



JUNAIR
SPRAYBOOTHS

ALLOY WHEEL REPAIR PROCESS



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JUNAIR ALLOY WHEEL REPAIR PROCESS

Products & Tools Required

- Body file to shape deep gouges
- Tyre tube for run flat tyres
- P180 grit sanding disc
- P240 grit sanding disc
- Rodac mini sander
- Degreaser
- Cleaning cloths
- Cumbrian wheel bags
- 2" masking tape
- Aerosol etching primer
- Base coat
- Top coat
- Tack rag
- Spray gun
- Tyre pressure gauge

Protective Equipment Required

- Overalls
- Disposable gloves
- Dust mask
- Respiratory protective equipment (for painting)
- Knee pads
- Safety footwear

Junair Wheel Repair Equipment Required

- WheelRack
- WheelBlast
- WheelCabin
- WheelBake
- Bead Breaker

Figure 1 shows typical curb damage in three areas in which case the full rim would be refurbished.



Figure 2 shows what the finished result can look like in one hour or less.



The best process to adopt for full alloy wheel refurbishment is the sand blasting process.

For high volume wheel repair, the following process will save time and money. It will also give maximum paint adhesion properties whilst delivering a smooth, paintable finish. This will protect the wheel against flaking paint should it incur any future damage.

The use of the WheelRack makes transporting the wheel/s between equipment easy and comfortable.



The use of the WheelBlast dramatically speeds up the preparation and cleaning process. It can provide health and safety benefits with no need to use harmful chemicals normally required to remove stubborn stains and brake dust.



Process Steps

1. Jet wash wheel & remove from car.
2. Break the bead on the tyre & sand out the damage using an orbital sander with a P180 disc.
3. Inflate tyre & place in the WheelBlast.
4. Blast the wheel in the WheelBlast.
5. Blow off any sand from the wheel before removing from the WheelBlast.
6. Place the wheel into the WheelWasher & wash.
7. Clean the break bead to help keep the tyre away from the alloy during painting.
8. Mask up using a wheel bag – tape down any loose bagging.
9. Cover any bare alloy with an etching primer prior to painting.
10. Once painted, place the wheel in the WheelBake to cure.
11. De-mask the wheel & inflate the tyre to the desired pressure.



Grade of sand required to run



Wheel prepped & masked

An individual wheel repair can be performed in less than one hour. The finish is of the highest standard, just as if jet washing and wheel acid washing had been used.



WheelBlast



WheelRack & WheelCabin



WheelBake

BLASTING TO PAINTING TO BAKING WITHIN ONE HOUR



FINISHED PRODUCT