

**HYSTER®**

TAKE IT TO EXTREMES

P.I.B.**Product
Information
Bulletin**

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Series Impact: A219, D174, G118

Subject: CanBus Communication

Description:

Requests from various sales associates searching for a way to easily explain CanBus technology to customers has prompted this bulletin. The intent is to provide a simplified explanation of the benefits of using CanBus to all Hyster dealer sales professionals. These benefits allow us to show the customer exactly how Hyster products stand out from other manufacturers who are not utilizing the same technology.

Explanation:

CanBus - A system of communication that limits the amount of wires required to pass information from one controller to another. Unlike the systems used on traditional forklifts, the communication or input from the operator is more reliable. With a CanBus system, the communication between any type of controller, whether it's traction or hydraulic, is achieved through the use of only two wires instead of multiple wire arrangements.

Reliability

By using only two wires for communication between controllers, truck downtime is reduced by minimizing time needed for troubleshooting. Unlike other manufacturer existing designs, the communication used on Hyster Orderpickers can continue to operate even when one of the two wires in the BUS are broken, shorted to battery positive or shorted to battery negative. It is designed to operate in harsh environments by ensuring that errors in the communication between controllers are detected immediately. The result is increased efficiency and decreased cost to maintain and repair.

Serviceability

Less componentry equals less troubleshooting. The Curtis 1310 master controller used with CanBus alerts and provides error messaging to the operator. When a fault condition occurs, this device makes diagnosing problems easier by allowing a technician to pinpoint the area of trouble and correct it more efficiently. The result is reduced truck down time, increased productivity.

Current Hyster Models using CanBus

E30-40HSD - Three wheel stand-up, Counterbalanced electric rider

R30XMS2, R30XM2, R30XMA2, R30XMF2 – Counterbalanced, Straddle and Furniture - Order Picker

As always, we appreciate the support of our distribution network and the sales organization.

Sincere Regards,



Peter M. Siessel
Vice President of Marketing – Hyster Company