



DEXTER DSC Sway Control System Instruction Manual

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DEXTER DSC Sway Control System



Product Information

Specifications

- **Product Name:** Dexter Sway Control (DSC)
- **Patents:** US Patent No.: US 9,026,311B1, Australia Patent No.: 2014204434 / 2016204948
- **Website:** alko.com.au

Introduction

The Dexter Sway Control (DSC) is a trailer-mounted device designed to provide enhanced stability and control while towing a trailer or caravan. This user manual provides detailed instructions on the installation, wiring, and operation of the DSC system.

Product Usage Instructions

DSC Trailer Mounting

Before installing the DSC, ensure you have the necessary mounting hardware and tools. Follow the steps below for proper trailer mounting

1. Choose an appropriate mounting location on the trailer.
2. Securely attach the DSC using the provided mounting hardware.

DSC Mounting Location

The DSC should be mounted in a position that allows it to effectively control sway and improve stability. Consider the following guidelines when selecting a mounting location

- Mount the DSC as close to the trailer's axle as possible.
- Ensure the DSC is securely fastened to the trailer frame.

Mounting Hardware

The DSC comes with all the necessary mounting hardware. Follow these steps to install the DSC using the provided hardware

1. Position the DSC in the desired mounting location.
2. Align the mounting holes on the DSC with the corresponding holes on the trailer frame.

3. Insert the included bolts through the holes and tighten them securely using a wrench or socket set.

DSC Wiring – Power from Trailer Battery

The DSC requires power from the trailer battery to function properly. Follow these steps to connect the DSC to the trailer battery

1. Locate the trailer battery and ensure it is fully charged.
2. Identify the positive (+) and negative (-) terminals on the battery.
3. Connect the positive (+) wire from the DSC to the positive (+) terminal of the trailer battery.
4. Connect the negative (-) wire from the DSC to the negative (-) terminal of the trailer battery.

Trailer Battery

The trailer battery provides power to various components of the trailer, including the DSC. Ensure the trailer battery is properly installed and maintained. Follow these guidelines

- Regularly check the battery's charge level and recharge if necessary.
- Keep the battery terminals clean and free from corrosion.

Ground Connections

The DSC requires a solid ground connection to function correctly. Follow these steps to establish proper ground connections

1. Identify a suitable grounding point on the trailer frame.
2. Ensure the grounding point is clean and free from rust or paint.
3. Attach the ground wire from the DSC to the grounding point using a suitable connector or bolt.

12 Volt Connections

The DSC system utilizes 12-volt connections to power its various components. Follow these steps to establish the necessary connections

1. Identify the 12-volt power source on the trailer.
2. Connect the appropriate wires from the DSC to the 12-volt power source using suitable connectors.

Electric Brake (Blue) Wire Connections

The DSC is equipped with an electric brake wire (blue) that needs to be connected to the trailer's electric brake system. Follow these steps

1. Locate the electric brake system on the trailer.
2. Connect the blue wire from the DSC to the corresponding wire or terminal of the electric brake system.

Left and Right Brake Wires

The DSC has separate wires for the left and right brakes of the trailer. Follow these steps to connect the brake wires

1. Locate the left and right brake wires on the trailer.
2. Connect the corresponding wires from the DSC to the left and right brake wires of the trailer.

Wiring Connections to Trailer Plug and System Overview

The DSC is designed to work in conjunction with the trailer's plug and electrical system. Follow these steps for proper wiring connections

1. Identify the wiring connections on the trailer plug.
2. Connect the appropriate wires from the DSC to the corresponding terminals of the trailer plug.

DSC Wiring Harness

The DSC comes with a wiring harness that simplifies the installation process. Follow these steps to connect the DSC using the provided wiring harness

1. Attach the wiring harness to the DSC unit.
2. Route the wiring harness along the trailer frame, ensuring it is secured and protected from damage.
3. Connect the appropriate wires from the wiring harness to the corresponding components of the trailer.

Functional Wiring Check

After completing the wiring connections, perform a functional check to ensure proper operation of the DSC system. Follow these steps

1. Turn on the trailer's power supply.
2. Activate the brakes and observe if the DSC functions as intended.

The DSC Status Light

The DSC is equipped with a status light that provides visual feedback on its operation. Familiarize yourself with the different status light indications

- **Solid Green Light:** Indicates that the DSC is operational and functioning correctly.
- **Blinking Green Light:** Indicates that the DSC is actively controlling sway and providing stability.
- **Solid Red Light:** Indicates a fault or issue with the DSC. Refer to the troubleshooting section of the manual for further instructions.

