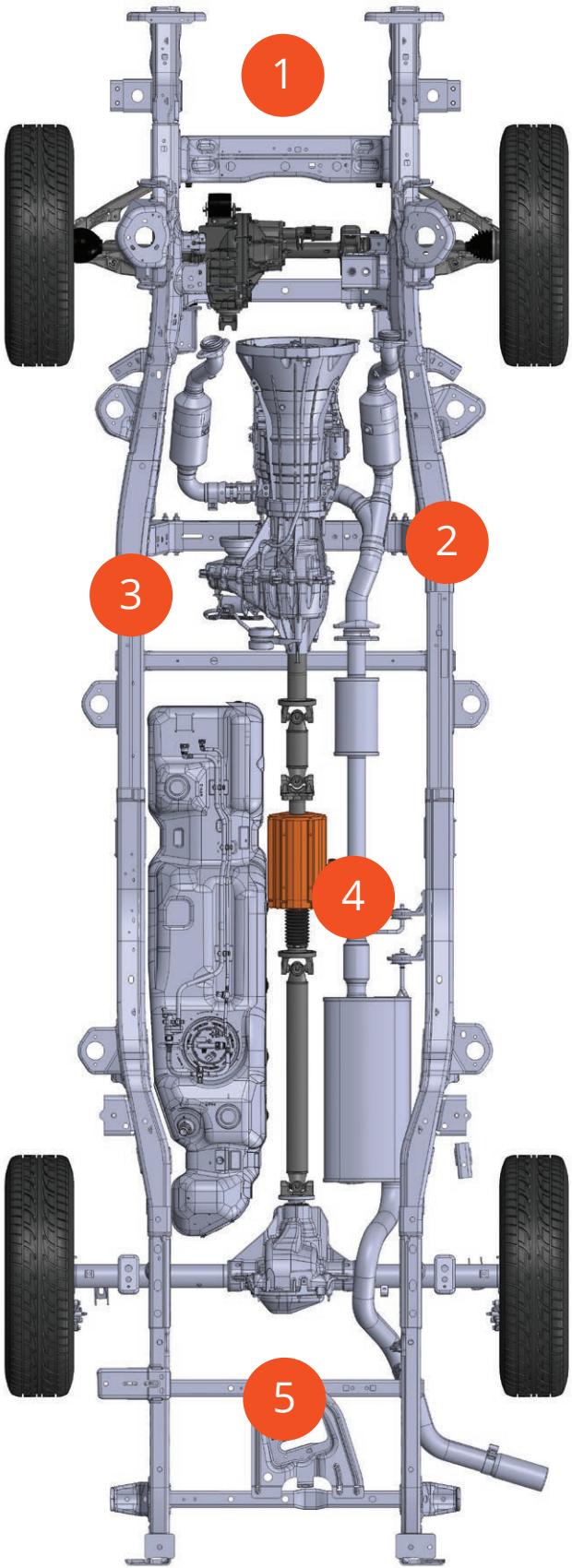


Rear Bumper Plug Port



XLP ebox includes:

- Motor Drive
- XL Link Telemetry System
- PHEV Controller
- 15 kWh Battery



XL was the first electrification provider in Ford's eQVM program.



Electrified Fleet Intelligence

Our cloud-based vehicle connectivity platform provides a continuous data link with your XL fleet vehicles. Collecting millions of operational data points, XL Link provides actionable intelligence on fleet electrification, including speed, idling, vehicle drive cycle, and CO2 emissions reduction – so you can monitor the performance of a single vehicle or your entire electrified fleet.

> Proven Vehicles

XL systems are available on a wide variety of Class 2-6 vehicles from Ford, Chevrolet, GMC and Isuzu. Instead of asking your drivers and service teams to deal with unproven or unfamiliar vehicles, hand them the keys to a time-tested favorite from a trusted manufacturer.

> Unchanged Factory Warranties

In addition to our close partnerships with the major fleet vehicle OEMs who certify our work, XL systems are minimally disruptive to the original design of the vehicle. As a result, all factory OEM warranties remain intact.

> Driver-friendly Performance

Let's face it. Many all-electric and alternative fuel vehicles don't get driven, because the trucks don't perform the way drivers need them to. XL-upfitted vehicles offer the same great performance as the vehicles they've always relied on, but with lower fuel costs and fewer emissions.

> Operational Consistency









Drivers and service teams love the fact that XL-equipped vehicles require no driver training and little to no operational changes from what they're used to. There are no range concerns, drivability challenges or unusual service requirements.

Electricify Your Fleet.

Follow the Leader.

More Customers. More Miles. More Savings.



System Specifications		XLhybrid®	XLplug-in™
MPG Improvement*		25%	50%
Lithium Ion Battery		1.8 kWh	15 kWh
Charging		Regenerative Braking	Level 1 (<12 hrs.) or Level 2 (<5 hrs.) Plus Regenerative Braking
System Weight		350-385 lbs Based on Product	745 lbs
Electronic Speed Governor		Up to 75 MPH	Up to 80 MPH
Product Platforms		XLH	XLP
	Ford F-150 Pickup (4x2 & 4x4 drivelines)		✓
	Ford F-250 Pickup (4x2 & 4x4 drivelines)	✓	✓
	Ford Transit Cargo and Passenger Vans	✓	
	Chevy Express and GMC Savana Cargo and Passenger Vans	✓	
	Ford E-350/450 Cutaways and Stripped Chassis	✓	
	Chevy and GMC 3500/4500 Cutaways	✓	
	Ford F-59 Super Duty Stripped Chassis	✓	
	Reach™ Van from Isuzu and Utilimaster	✓	

*Actual MPG may vary.



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