

ANZ Aluminium Repair Procedures

Body Repair

Aluminium Metal Working

1		Pre-Cleaning Prewash/clean vehicle prior to disassembly (power wash undercarriage area at repair).
2		Surface Prep Use a Scotch-Brite™ Roloc™ + Clean N Strip Disc or a Scotch-Brite™ Belt to remove paint/coating in low points of damage in preparation for dent pulling.
3		Dent Pulling Pull low spots of dent using preferred dent pulling method and equipment. Pulling equipment that allows continued pulling pressure while heating may be necessary to avoid stretching or cracking the aluminum. First in, last out and hammer-off-dolly technique is suggested.
4		Final Prep Use a grade 80 3M™ Roloc™ Disc to remove remaining studs from dent pulling operation. Caution: Avoid thinning the aluminium.
5		Clean and Inspect Clean with 3M™ All Purpose Cleaner and Degreaser Concentrate. Blow off with clean, dry air. Inspect damage area to determine if additional metal straightening is required before applying body fillers.

Visit www.3m.com.au/aad or www.3m.co.nz/aad for more SOPs and videos

Product List ANZ

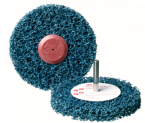
3M™ Car Wash Soap Concentrate, 3.78 litre, PN 38377



3M™ All Purpose Cleaner and Degreaser Concentrate, 3.78 litre, PN 38350



Scotch-Brite™ Clean N Strip Disc, PN57016



3M™ Cubitron™ II Fibre Roloc™ Disc, grade 80+, 75mm, PN 33392



Scotch-Brite™ Durable Flex Belt, CRS



Think About Your Health

3M™ E-A-R™ Skull Screws™ Ear Plug, PN P1300



3M™ Half Facepiece Respirator, PN07502 with appropriate cartridge



3M™ Lexa™ Protective Eyewear, PN 15200 or 3M Secure Fit SF401AF-AS



Note: It will be necessary to apply cavity wax to back side of panel at heat affected areas to restore corrosion protection.

Note: Use caution when working on aluminium parts. Use tools that have been cleaned properly or designated for use on aluminium to reduce potential cross contamination. Do not re-use abrasives that were previously used on steel repairs.



For ordering information, contact your 3M Sales Representative