Cystadleuaeth Skills Sgiliau Competition Cymru Wales

Cronfa Gymdeithasol Ewrop European Social Fund

SkillAuto Selection – Auto Body Repair
Task A - Repair Damaged Panel

Competitor Instruction Sheet

You have **30 Minutes** to complete this task

1. Use the body file to identify the extent of the damage pointed out to you. You should remove only enough material to identify damage.
2. Use the correct dolly from those supplied and a bumping file or the correct hammer to repair the damage

(Damage can be dressed with the hammer from behind if required)

Ariennir gan Lywodraeth Cymru
Funded by Welsh Government

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SkillAuto Selection – Auto Body Repair
Task B – MIG Welding

Competitor Instruction Sheet

You have **30 minutes** to complete this task

1. **Check and set up the welding equipment for the weld type. Including gun tip, nozzle shield, power settings, wire type, speed, gas type and flow.**
2. **Prepare sheet metal provided.**
3. **Carry out a visual test weld and assess for strength and defects**
4. **Complete a horizontal butt weld on a panel stand**
5. **Carry out a quality check on the finished weld**
6. **Shut down welding equipment on completion of task**

Note: Provided for you are 6 coupons to complete 2 weld test pieces and 1 setup/practice piece. You should select which test piece to submit for marking.

Ariennir gan **Lywodraeth Cymru**
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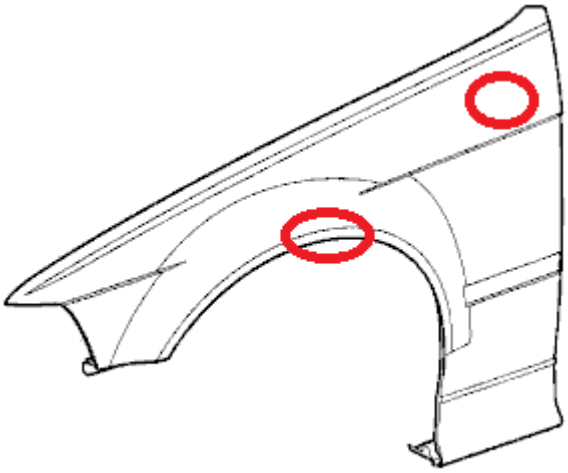
SkillAuto Selection – Auto Body Repair
Task C – Panel Filler Repair



or Instruction Sheet

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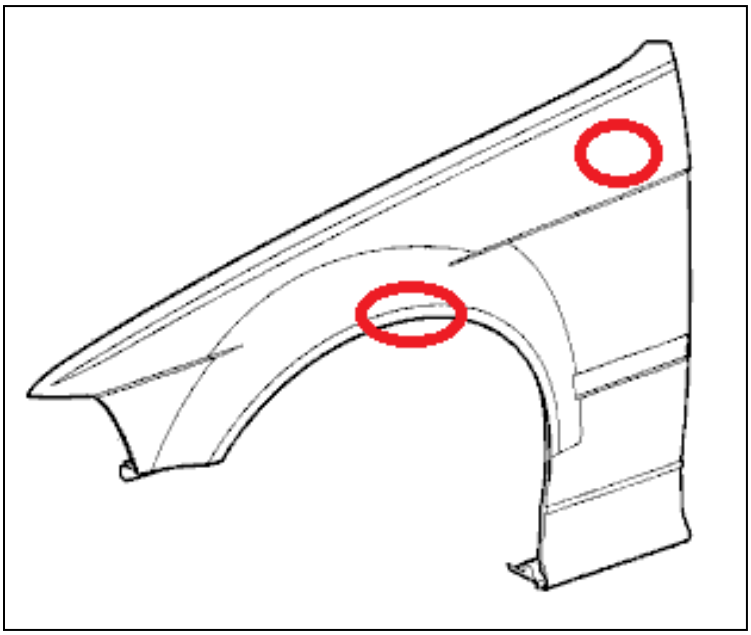

SkillAuto Selection – Auto Body Repair
Task D – Spot Welding

Competitor Instruction Sheet

You have **30 minutes** to complete this task

Check and set up the resistance spot welding equipment and produce a test nuggets for assessment and produce a series of 5 welds in a parallel line

One coupon should be pulled and one coupon should show the weld but not be pulled

Note: Provided for you are 6 coupons to complete the weld practice and set up test pieces. You should select which two test piece to submit for marking.
Produce the finished task with 5 quality welds in position.

Set up the test pieces as stated below. – Overlap the pieces and weld together

PLATE 1

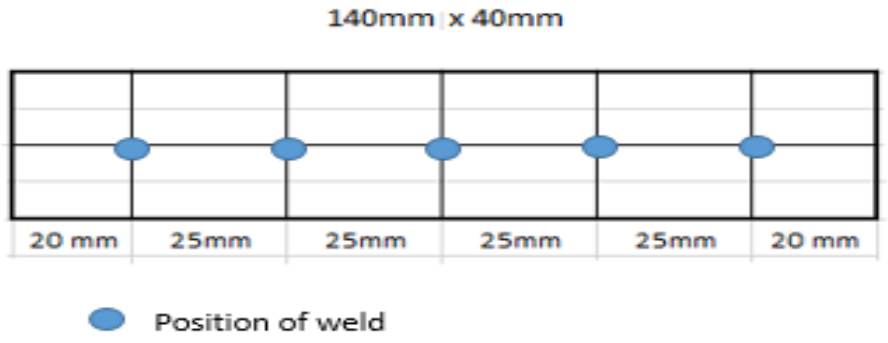

PLATE 2