



MAINTENANCE MANAGEMENT TRAINING

Vehicle Body Repair and Refinishing

3 day course

Classroom, online or in-house

Course overview

A body repair is judged entirely on appearance by someone standing two metres away, which makes preparation the whole job and paint the part that reveals whether preparation was done. This course works in that order. Delegates work through damage assessment and the decision between repair and replacement, including structural damage that must not be repaired. Panel beating and metal finishing follow, covering shrinking, filling and the filler thickness that will eventually crack. Surface preparation is covered in detail: sanding grades, feather edging, degreasing and the contamination that causes every common paint defect. Primers, sealers and their purpose are addressed. Colour matching is covered, including variant decks, spray out cards and blending into adjacent panels. Spray technique follows: gun setup, pressure, distance, overlap and the film build that decides gloss. Booth conditions and curing are addressed. Paint defects are diagnosed by appearance and traced to cause. Polishing and finishing are covered. The course closes on health protection from isocyanates and on estimating a job honestly.

What you will learn

- Assess damage and identify structural repair that must not be attempted
- Panel beat and metal finish within safe filler limits
- Prepare surfaces to eliminate the causes of paint defects
- Select primers and sealers for the substrate
- Match colour using variant decks and spray out cards
- Set up a gun and lay down correct film build
- Diagnose paint defects, protect against isocyanates and estimate honestly

Who should attend

- Panel beaters and spray painters
- Body shop supervisors and estimators
- Fleet workshop staff handling accident damage
- Insurance assessors reviewing repairs
- Apprentices entering body repair

Course outline

- 01 Judged from two metres away
- 02 Damage assessment and repair against replacement
- 03 Panel beating and metal finishing
- 04 Filler thickness and later cracking
- 05 Sanding, feather edging and degreasing
- 06 Primers, sealers and colour matching
- 07 Gun setup, film build and booth conditions
- 08 Paint defect diagnosis, isocyanate protection and estimating

Upcoming dates



Dates	Venue	Format	Fee per delegate
12 to 14 October 2026	Cape Town, South Africa	Classroom	R14,950
25 to 27 November 2026	Harare, Zimbabwe	Classroom	USD 995
30 November to 2 December 2026	Pretoria, South Africa	Classroom	R14,950
7 to 9 December 2026	Durban, South Africa	Classroom	R14,950

Fees and how to register

This 3 day course is **R6,500** per delegate online, **R14,950** in the classroom in South Africa, Botswana, Namibia, Lesotho and Eswatini, and **USD 995** in the classroom elsewhere in Africa. In-house training is quotation on request. Book 2 or more delegates on this course and save 10%.

To register or request an in-house proposal, visit www.afrisciencegroup.com, email info@afriScience.co.za, or WhatsApp us on **+27 63 479 1136**.

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