

Unit Standards 23818

Demonstrate knowledge of braking system fault diagnosis and repair requirements for light vehicles

Level 3 Credit 3 v1

Student Name:

School:

Date:

Marked By: _____ **Mark** _____ **%**

Feedback: **Excellent work**

Good work

Please attempt all questions

Please resubmit

USEFUL WEBLINKS

Brake Systems

http://youtu.be/bMg_j5_AGMg

<http://youtu.be/VxLTDtaRCZk>

Drum Brakes

<http://youtu.be/bnc3VnQ8kUY>

Disc Brakes

<http://youtu.be/Mmls5foCor0>

Brake Shoes

<http://youtu.be/g4HqLoDjVRA>

Master Cylinder

<http://youtu.be/HPXBDuRgxG0>

<http://youtu.be/zd18NcTDCLU>

Combination Valve

<http://youtu.be/PIElcEGjfd8>

<http://youtu.be/pRtJlQwZjWk>

Vacuum booster

<http://youtu.be/Q26W1HCWOjk>

Friction

<http://youtu.be/uEGxfRoEq64>

Hydraulic Principles

<http://youtu.be/VxLTDtaRCZk>

Wheel Cylinder

http://youtu.be/j_FI8FAUnv8

Hand/Park Brake

<http://youtu.be/vONdCQdHOHY>

ABS

<http://youtu.be/P5wc19MzCbk>

Electronic Braking

<http://youtu.be/UpP6WYKrtS4>

Traction Control

<http://youtu.be/LXwNllw0CLQ>

Brake By Wire

<http://youtu.be/-GhdEMK74x4>

Brake Fluid

<http://youtu.be/IHiIWLxQkBo>

http://youtu.be/_Z1ctiw0Uck

http://youtu.be/GPi5q3_liYU

Air Brakes

<http://youtu.be/-R7J9BIjNEw>

<http://youtu.be/3mrUMTP4thI>

Exhaust Brakes

<http://youtu.be/g9CZbe4TCSU>

Spring Brakes

<http://youtu.be/ytSVUllnq0A>

Motorcycle

<http://youtu.be/7puLlrmIPzc>

<http://youtu.be/IUjTVzHlrXE>

<http://youtu.be/BBhxjIkRFCw>

23. What is the procedure for testing the operation of a brake booster?

24. What must a vehicle have when brakes have been modified from standard?

25. Where can the legislative requirements for brake testing be found.



NZQA accredited and registered provider

www.feds.co.nz



473 Te Rapa Road, PO Box 10-244, Hamilton 3241
phone 07 849 9828 | gateway@fairviews.co.nz