



Spartan Motors Chassis, Inc.

SERVICE BULLETIN

RSB14-250-001

NHTSA Id: 13V-628

Transport Canada Id: TC13-443

1/16/2014

SUBJECT: Ridewell Independent Front Suspension.

CONDITION: Critical welds on the IFS cradles may crack.

APPLIES TO: This bulletin applies to Emergency Response Chassis Cabs manufactured between December, 22, 2005 and October 13, 2010 equipped with Independent Front Suspension supplied by Ridewell Corporation.

CORRECTION: Vehicles will be inspected and cracked welds will be repaired and reinforcement brackets will be applied to the affected IFS cradles by Ridewell.

LABOR ALLOCATION: Inspection - 1.5 hrs.

GENERAL INSTRUCTIONS:

Please thoroughly review entire work procedure before starting work. If there are questions and/or concerns with steps defined in this procedure, contact Spartan Motors Chassis, Inc. Customer & Product Support Group.

All applicable industry safety standards must be followed when performing work identified in this procedure.

General Inspection:

Visual check for loose or bent components, interferences and overall cradle structure. Inspect visible welds and parent material for any signs of crack development in the IFS structure.

Detailed Inspection of Cradles in the Area of Concern:

The suggested method is to first inspect welds in the area of concern with the wheels pointed straight ahead. If no cracks are identified in this "relaxed position" the wheels should be steered to the left and right while dry parked and the welds inspected in both the left and right turned positions. This action produces high steering loads into the cradle and produces forces which have a tendency to open a crack and make it more visible. If a crack is present it will be visible to the naked eye with sufficient light on the area.



