Everyday, engineers and technicians around the world choose 3M products as the best solution for their manufacturing and repair needs. From Specifications and Endorsements to Service Bulletins and Recall Notices, 3M is proud to be a trusted partner of the Automotive Industry.

Here’s just one example…
### Reference Information

**Organization:** Chrysler Group LLC

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<tr>
<td></td>
<td>Name: Welding and Weld Bonding</td>
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<td>Number: 81-316-0740</td>
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<td>Issued: 2006</td>
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### Description

**Vehicles:** ALL Chrysler Group Vehicles

With the introduction of special high-strength steels and coated metals in the early 1980’s, the repair technician has been required to use Gas Metal Arc Welding (GMAW), also known as Metal Inert Gas (“MIG”) welding, to install or repair body panels during the repair of most unibody vehicles. While creating a strong joint with a limited heat-affected zone, MIG welding requires significant additional work to dress the welds, and there exists a concern of corrosion or recognition that a repair has been made.

This document is the latest in an ongoing series. DaimlerChrysler previously published information related to Weld Bonding methods, Structural Adhesive and Squeeze Type Resistance Spot Welding (STRSW) as an option for the field repair rather than GMAW in areas considered as cosmetic repair locations. STRSW equipment manufacturers have made significant advances that now enable repair facilities to duplicate an OEM joint utilizing the same process for repair that the OEM uses during production – both with and without structural adhesives.

**Note:** 3M provides this information for REFERENCE ONLY. ALWAYS refer to the original document or the OEM-provided model-specific collision damage repair manuals for complete instructions.

### 3M Products:

**Included:** PN08116 3M™ Panel Bonding Adhesive

**Note:** In some cases, 3M may offer an alternate part number (different size/color) with the same chemistry and/or performance as the included product. Please consult your 3M Representative for more information.

### Source:

www.MoparRepairConnection.com

www.Collision.ALLDATA.com

### Product Use:

Many factors beyond 3M’s control and uniquely within user’s knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user’s method of application.

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