



U.S. Department
of Transportation
**National Highway
Traffic Safety
Administration**

1200 New Jersey Avenue SE
Washington, DC 20590

November 4, 2011

MR. DAVID ARCHER
DIRECTOR OF ENGINEERING
PIERCE MANUFACTURING, INC.
P.O. BOX 2017
APPLETON, WI 54912-2017

NVS-215dgl
11V-527

SUBJECT: ELECTRONIC STABILITY CONTROL SYSTEM MODULE

DEAR MR. ARCHER:

This letter serves to acknowledge Pierce Manufacturing, Inc.'s (Pierce) notification to the National Highway Traffic Safety Administration (NHTSA) of a safety recall campaign which will be conducted pursuant to Federal law for the vehicles listed below.

Please review the following information to ensure that it conforms to your records as this information is being made available to the public. If the information does not agree with your records, please contact us immediately to discuss your concerns.

Makes/Models/Model Years:

PIERCE/ARROW XT/2007-2011
PIERCE/CUSTOM CONTENDER/2008-2011
PIERCE/IMPEL/2008-2011
PIERCE/QUANTUM/2008-2011
PIERCE/SABER/2009-2011
PIERCE/VELOCITY/2007-2011

NHTSA Campaign Number: 11V-527

Mfg's Report Date: October 27, 2011

Components: ELECTRONIC STABILITY CONTROL

Potential Number of Units Affected: 724

Summary:

PIERCE MANUFACTURING (PIERCE) IS RECALLING CERTAIN MODEL YEAR 2007-2011 ARROW XTAND VELOCITY, MODEL YEAR 2008-2011 CUSTOM CONTENDER, IMPEL, QUANTUM AND MODEL YEAR 2009-2011 SABER EMERGENCY TRUCKS, EQUIPPED WITH MERITOR WABCO ELECTRONIC STABILITY CONTROL (ESC) MODULES, MANUFACTURED FROM DECEMBER 19, 2007, THROUGH OCTOBER 7, 2011. UNDER CERTAIN ROAD AND DRIVING CONDITIONS, VEHICLE BODY ROLL AND ROAD INCLINATION CHARACTERISTICS MAY ADVERSELY AFFECT THE SLIP ANGLE CALCULATION OF THE ELECTRONIC STABILITY CONTROL (ESC) SYSTEM. THIS MIGHT CAUSE THE ESC TO PERCEIVE AN OVER STEERING SITUATION AND THEREFORE APPLY THE OUTER WHEEL BRAKE ON THE FRONT AXLE UNTIL THE VEHICLE IS PERCEIVED TO BE STABLE.

Consequence:

IF THE DRIVER IS SLOW TO REACT DURING THIS ESC INTERVENTION, THE VEHICLE MAY DEVIATE FROM THE INTENDED LINE OF TRAVEL, INCREASING THE RISK OF A CRASH.

Remedy:

PIERCE IS WORKING WITH MERITOR WABCO AND WILL REPLACE THE CONTROL MODULE FREE OF CHARGE. THE SAFETY RECALL IS EXPECTED TO BEGIN ON OR BEFORE DECEMBER 16, 2011. OWNERS MAY CONTACT MERITOR WABCO AT 1-248-435-8001 OR PIERCE AT 1-920-832-3000.

Notes:

THE NHTSA NUMBER ASSIGNED TO THE MERITOR WABCO'S RECALL IS 11E-039. PIERCE'S SAFETY RECALL NUMBER IS 74B226. OWNERS MAY ALSO CONTACT THE NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION'S VEHICLE SAFETY HOTLINE AT 1-888-327-4236 (TTY 1-800-424-9153), OR GO TO [HTTP://WWW.SAFERCAR.GOV](http://www.safercar.gov).

You are required to submit a draft owner notification letter to this office no less than five days prior to mailing it to the customers. Also, copies of all notices, bulletins, dealer notifications, and other communications that relate to this recall, including a copy of the final owner notification letter and any subsequent owner follow-up notification letter(s), are required to be submitted to this office no later than 5 days after they are originally sent (if they are sent to more than one manufacturer, distributor, dealer, or purchaser/owner).

As stated in your report, Meritor WABCO will be handling the owner notification, remedy, and quarterly reporting for this campaign. However, please be advised that 49 CFR 573.6 provides that the vehicle manufacturer is responsible for any safety related defect or any noncompliance in the vehicle or any item of original equipment. If Meritor WABCO's campaign is not satisfactory, you may be required to conduct a follow-up notification.

Your contact for this recall will be Delia Lopez who may be reached by phone at 1-202-366-9525, or by email at Delia.lopez@dot.gov, or through the office email at RMD.ODI@dot.gov. We look forward to working with you toward a successful completion of this recall campaign.

Sincerely,

A handwritten signature in black ink, appearing to read "R. Willard". The signature is fluid and cursive, with a large loop at the end of the last name.

Ric Willard
Acting Chief, Recall Management Division
Office of Defects Investigation
Enforcement