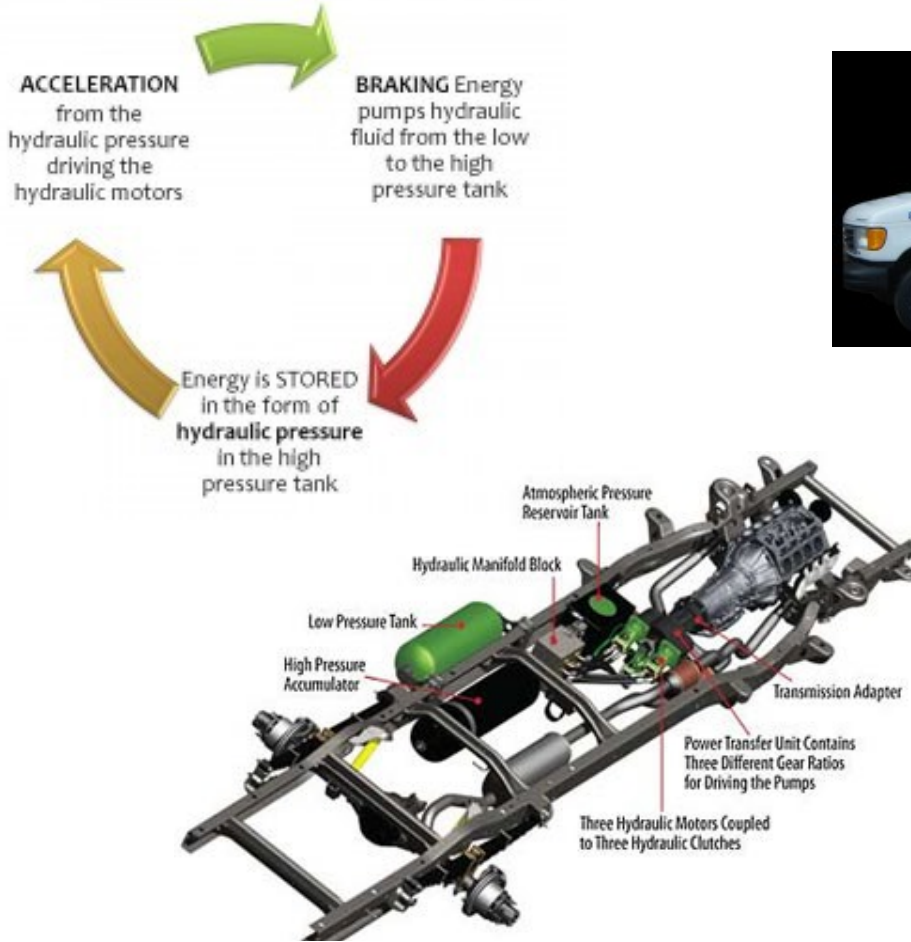




Hybrid Truck Uses Logan Clutch Technology



Logan was the partner with LightningHybrids of Loveland CO on a recently brought to market round-town delivery truck. The system is particularly well suited to heavy stop start duty trucks saving up to 40% of the fuel.

LightningHybrids had the unique idea of a hydraulic hybrid. Energy is stored in a hydraulic accumulator and used during acceleration. LightningHybrids demanded a long and reliable duty cycle with performance that didn't change over time. Additionally they need a part that would offer all the value at a price that could be sold to a price sensitive fleet owner for retrofit into existing equipment.

In the prototype stage LightningHybrids found that the Logan Units could work as required. Ever demanding

they, investigated competitors but in the end returned to the Logan product because of Engineering support, manufacturing capacity and proven performance at a value price point.

The Logan S35 was heavily modified to fit into the existing envelope. Logan Engineers worked closely with the LightningHybrid engineers to find the right solution. The Logan Manufacturing Team produced several versions of prototypes in a short time to see what best suited the LightningHybrids production application. In the end one solution was selected and Logan Production delivered production quantities on time to meet the growing demand received multiple unit orders for the clutches and was able to meet the delivery requirements.



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