DSC Wiring – Power from Vehicle

In addition to power from the trailer battery, the DSC can also be powered by the vehicle. Follow these steps for power connection from the vehicle

1. Identify a suitable power source on the vehicle.
2. Connect the appropriate wires from the DSC to the power source using suitable connectors.

DSC Power from Vehicle

When using power from the vehicle, ensure the power source is compatible and can adequately supply the required voltage and current for the DSC.

Ground Connections

Similar to the trailer installation, establish proper ground connections when powering the DSC from the vehicle

1. Identify a suitable grounding point on the vehicle frame.
2. Ensure the grounding point is clean and free from rust or paint.
3. Attach the ground wire from the DSC to the grounding point using a suitable connector or bolt.

12 Volt Connections

Follow the same steps as mentioned in the “12 Volt Connections” section for connecting the DSC to the vehicle’s 12-volt power source.

Electric Brake (Blue) Wire Connections

If your vehicle is equipped with an electric brake system, follow the steps mentioned in the “Electric Brake (Blue) Wire Connections” section to connect the DSC’s blue wire to the vehicle’s electric brake system.

Left and Right Brake Wires

Similar to the trailer installation, connect the DSC’s left and right brake wires to the corresponding wires of the vehicle’s brake system.

Wiring Connections to Trailer Plug and System Overview

If your vehicle is towing a trailer with its own plug and electrical system, follow the steps mentioned in the “Wiring Connections to Trailer Plug and System Overview” section to connect the DSC to the vehicle’s trailer plug.

DSC Wiring Harness

If provided, use the wiring harness for easier installation. Follow the steps mentioned in the “DSC Wiring Harness” section for connecting the DSC using the provided wiring harness.

Functional Wiring Check

Perform a functional check after completing the wiring connections to ensure the DSC system operates correctly. Follow the steps mentioned in the “Functional Wiring Check” section.

The DSC Status Light

The DSC status light indications are the same as mentioned in the “The DSC Status Light” section of the trailer installation instructions.

FAQ (Frequently Asked Questions)

- **Q: Where can I find genuine Dexter replacement parts?**
 - A: Genuine Dexter replacement parts, including magnets, seals, and complete brake and hub kits, are available from our dedicated customer support and network of distributors. Most products are stocked and can be found on our **website: alko.com.au**.
- **Q: How do I find the nearest distributor for Dexter axles and components?**
 - A: You can find the nearest distributor for Dexter axles and components in Australia and New Zealand by visiting our **website: alko.com.au**. Check our distributor

Genuine Dexter Parts

From magnets and seals to complete brake and hub kits, Dexter offers a complete line of genuine replacement parts for your trailer or caravan. Most products are available in-stock. With dedicated customer support, quick turnaround and support network helps keep you and your trailer or caravan going.

- Hub Components
- Brake Components
- Suspension Components
- Complete Hub Kits
- Brake Assemblies & Kits
- Brake Controller & Brake Actuators



Genuine Dexter axles and components are distributed throughout Australia and New Zealand from our network of distributors. Check our web site for the distributor nearest you.

Visit alko.com.au for more information

Intro duction

- Dexter is proud to put control and peace of mind in towing a trailer, horse float or caravan back into your hands with the Dexter Sway Control System. This innovative safety device automatically stabilises the sway of a trailer. It works independently of the tow vehicle and automatically applies the trailer or caravan brakes in the event of a sway.
- As you are driving, the Dexter Sway Control System is constantly monitoring trailer yaw, or side-to-side movement, quickly recognising and adjusting for sway conditions.
- This manual is designed to provide information for you to understand, use, and guide you through the process of installing, operating, and maintaining your Dexter Sway Control System

Dexter Sway Control Mounting

CAUTION

This is the safety alert symbol. It is used to alert you to potential injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

