



TECHNICAL SERVICE BULLETIN 22-001

V-MUX Hercules Hi Content Node HC1.5

May 6, 2022

IMPORTANT SAFETY RECALL INFORMATION NHTSA RECALL 22 E 037



This notice is sent to you in accordance with the National Traffic and Motor Vehicle Safety Act. Weldon, a division of Akron Brass Company, has decided a safety related defect may exist with some Hercules HC 1.5 I/O Nodes, Weldon Part Number 6060-1000-00 produced between January 21, 2022 and April 29, 2022. In the affected products, a termination resistor was installed on the CAN ports. In this configuration and when combined with external resistors located in a harness or with multiple nodes that do not have external resistors, CAN communication may become compromised which can impact any of the electrical loads that are connected to the CAN, including vehicle lighting, potentially increasing the risk of a crash.

Since V-MUX systems are configured to match user needs, some installations may not present an issue at initial acceptance test, but nevertheless should be remedied. You are receiving this notice because Weldon records indicate you have received shipments of affected units. Please see attached list.

Weldon will remedy the units on the attached list free of charge by replacing them with Hercules HC 1.6 that has the same functionality as the Hercules 1.5, but does not include the internal terminator resistor. The affected units must be returned to Weldon under RMA to be converted to the HC 1.6. Once converted, they will go thru production test before being returned. Nodes will require OEM programming which can be done by USB thumb drive. Warranty labor of 0.5 hour per node at standard rates will be reimbursed to remove and replace a Hercules HC Node installed in a customer's vehicle.

Affected Part	Hercules HC 1.5	Part Number 6060-1000-00
Replacement Part	Hercules HC 1.6	Part Number 6060-1010-00

Please contact Barbara Gallick bgallick@idexcorp.com or your local Weldon representative to obtain an RMA. An RMA is required for tracking purposes. Do not send units back to Weldon without an RMA number.

Please note that it is a violation of Federal Law to deliver a new motor vehicle or any item of motor vehicle equipment which is subject to a recall until the remedy has been performed.

If you believe there is a failure to remedy this defect without charge to the end user/owner of the vehicle and within a reasonable period of time, you may submit a written complaint to the Administrator, NHTSA, 1200 New Jersey Ave, SE, Washington, DC 20590, or call the Vehicle Safety Hotline 1-888-327-4336 (TTY: 1-800-424-9153) or go to <http://www.safercar.gov>.

Thanks for your prompt attention to this matter and continued support of Weldon.