

Top tips for Smart Braking Systems

For Drivers

- Make sure that the trailer ABS/EBS connecting cables are plugged in and locked into place on all connected units.
- Switch on the ignition and observe the ABS/EBS warning lamps. The trailer warning lamps should light up for approximately 2 seconds and then go out.
- If the trailer warning lamp does not switch on, perform a cycle test by turning the ignition key to the indent position and listening for the trailer ABS valves.
- Getting full air pressure to the rear trailer in a road train takes a lot longer than you may think.
- They will audibly click in sequence if the power supply is present then the fault warning lamp or fuse need to be reported. If there are no audible clicks, then the trailer ABS/EBS power supply must be checked and repaired.
- If the trailer warning lamp remains on, you can perform a driving check by exceeding 7KMPH. If the warning lamp remains on after the driving check, then there is possibly an active fault in the trailer EBS system and will need diagnosing in the workshop.
- The most common fault is for low air supply in the main trailer air tanks. Allow sufficient time for all trailers to charge the air tanks and the active in can yellow warning lamp should go out within a few minutes.

In the Workshop

- If a driver reports an active ABS/EBS red warning lamp in the cab diagnosis using a laptop with software for the appropriate brand of EBS system is required.
- Connect the EBS systems to the diagnostic software and identify active faults via Diagnostic memory tabs.
- Save the active fault codes as a PDF before clearing for record keeping.
- Clear all memory faults and save fault free PDF for record keeping. Red Active faults need resolving and repairing- once repaired save fault free memory log as a PDF for record keeping.
- Incorporate regular EBS diagnostic health checks as part of your standard service regime. Change your service job cards to include EBS checks.
- Only use OE quality cables, sockets, plugs and valves. What goes on and comes off the same original part must go back on!

For Fleet/Equipment Managers

- Ensure your new trailers has a EBS Data Label affixed to the side of the chassis rail- preferably LHS of the trailer
- Ensure your trailers have had a EBS system end of line test completed- require the test report at handover of all new trailers
- Ensure all connecting EBS plugs and sockets are in good working order and connecting cables have been supplied.
- Ensure the new trailers have no active faults at time of delivery.



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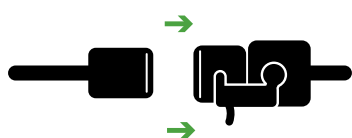
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Driver's Top Tips for Smart Braking Systems



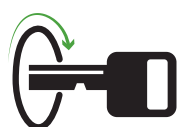
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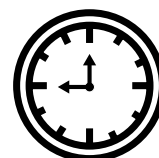
7km/h



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Workshop Top Tips for Smart Braking Systems



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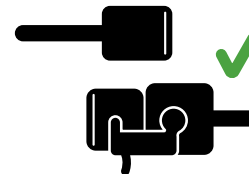
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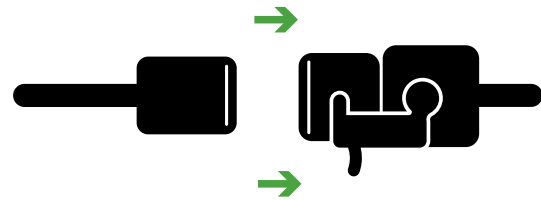
Top Tips for Smart Brakes when buying new trailers



- Ensure your new trailers has an EBS Data Label affixed to the side of the chassis rail- preferably LHS of the trailer.



- Ensure all connecting EBS plugs and sockets are in good working order and connecting cables have been supplied.



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- Ensure the new trailers have no active faults at time of delivery.



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