

3M[™] Power Tools for Body Repair

3M[™] Pistol Grip Disc Sander

The 3M[™] Pistol Grip Disc Sander is a light-weight tool with the power to grind welds and the size to access small and hard-to-reach areas. Perfect for grinding and sanding applications with our 3M[™] Cubitron[™] II Fibre Roloc[™] Discs.

- Maximize cut speed with 3M[™] Cubitron[™] II Fibre Roloc[™] Discs
- Suitable for both 2 inch and 3 inch discs
- Variable speed adjustment for optimal finish

3M[™] Cut-Off Wheel Tools

The 3M[™] Cut-Off Wheel Tools deliver the performance you need when working with tough automotive substrates. When paired with 3M[™] Cubitron[™] II Cut-Off Wheels, technicians can slice through even high-strength steel and aluminum with clean, straight lines and minimal effort.

- Power with a 3M[™] Cubitron[™] II Cut-Off Wheel for a cleaner cut that runs cooler
- Compact design with built-in safety features for easy handling
- Featuring a light-weight composite body for greater user comfort
- Available in 3 inch and 4 inch sizes





3M[™] Mini File Belt Sander and File Belt Sander

The 3M[™] File Belt Sanders allow technicians to access hard-to-reach areas and are great for spot weld removal, deburring, cleaning, and finishing.

- Remove spot welds cleanly and quickly with 3M[™] Cubitron[™] II File Belts — replacing the need for expensive drills and bits
- Adjustable arm for user comfort and multiple applications
- Available in 13 inch and 18 inch sizes



3M[™] Pistol Grip Disc Sander

Part No.	Max RPM	Thread Size	Weight Ib (kg)	Height in. (mm)	Length in. (mm)	Motor hp (W)
Use with 2 in. (50mm) and 3 in. (75mm) discs*						
33577	18,000	1/4 in. – 20	1.76 (0.8)	2.05 (52)	7.50 (189)	0.45 (336)
*Tool includes a 2 in (50mm) and 2 in (75mm) 2M™ Poloa™ Disa Pod						

es a 2 in. (50mm) and 3 in. (75mm) 3M™ Roloc™ Disc Pad.

3M[™] Cut-Off Wheel Tools

Part No.	Wheel Size in. (mm)	Max RPM	Thread Size	Weight Ib (kg)	Height in. (mm)	Length in. (mm)	Motor hp (W)
ALWAYS U	JSE WITH GUA	RD					
33579	3 (75)	20,000	1/4 in. – 28	1.91 (0.87)	3.14 (79.6)	7.73 (196)	0.70 (522)
33581	4 (100)	20,000	1/4 in. – 28	2.00 (0.91)	3.42 (86.9)	7.73 (196)	0.70 (522)



PN 33577



3M[™] Mini File Belt Sander and File Belt Sander

Part No.	Belt Size in. (mm)	Max RPM	Weight Ib (kg)	Height in. (mm)	Length in. (mm)	Motor hp (W)
Belt Speed: 4100 SFPM (1250 SMPM)						
33573	3/8 × 13 (10 × 330)	17,000	2.07 (0.94)	2.87 (73)	12.50 (320)	0.65 (485)
33575	1/2 × 18 (13 × 457)	17,000	2.16 (0.98)	2.87 (73)	15.15 (385)	0.65 (485)



Replacement Parts — in. (mm)

33583 Replacement Contact Wheel, 3/8 (10)	33585 File Belt Replacement Arm, 3/8 × 13 (10 × 330)
33584 Replacement Contact Wheel, 1/2 (13)	33588 File Belt Replacement Arm, 1/2 × 18 (13 × 457)





Science. Applied to Life.[™]

Standard Operating Procedures Truck Repair

Composite Panel Removal and Installation

Clean the Panels

Clean panels with soap and water followed by a VOC compliant surface cleaner. Thoroughly dry the parts. DO NOT apply any other cleaners throughout the remainder of the removal and installation procedure.

Panel Removal

Heat the bond line to 250-300°F and gently pry the panels apart with a rigid putty knife or equivalent. Remove all adhesive from the undamaged part using the same process as below. Let the surface cool.

Surface Prep

Sand the surfaces to be bonded using a grade 60 3M[™] Roloc[™] Abrasive Disc on a pistol grip sander set at a low speed to rough up the area, or a P80 abrasive disc on a DA. Blow off the repair area with clean, dry air and a clean cloth. Note: If flame heat was used to help separate panels it's a must that the after burn be removed with a P80 abrasive disc. For metal parts, nothing coarser then P80 is necessary.

Dry Fit Parts

Dry fit all parts to ensure a good fit before dispensing and applying adhesive.

Apply Adhesive

Follow the Directions for Use to prepare, mix and apply 3M[™] SMC/FRP Repair Adhesive. Apply a continuous bead to one part. Note: If you need to adjust the part, slide the part to prevent air pockets in the adhesive bead.



Bond

Mate the parts. Apply clamps to the bonded panel surface and clamp within the desired area. Note: Apply as many clamps as needed to bring the panels together. Make sure NOT to over clamp, which can result in squeezing the bondline dry of adhesive. Remove any excess adhesive squeeze out.



3M[™] Car Wash Soap Concentrate, 5 gallons, PN 38378



3M[™] Specialty Adhesive Remover, 15 oz. aerosol, PN 38987



3M[™] Cubitron[™] II Fibre Roloc[™] Disc, grade 60+, 3 in. (75mm), PN 33391



3M[™] Pistol Grip Disc Sander, PN 33577

3M[™] Cubitron[™] II Clean

Disc, 6 in., 80+ grade,

PN 31371

Sanding Hookit[™] Abrasive



Scotch[®] Performance Green Masking Tape 233+, 18mm width (.71 in.), PN 26334



3M[™] SMC/FRP Repair - 10, 400mL, PN 08272

3M[™] SMC/FRP Repair - 35, 400mL, PN 08273

3M[™] SMC/FRP Repair - 90, 400mL, PN 08274

3M[™] Performance Pneumatic Applicator for 400mL cartridges, PN 08280



Think About Your Health

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

3M[™] Half Facepiece Respirator, PN 07182

3M[™] Virtua[™] CCS Protective Eyewear with Foam Gasket, PN 11872

Not a complete list. Select protective eyewear, appropriate gloves, hearing protection, respirator and protective clothing based on your job and exposure assessment.

For ordering information, contact your 3M Sales Representative

