

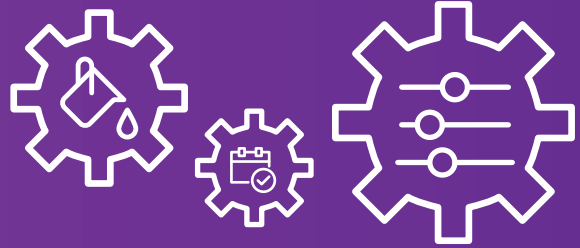
Enhancing efficiency:

# Transform your shop's paint booth process.

Spend more time painting, less time wasting.



In the fast-paced world of collision repair, the **paint booth often becomes a bottleneck**, slowing down the entire repair process. Efficient management of this critical area can significantly enhance productivity and profitability in your shop. Improving efficiency doesn't always require investing in new equipment; rather, it involves rethinking existing processes and adopting more strategic practices that could help maximize production. Here are some ways to help unlock your paint department's full potential.

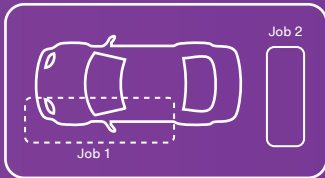


## Parts-Off Painting

Removing parts from vehicles before painting can significantly free up booth space. Even if insurance doesn't cover this practice, the long-term gains in efficiency and productivity can make it worthwhile.

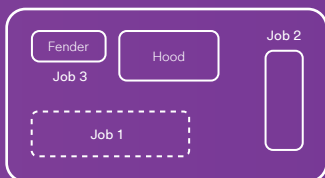
### Parts-On

Job 1 - door and fender left on vehicle  
Job 2 - bumper from another vehicle



### Parts-Off

Job 1 - door and fender removed from vehicle  
Job 2 - bumper from another vehicle  
Job 3 - fender and hood from third vehicle

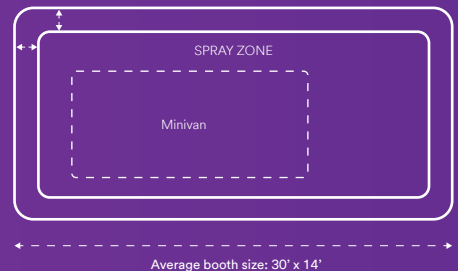


## Building a Booth Schedule

A dedicated booth schedule is essential for maximizing paint shop productivity, with the average shop completing about four booth cycles a day. Attach a dry erase board to the side of each booth. Here, shops can plan booth cycles for the next day, including an extra cycle for flexibility, and a filler section for small parts that come in throughout the day.

Cycle 1	Malibu - 6 hours Altima Bumper - 3 hours Mazda Mirror - 1 hour	Refinish Hours 10
Cycle 2	Caravan - 8 hours Civic Bumper - 3 hours	Refinish Hours 11
Cycle 3	Silver BMW - 10 hours	Refinish Hours 10
Cycle 4	Ram Truck Box and Cab - 18 hours	Refinish Hours 18
Cycle 5	Accord - 6 hours Equinox - 7 hours	Refinish Hours 13
Filler	Taurus Bumper - 3.6 hours Buick Mirror - 1 hours Quest Bumper - 3 hours Tundra Tailgate - 4 hours	

Spray zone is typically 3' away from each booth wall



## Floor Staging

Taping off a "spray zone" on the floor **outside of the booth** can help painters organize parts more effectively. The "spray zone" is typically 3 feet away from each wall to allow room for the painter to spray. Painters can know exactly how much space they have, allowing them to fit parts efficiently without overcrowding the booth.

Parts of different colors should be at least 3 feet apart to prevent color contamination, while parts of the same color can be closer together.

## Minimizing Waste

Many shops lack structure within the paint area. This can lead to delays, inefficiencies, and ultimately, a slowdown in the repair process. Implementing strategic practices can help enhance workflow, reduce waste, and optimize the use of resources. Here are some helpful tips that can help paint shops maximize their efficiency and drive profitability.



**Material Usage:** Overmixing paint can waste resources and increase expenses, so mixing only the necessary amount can help drive efficiency. Paint companies' mixing software can help determine the right amount, and tinting primers can reduce the amount of basecoat needed for coverage.



**Spray Gun Setup:** Maximize transfer efficiency and minimize paint waste with the proper spray gun setup. Incorrect settings, such as too high pressure or too wide a pattern, result in overspray and less paint hitting the panel, leading to significant efficiency loss.



**Application Techniques:** Keeping the spray gun at the correct distance from the panel and properly releasing the trigger can help prevent overspray. Checking coverage after each coat can avoid applying unnecessary extra layers of paint.

Double down on efficiency with the **3M™ Performance Spray Gun System** and experience one of the highest transfer efficiencies for industry leading spray guns.



Make increasingly complex paint processes, simpler. Start spraying the smart way today.