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DIY Auto Body and Paint

Steps For Adjusting Gun For Small Area

- 1. Adjust Fluid** – Before connecting the air hose, adjust the fluid valve all of the way in by turning to the right (clockwise). The turn to the left (counterclockwise) several turns.
- 2. Adjust Air Pressure** – Connect the air hose to the regulator on the gun and adjust the air pressure to the recommended setting. This is going to vary depending on the spray gun recommendations. Air pressure will need to be readjusted when the fan pattern is set in the next step.
- 3. Adjust Fan Pattern** – Close the fan pattern all of the way by adjusting the fan adjustment by turning (clockwise) until it stops turning. Then open the adjustment several turns. This will provide a smaller 4 to 6 inch wide pattern.
- 4. Fine Tune Air Pressure** – Use a test panel to test the spray gun settings while holding the gun approximately 8 inches away from the surface being sprayed. Use the same steps as mentioned for complete panel adjustments. However, you may want to adjust the air pressure slightly lower to keep overspray to a minimum. If the spray drops are too big or the pattern is too round in the center, you will need to slightly increase the air pressure and retest the pattern. If the pattern has too much overspray or if the pattern looks like the figure “8”, the air pressure will need to be decreased.
- 5. Fine Tuning Fluid** – This step will require a little time spent adjusting to get it right for the job you are doing. You want to spray enough to get the correct amount of mill coverage, but you do not want to get too much mills either, which is easy to do with a small pattern. When spraying the test pattern, if the pattern is too wet when sprayed degrease the fluid adjustment slightly and retest until you have achieved desired fluid.
- 6. Fine Tuning Fan** – The smaller fan pattern may be used for priming a small spot. Therefore, the fan width will depend on the size of the damaged area. A well for an application such as this. Slightly adjust the fan adjustment until desired fan pattern is achieved.