

3M™ Auto Body Repair  
Dynamic Mixing System

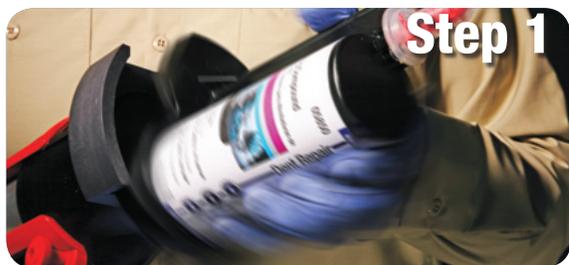
Outstanding results.  
Less waste.

More  
productivity.

- Revolutionary auto body repair breakthrough.
- Advanced mixing nozzle automatically mixes as-you-go, eliminating pinholes in the final finish.
- Grab-and-go applicator dispenses filler-on-demand.
- Easy-on/easy-off cartridges for finishing jobs faster.
- A better system for an ultimately better finish, better productivity – and better profitability.

3M

# How the system works: It's as easy as TWIST, MIX & FIX!



**Step 1**

**TWIST** into place a cartridge (filled with dent filling compound or dent finishing glaze) on the applicator, and add a mixing nozzle.



**Step 2**

**MIX** the compound and hardener automatically by simply pulling the trigger on the applicator. Watch as the automixing nozzle precisely mixes – and dispenses – a perfect ratio of filler or glaze and hardener. No more guesswork!



**Step 3**

**FIX** dents or scratches instantly by applying the compound directly from the applicator to the vehicle surface and spread into place!

Nothing is faster, easier or reduces more waste!

## Product and Ordering Specifications

### Tools

Part #	Item	Description	Qty/Case
051131-05846	3M™ Dynamic Mixing Gun – Pneumatic	The driving force behind 3M's Dynamic Mixing System, this pneumatic gun handles both mixing and dispensing.	1

### Accessories

Part #	Item	Description	Qty/Box	Boxes/Case
051131-05847	3M™ Dynamic Mixing Nozzle	This nozzle's active mixing action completely blends materials, and its short length guarantees low waste.	50	12
051131-02576	3M™ Bulk Nozzle Shop Rack	This magnetically mounted wire rack positions mixing nozzles within easy reach and fits most 3M bulk nozzle boxes.	1	1
051131-02575	3M™ Dynamic Mixing Gun Shop Rack	This shop rack easily mounts to cart or tool chest and safely holds the Dynamic Mixing Gun between uses, or allows the mixing gun to be used while mounted.	1	1

### Compounds & Finishing Glazes

Part #	Item	Description	Size	Qty/Case
051131-05850	3M™ Dent Filling Compound	This cartridge-based format eliminates waste and mess, and maintains excellent shaping and sanding characteristics.	306mL Cartridge	6
051131-05857	3M™ Dent Finishing Glaze	The flowable and self-leveling formula makes this cartridge-based glaze unique and easy to sand.	306mL Cartridge	6

### Kits

Item	Description	Qty/Case
3M™ Dynamic Mixing System Introductory Kit	1 Applicator Gun, 2 cases of product, 1 box of Dynamic Mixing Nozzles and both shop racks.	1

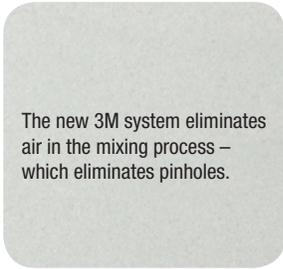
# 3M reinvents dent repair with the Dynamic Mixing System.

## Introducing a revolutionary auto body repair breakthrough

**Preventing pinholes for outstanding results.** The secret to a better finish with the 3M™ Dynamic Mixing System lies in the vortex-like action occurring in the mixing nozzle. Within this sealed environment, no air is allowed to enter when the filler or glaze and hardener are mixed to a perfect ratio.



Traditional repair methods leave air pocket pinholes.



The new 3M system eliminates air in the mixing process – which eliminates pinholes.

The absence of air in the cartridge and mixing nozzle virtually eliminates problematic pinholes in the final finish – pinholes that are simply unavoidable using traditional mixing techniques.

**Reduce waste.** Throwing away unused filler or glaze is just like throwing away your ability to maximize your profit potential. With traditionally mixed filler, up to 40% of body filler or glaze can end up unused in the trash – and not on the repair. But with 3M's "filler-on-demand" technology, you don't lose what you don't use – virtually eliminating waste!

**Enhance productivity and profitability.** There's no scooping, mixing or cleaning up – instead, just grab-and-go with the self-mixing, self-contained system applicator! You only apply the amount that's needed – right where it's needed – for a faster finish with no pinholes. That means a coat of filler or glaze could be eliminated from the process, saving both material and time – 20 to 30 minutes in some cases! You're ready for job, after job, after job ... with no downtime for mixing mistakes. Completing more jobs in less time increases overall shop productivity, and overall shop profitability.

