

COLLISION REPAIR INFORMATION

FOR THE COLLISION REPAIR PROFESSIONAL

TITLE: APPROVED COLLISION REPAIR METHODS
SECTION: STRUCTURAL BULLETIN # 176 (revised)
MODELS: ALL TOYOTA, LEXUS, and SCION
DATE: DECEMBER 2009

During collision repair straightening operations it is often necessary to stress-relieve metal components to return them or attached components to original shape, alignment, and strength. It is also often necessary to replace or section damaged weld-on components. The following information is intended to provide an overview of approved repair methods and repair methods that are not recommended for these operations. This information also reinforces specific precautions currently published in Collision Repair Information Bulletins (CRIBs), and those covered in instructor-facilitated hands-on training.

APPROVED REPAIR METHODS	METHODS NOT RECOMMENDED
Cold Straightening: Pushing-Pulling-Hammering	Stress Relief: Heating HSS and UHSS
Weld-On Pulling Aids	Stress Relief: Holes or Access Windows
Sectioning at Specified Locations	Sectioning at Non-Specified Locations
Open Butt Joint	Butt Joint With Backing (Sleeve)
Installing Genuine OEM Parts	Installing Aftermarket and Recycled Parts
Adhesive Use Where and How Specified	Panel Bonding and Weld Bonding

Instructor facilitated hands-on training information is available at www.crrtraining.com. All pertinent collision repair specifications and precautions are covered in-depth during the following training courses:

- Course #301 Non-Structural Body Repair Training
- Course #460 Structural Body Repair Training

Collision Repair Information Bulletins can be accessed at www.techinfo.toyota.com. Refer to the following bulletins for more detailed information on applicable collision repair topics and precautions:

- CRIB #122 Full Body Sectioning
- CRIB #155 Body & Frame Sectioning
- CRIB #157 Collision Parts Position Statement
- CRIB #158 Panel Adhesive
- CRIB #161 Collision Damage Repair Precautions
- CRIB #172 Bumper Component Repair
- CRIB #174 Welding Prius UHSS
- CRIB #175 HSS & UHSS Occupant Cabin Reinforcement Repair & Replacement

**PLEASE ROUTE THIS BULLETIN TO YOUR COLLISION REPAIR CENTER
MANAGER AND COLLISION REPAIR TECHNICIANS**

