



Australian Government

AUMGTB011 Assemble, install and test braking system kits

Release: 1

AUMASA011 Apply safe work practices in the automotive manufacturing environment

Modification History

Release	Comment
Release 1	New unit of competency

Application

This unit describes the performance outcomes required to assemble, install and test a vehicle braking system kit and its associated components.

It applies to individuals in an automotive manufacturing environment and involves the application of skills and knowledge at a specialist level.

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

Unit Sector

Technical - Brakes

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Plan the job	1.1 Determine installation process using work order and job specifications 1.2 Identify, select and inspect braking system components to be installed 1.3 Select tools and equipment required for the job and check for safe operation 1.4 Access assembly and installation information from manufacturer specifications
2. Assemble and install braking system kit	2.1 Carry out assembly and installation activities according to workplace procedures 2.2 Assemble braking system kit, referring to appropriate sources of information

Elements	Performance Criteria
	2.3 Install braking system kit using installation procedures that comply with manufacturer specifications, tolerances and adjustment requirements
3. Test braking system	3.1 Access and interpret test information from manufacturer specifications 3.2 Carry out system tests and inspection according to manufacturer specifications or workplace procedures 3.3 Record braking system assembly and test results
4. Complete work processes	4.1 Clean tools and equipment, inspect for defects and store according to workplace procedures 4.2 Identify, tag and report faulty tools and equipment according to workplace procedures 4.3 Complete workplace documentation according to workplace procedures

Foundation Skills

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

Skills	Description
Reading skills to:	- identify workplace procedures and work health and safety (WHS) requirements - interpret job instructions and braking system manufacturer specifications - follow assembly specifications.
Writing skills to:	- legibly record braking system test results - complete faulty equipment tags.
Numeracy skills to:	measure components and equipment to determine compliance with specifications.
Oral communication skills to:	refer tool, equipment and machinery faults to supervisor.
Planning and organising skills to:	- identify and prepare braking system kits - identify and prepare assembly equipment and work area - conduct braking system tests.
Problem-solving skills to:	solve problems when braking system tests do not comply with specifications.

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AUMGTB011 Assemble, install and test braking system kits	AUMGTB001 Assemble, install and test braking system kits	Additions to Assessment Requirements due to rationalisation of Range of Conditions. Minor changes to ensure policy adherence. Addition of multi-combination braking system compatibility to knowledge evidence.	Equivalent

Links

Companion Volume Implementation Guides are found in VETNet -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=bd587669-08b3-4cd5-85f0-f9fa0c6304c1>