**Less mess.** With this revolutionary system, you'll never have to reach into the can and scoop out filler again. No more leaky valves on the filler pails that drip all over. And no more material running off the mixing board and landing on the vehicle, the floor – or your shoes! Your hands stay clean, your work area stays clean – and the vehicle stays clean from start to *finish*.

# Stop mixing. Start fixing.





## The New 3M™ Dynamic Mixing System

### The Applicator

Once you grab hold of the mixing gun, you won't want to put it down. Powered by your shop's pneumatic air system, this easy-to-use, ergonomically styled device fits any grip and is always ready when you are to dispense filler-on-demand. Its durable construction is built to last long and stand up to heavy-duty performance, day in and day out. It's the cool new tool that helps get the job done faster, with outstanding results.

### The Mixing Nozzles

Never worry again about adding too much – or too little – hardener to filler or glazes. The innovative mixing nozzle prevents over-catalyzation by blending a perfect ratio. The work time clock resets with every pull of the trigger, so you never have to worry about rushing to complete the job before you're actually ready to. And since no air is introduced in the cartridge or while the components are being mixed in the nozzle, air pockets that produce pinholes in the finish are prevented.



### The Cartridges

Go ahead and kick the bucket – you won't need it for your filler product or even for clean up! That's because the filler or glaze and hardener are all self-contained in compact cartridges that twist into place on the applicator. When you pull the trigger, the exact amount you need can be dispensed. No more waste means you can actually use up to 40% less product vs. the old traditional mixing method!



### Dent Filling Compound

Formulated and designed with excellent shaping and sanding characteristics. The cartridge-based format allows you to use exactly the amount you need, eliminating waste – and mess!



### Dent Finishing Glaze

This flowable, self-leveling glaze produces outstanding results. It's easy to use, easy to sand, and with no unused product to worry about, there's virtually no waste or clean-up!



# Dare-to-Compare Dent Repair Analysis

See how much material, time and money you could save using the 3M™ Dynamic Mixing System vs. traditional mixing methods.

**JACK'S FACTS\*:** Jack's Collision Repair employs 12 body technicians, and completes about 175 repair orders per month. Using traditional methods, the shop typically consumes about seven cans of premium body filler and twelve "pumptainers" of finishing glaze each month.

**Materials Savings:** Based on average results, converting to the 3M™ Dynamic Mixing System would **cut Jack's monthly purchases of body filler and glaze almost in half.**

Finishing Product	Traditional Method	NEW 3M™ Dynamic Mixing System	Reduction in Product Used
<b>Body Filler</b>	7 Cans	37 Cartridges	
	5.6 Gallons	3.0 Gallons	46%!
<b>Glaze</b>	12 Pumptainers	20 Cartridges	
	360 fl. oz.	206 fl. oz.	43%!

**That means annually, Jack's can eliminate purchasing more than 30 gallons of body filler and 61 glaze pumptainers!**

**Production Savings:** Jack's can also free up almost 32 hours of production each month by using the 3M™ Dynamic Mixing System. That's because they're now able to complete up to 30% of repair orders with a single coat of filler or glaze – jobs that traditionally received time- and labor-intensive multiple coats.

And because pinholes have been all but eliminated through the adoption of the Dynamic Mixing System and the recommended application procedures, relations are actually improving between the body and paint departments. Now, neither department is wasting time hunting and addressing those annoying finish imperfections.

**Revenue Increases:** With an average body technician efficiency rating of 200%, the production savings at Jack's can translate into 64 hours of additional billable hours that the shop can take advantage of each month – or 768 additional billable hours annually!

If Jack's bills labor at \$50 per hour, **the 3M™ Dynamic Mixing System can add up to \$38,400 in ADDITIONAL annual revenue potential!**

**Contact your 3M Representative today and discover how the 3M™ Dynamic Mixing System can dramatically impact YOUR profit potential!**

## The Reviews Are In ...

“ I love the versatility of the product – being able to apply directly to the surface or onto the squeegee. I'd say we cut our wasted material by 90%. Not only that, we cut down on everything from towels to lacquer thinners, because we aren't cleaning mixing boards or anything. Just wipe the squeegee and you're done. And it sands great, too!”

— Glen Elhard  
Technician  
Kimballs Autobody, Inc.  
Tacoma, WA, U.S.A.

“ The system is really convenient to use and a great time saver. We do a lot of custom work, and I was able to apply compound as I needed it to several areas of the car, move on and finish the entire vehicle without having to mix several batches and throw away material that had set up. So the application is fast, there's no over-mixing so there's a lot less waste, and nothing to clean up. And pinholes were minimal, which also saved time prior to priming.”

— Shawn Hengstebeck  
Owner  
Inland Empire Body Works, Inc.  
Riverside, CA, U.S.A.

# 3M™ Dynamic Mixing System



## Stop mixing and start fixing today!

Contact your Distributor or 3M Sales Representative and let the 3M™ Dynamic Mixing System deliver outstanding results, less waste and more productivity to YOUR shop.

For more information visit our website  
<http://www.3M.com/Automotive>

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