



Australian Government

MSTFR3001 Replace full sole and heel

Release: 1

MSTFR3001 Replace full sole and heel

Modification History

Release 1. Supersedes and is equivalent to LMTFR3001A Replace full sole and heel

Application

This unit of competency covers the skills and knowledge required for the replacement of a shoe sole and heel using a variety of replacement or repair methods.

This unit of competency applies to the replacement of a full sole and heel on a variety of shoe styles and replacement materials.

Work may be conducted in small to large scale enterprises and may involve individual and team activities. Work is performed within defined procedures under direct supervision.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Competency Field

Footwear repair

Unit Sector

Not applicable

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

1	Determine job requirements	1.1	Follow standard operating procedures (SOPs)
		1.2	Comply with work health and safety (WHS) requirements at all times
		1.3	Use appropriate personal protective equipment (PPE) in accordance with SOPs
		1.4	Identify job requirements from specifications, drawings, job sheets or work instructions

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|---|--|-----|--|
| 2 | Prepare to replace full sole and heel | 2.1 | Inspect shoes, identify repair materials and advise customer on costs prior to commencing shoe repair |
| | | 2.2 | Prepare and review job sheet to ensure all requirements are included |
| | | 2.3 | Determine appropriate method of replacing sole, and select, check and prepare appropriate tools and materials |
| | | 2.4 | Apply workplace procedures |
| | | | |
| 3 | Prepare sole | 3.1 | Remove heel pads, socks and top lifts, as appropriate |
| | | 3.2 | Remove sole and heel block or sole or heel unit using the appropriate method and tools, ensuring no damage to the shoe |
| | | 3.3 | Scour surface of the sole area of the shoe using appropriate hand or machine operations to ensure even finish |
| | | 3.4 | Select pre-cut sole of appropriate thickness and material, or mark and cut sole from sheet of appropriate material and thickness |
| | | 3.5 | Check and replace filler and welting, as required |
| | | | |
| 4 | Replace and finish sole | 4.1 | Apply adhesive evenly to both bottoms of shoe and sole, leave to dry and reactivate, as required |
| | | 4.2 | Position sole or sole and heel unit and secure using appropriate manual and machine operations |
| | | 4.3 | Check quality of adhesion, adjust as required |
| | | 4.4 | Trim back sole to the appropriate edge by manual or machine operations and re-attach heel block |
| | | 4.5 | Ink or stain sole and heel edges to match original shoe colour, polish and finish off |
| | | 4.6 | Package, label and store shoes and maintain records |

Foundation Skills

This section describes those required skills (language, literacy and numeracy) that are essential to performance.

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

This field allows for different work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included.

Workplace procedures include one or more of the following:

- requirements prescribed by legislation, awards, agreements and conditions of employment
- SOPs
- work instructions
- oral, written and visual communication
- quality practices, including responsibility for maintenance of own work quality and contribution to quality improvement of team or section output
- housekeeping
- tasks related to environmental protection, waste disposal, pollution control and recycling
- WHS practices

Australian Standards include:

- the relevant industry or Australian Standards that are current at the time this unit is being undertaken

Material includes one or more of the following:

- full leather sole and heels (welts)
- full resin sole and heel (cement lasted blakes)
- thermo plastic rubber (TPR)

Unit Mapping Information

Release 1. Supersedes and is equivalent to LMTFR3001A Replace full sole and heel

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a203ec5c-de7d-406b-b3e1-8f1a9b76e92e>

Assessment Requirements for MSTFR3001 Replace full sole and heel

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Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy the requirements of the elements and performance criteria, and include:

- reading and following work instructions, standard operating procedures (SOPs), safe work practices
- applying relevant standards
- inspecting shoes, identifying repair materials and advising customer on costs prior to commencing shoe repair
- determining appropriate method of replacing sole, and selecting, checking and preparing appropriate tools and materials
- applying hand and machine techniques over the range of required operations to replace full sole and heel on at least three (3) pairs of shoes
- using appropriate adhesive and primer according to manufacturer and workplace requirements
- repairing shoes to meet quality and enterprise standards
- checking quality of adhesion, adjusting as required and stitching sole using a sole stitching machine, if required
- trimming, inking or staining sole and heel edges to match original shoe colour, polishing and finishing off
- packaging, labelling and storing repaired shoes and maintaining records

Knowledge Evidence

Evidence must be provided that demonstrates knowledge of:

- safe work practices and procedures and use of personal protective equipment (PPE)
- relevant Australian Standards
- full range of footwear styles and their structure or construction
- characteristics and use of adhesives and primers and their safe application and disposal
- characteristics of typical leathers, fabrics, and other materials used in shoe construction and repair
- use of machines, equipment and tools, adhesives and primers, stains, dyes and inks
- machines:
 - finishing machine
 - heat activator
 - last

- heat pliers
- tools:
 - shoe hammer
 - tack hammer
 - shoe knife
 - sharpening stick
 - peg awl
 - glue gun
 - pincers
 - nippers
 - lasting pliers
 - shears
 - drag knife
 - tack
- quality standards and leather handling procedures
- repair and finish of shoes particularly in relation to use of machines, equipment and tools, adhesives and primers, stains, dyes and inks
- work health and safety (WHS) and environmental aspects of relevant repair processes
- general industry housekeeping policies and procedures
- quality practices
- workplace procedures
- practices for recording and reporting.

Assessment Conditions

- Assessors must:
 - satisfy the assessor competency requirements that are in place at the time of the assessment, as set by the VET regulator
 - have vocational competency in replacing full sole and heel, at least to the level being assessed, with relevant industry knowledge and experience.
- Assessment should occur in operational workplace situations. Where this is not possible, or where personal safety or environmental damage are limiting factors, assessment must occur in a sufficiently rigorous simulated environment reflecting realistic operational workplace conditions. This must cover all aspects of workplace performance, including environment, task skills, task management skills, contingency management skills and job role environment skills.
- Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.
- Conditions for assessment must include access to all tools, equipment, materials and documentation required, including relevant workplace procedures, product and manufacturing specifications associated with this unit.

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