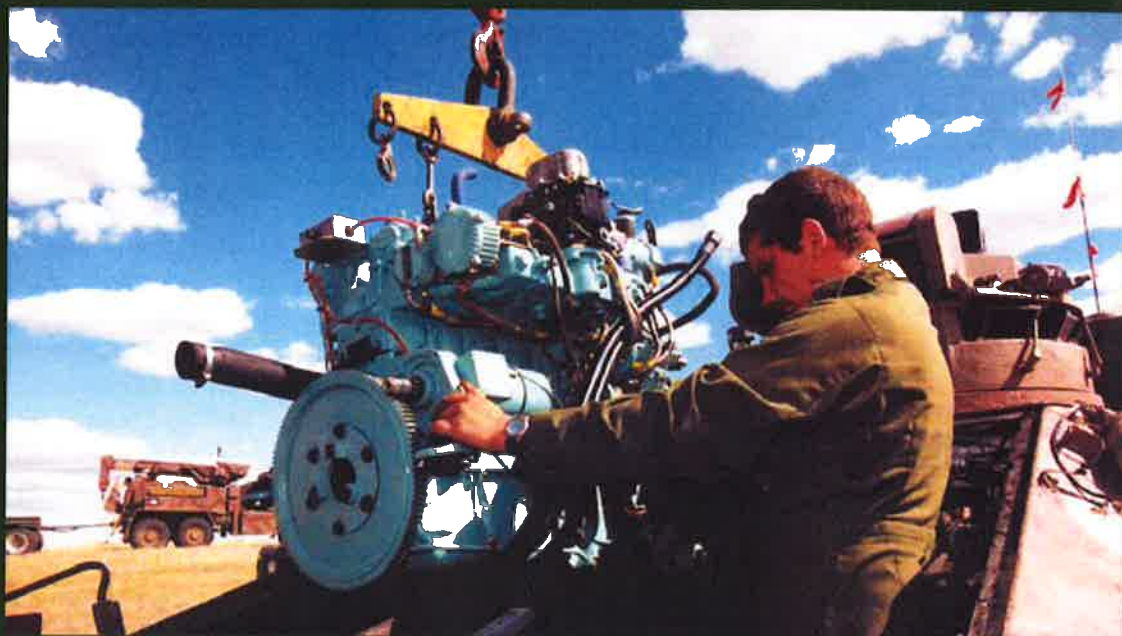


ENGINEERING

The Army uses all kinds of equipment, vehicles and electronic systems. Building, maintaining and fixing it all is down to Army Engineers – specialists who are always up to the challenge.



ENGINEERING > VEHICLE MECHANIC

VEHICLE MECHANIC ROYAL ELECTRICAL & MECHANICAL ENGINEERS

EME540A/549A JE Updated April 2010

Maintains, fixes and solves problems in Army vehicles as well as mechanical and electrical equipment

AT A GLANCE

ROLE Regular Soldier
TERRITORIAL ARMY
OPTION No
SEX Male/Female
AGE RANGE 16 – 17 yrs
 1 mth
MIN SERVICE 4 yrs
QUALIFICATIONS
REQUIRED GCSEs
MIN GRADE D in
 Mathematics, Double
 Science and English
 Language

The job

Ensuring the Army can work to its maximum effect is a huge job, which is why REME soldiers are among the most highly skilled in the entire organisation. Vehicle Mechanics make sure all equipment is in full working order, ready for use at a moment's notice.

The right job for me?

Evidence of manual dexterity, particularly in the use of hand tools and precision measuring equipment, is an advantage. Potential mechanics must be ready for high levels of academic and practical training.

What skills will I learn?

■ Working out what's gone wrong with military equipment and then fixing it. From small

generators and motorcycles, through to either heavy armoured vehicles that run on tracks or light tracked and wheeled vehicles.

- Basic engineering principles as well as repair techniques for specialist equipment.
- Vehicle Mechanics operate from specialist vehicles all over the battlefield and in purpose-built facilities. We will teach you to work in every conceivable environment, working long hours, in bad weather and hazardous conditions including hostile environments.

What training will I do?