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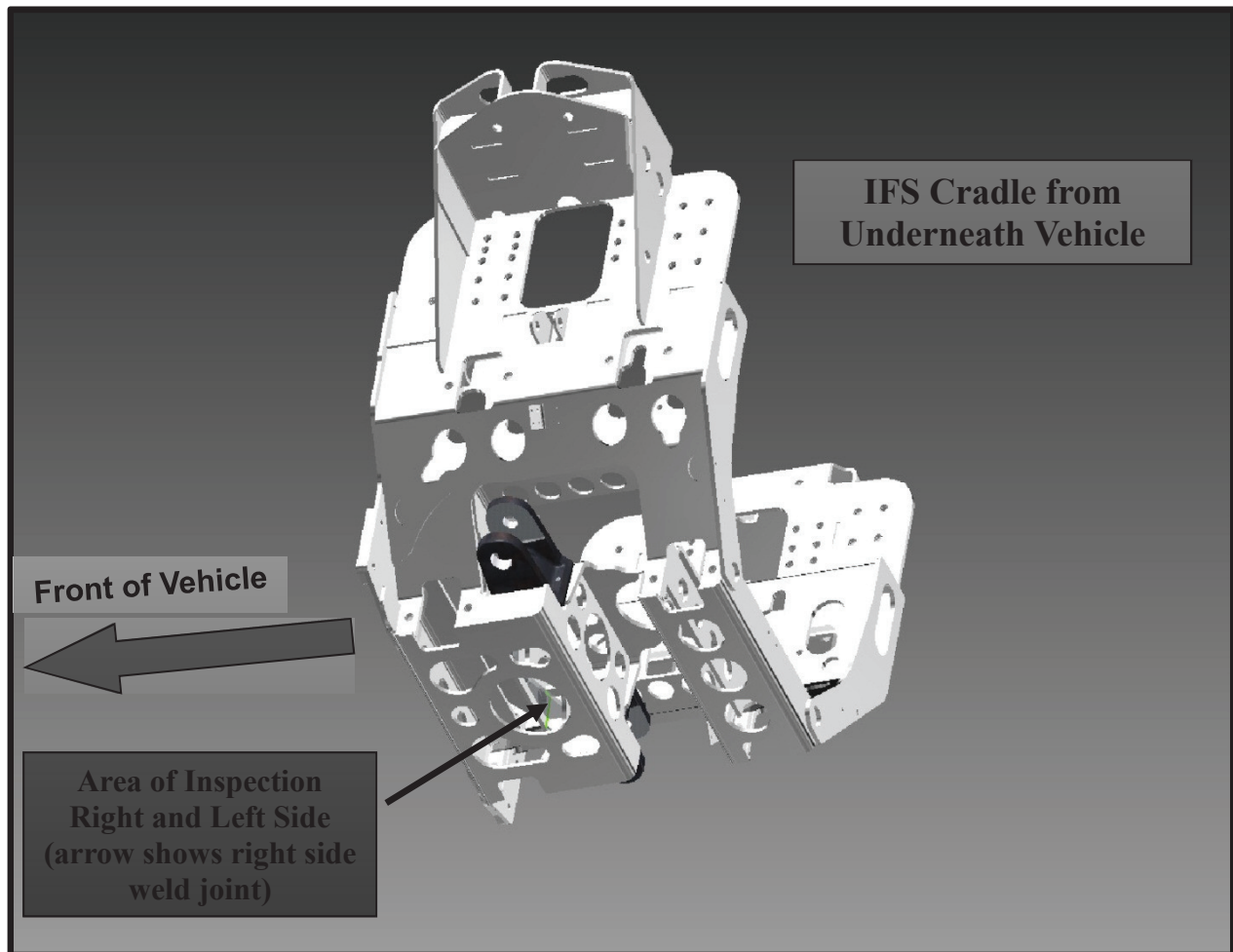
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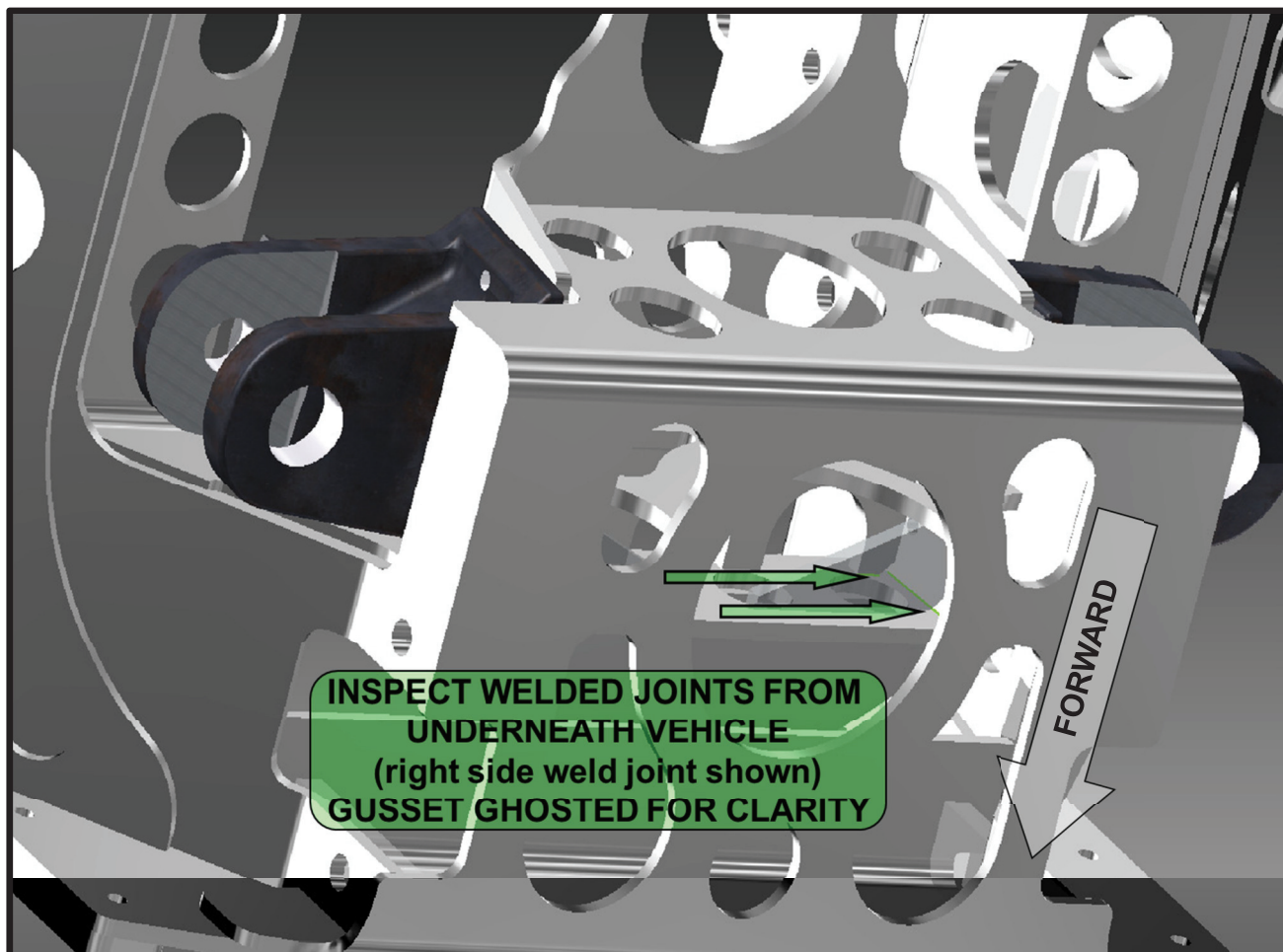