■ Initial training

Your military career will start with 23 weeks at the Army Technical Foundation College (ATFC) Winchester in Hampshire. You will learn military skills such as foot drill, how to handle

ENGINEERING

VEHICLE MECHANIC ROYAL ELECTRICAL & MECHANICAL ENGINEERS

and fire a weapon, how to live and work in the open and how to tackle an assault course, as well as developing your stamina and fitness. You will be stretched further than you thought possible and toughen up both physically and mentally. In addition to your military training you will take part in an education package, adventurous training (climbing, abseiling and similar activities) and sport. Although the training at ATFC is hard work, you will remember it for the rest of your career as a soldier, and at the end of it all you will take your place in the Passing Out parade in front of an invited audience of parents, relatives and friends.

■ Further training

Next you will move on to the School of Electrical and Mechanical Engineering (SEME) at Bordon, Hampshire. Here you will carry out your trade training, starting with a five-week Foundation Course to confirm your suitability for training as a Vehicle Mechanic. Those who find it hard to meet the required standard or wish to change career path may be given a choice of alternative employment, either within the REME or with another Arm or Service. On successful completion of the Foundation Modules you will be invited to train as either a VM(A) or a VM(B). In either case, your training will cover basic engineering skills and in-depth vehicle technology. These will include:

■ Theoretical knowledge

Down to component level, and practical application of repair techniques up to major assemblies.

■ The VM(A)

Additional training on the Challenger 2 main battle tank and the Infantry's Warrior armoured fighting vehicle.

■ The VM(B)

Additional training on the light tracked 430 series armoured personnel carrier and CVRT Reconnaissance vehicle.

Technical training for a Vehicle Mechanic takes about 20 working weeks. This is followed by a further period of about nine weeks of driver training, where you will be trained to drive different vehicles including Large Goods Vehicles, gaining a Cat C & E licence. Training

time does not include time spent on leave, recess duties or adventurous training. Every graduation in Class is accompanied by an increase in both salary and responsibility.

What qualifications can I get?

Increased qualifications come with further training or courses undertaken. These are:

- Initial trade training (Phase 2): Level 2 Apprenticeship in Engineering, equivalent to five GCSE passes at grades A to C.
- Class 2 to 1 upgrade course: Level 3 Advanced Apprenticeship in Engineering, equivalent to three A level passes at grade C.
- Artificer course: the Business and Technical Education Council (BTEC) Higher National Diploma in Engineering.

What future prospects and transferable skills will I have?

The skills and knowledge of the Army's mechanics and engineers are highly sought after in the private sector. Your discipline and training will hold you in good stead if and when you return to civilian life. Within the Army, the route of Artificer is the REME's equivalent of a fast track to promotion, with improved pay and prospects. It's open to all technical and electro-mechanical trades. As a REME soldier you can also volunteer for the Special Forces. This is only available to those who demonstrate exceptional aptitude and skill.

Find out more

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ENGINEERING

VEHICLE MECHANIC ROYAL ELECTRICAL & MECHANICAL ENGINEERS

For Recruiter

JOBNUM: EME540A/549A JE
JOB TITLE: VEHICLE MECHANIC
AMENDED: March 2010

GOLDEN HELLO:
 Yes

SECURITY REQUIREMENTS:
BC:
SC: No

JOB DESCRIPTION:

The Vehicle Mechanic (VM) is responsible for the repair or replacement of the mechanical parts fitted to all types of Army vehicles, mechanical and electrical equipment. This includes motorcycles, cars, wheeled and tracked armoured vehicles, mechanical handling equipment and various types of generators. The trade of VM is split into VM(A) and VM(B), working respectively with heavy tracked vehicles and with light tracked and wheeled vehicles. The more experienced Class 1 VM, both (A) and (B), are responsible also for the inspection and modification of these vehicles.

Selection criteria

MEDICAL/PHYSICAL:

MIN HEIGHT: 1.58m
MIN WEIGHT: N/A
MIN AGE: 16
MAX AGE: 17.1
COLOUR PERCEPTION: 3
GLASSES PERMISSIBLE: Yes

PSS(R) STANDARDS:

SL: 35 **CA:** 90 **LM:** 15 **RUN:** 5

TEST STANDARDS:

MIN GTI: 48 **MIN TST:** 16 **MIN BSIA:** 0

DRIVING LICENCE RESTRICTIONS:

Max penalty points under 21: 0
Max penalty points over 21: N/A

MANDATORY ACADEMIC QUALIFICATIONS:

EXAM: GCSE
SUBJECT: Maths, Science, English Language
MIN GRADE: D

Contact:

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