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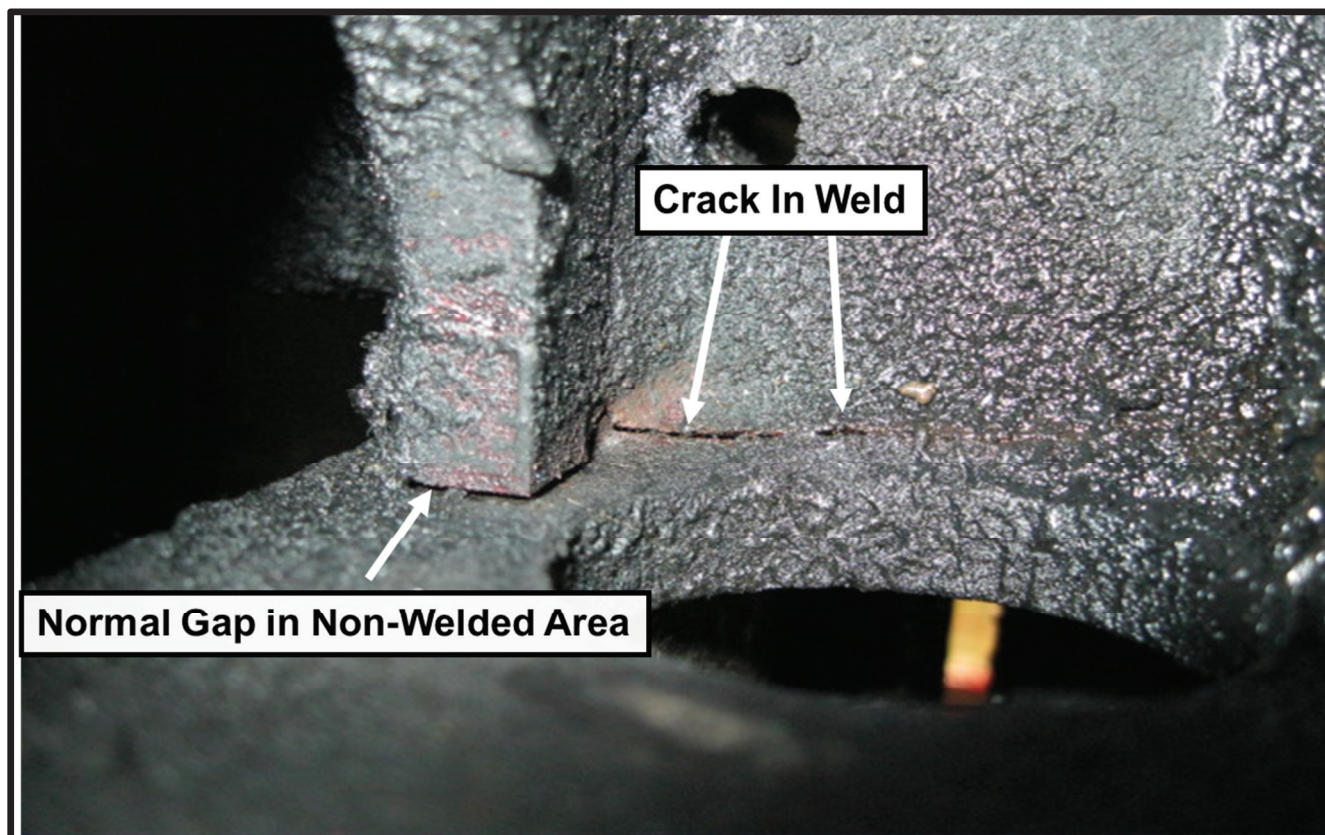
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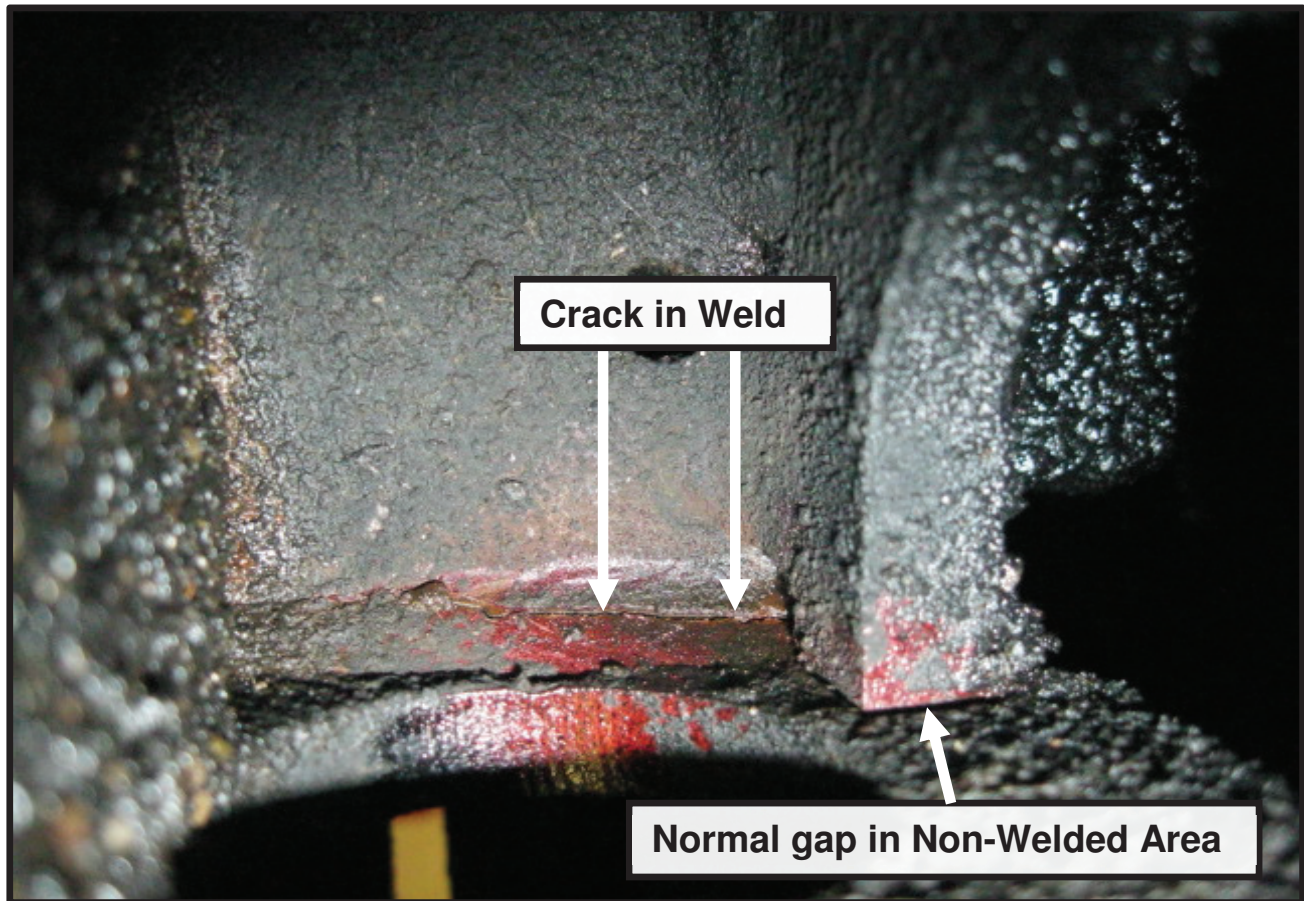
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Right Side Weld Joint Crack





Left Side Weld Joint Crack



1. If a crack is found please contact Spartan Chassis at 1-800-543-5008 for further instructions.