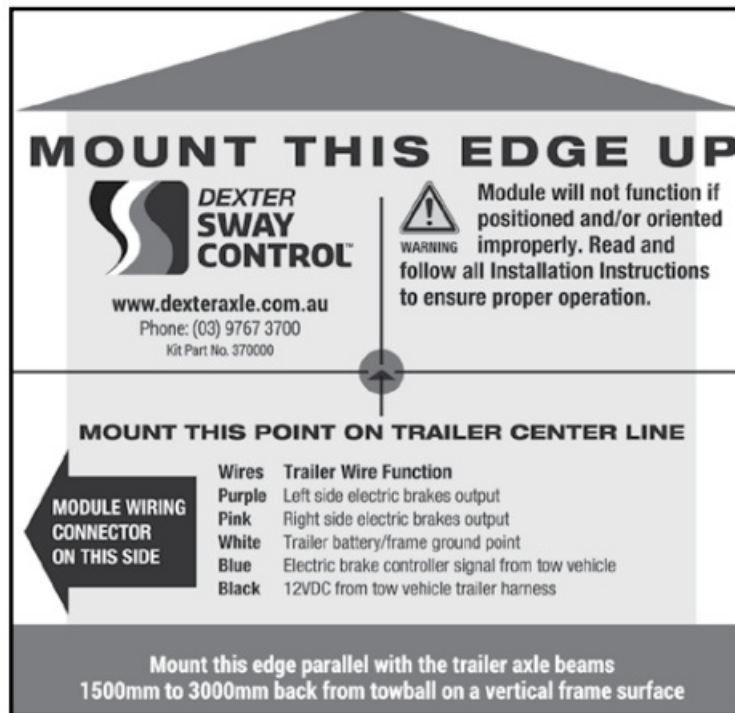
CAUTION

The Dexter Sway Control should only be installed by a certified DSC technician

DSC Trailer Mounting

DSC Mounting Location

Select a location on the trailer to mount the DSC. The location must be between 1500mm to 3000mm behind the towball and shielded from road between 1500mm to 3000mm behind the towball and shielded from road debris. The DSC must be securely fastened onto a vertical surface that does not flex or move from wind, such as plastic covers or plastic walls. The center of the DSC (marked by a red dot on the DSC label shown below) must be positioned on the "center line" of the trailer and the DSC must be mounted with the correct side in the UP direction as indicated on the label. The longest edge of the DSC (as indicated by a red line on the label) must be mounted parallel the trailer axle beams). See Figure 1



It is essential that the DSC be oriented in the proper direction when it is installed.

CAUTION

Ensure the electric brakes are adjusted and maintained in accordance with the manufacturer's recommendations in your owner's manual for proper operation of the sway control module.

Mounting Hardware

The DSC should be mounted using the mounting flanges which are located on both sides of the unit. Included are six (6) self-tapping screws, four (4) 3/16" x 18mm hexagon head screws to mount the DSC to the trailer and two (2) 9/64" x 18mm button head screws to mount the Status Light Module. You must securely tighten the mounting screws to hold the DSC firmly in position and to avoid becoming loose from vibration.

You must NOT drill holes in the DSC for any reason. Drilling holes or puncturing the unit **VOIDS YOUR WARRANTY**

CAUTION

Do not spray high pressure water on the DSC. The DSC is a weather sealed water resistant unit, but it is not designed to withstand direct high pressure spray from a power washer.

Dexter Sway Control Mounting

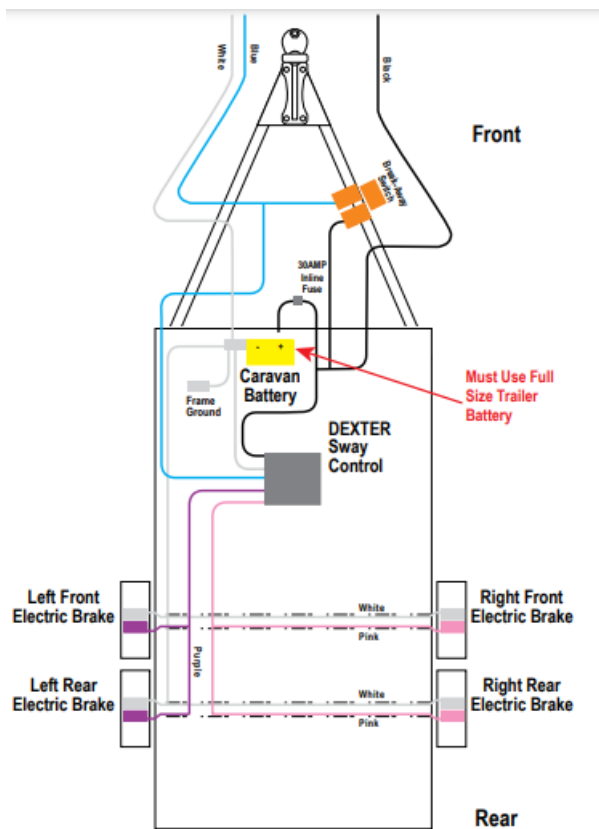


Figure 3

Ground Connections

The DSC ground (white) wire **MUST** be directly ground to the trailer house battery negative terminal with 14 gauge wire (min.) (or 5mm automotive wire). The Tow vehicle ground, Trailer frame ground, electric brake ground wires on both sides of the trailer, must all be securely connected together with 14 gauge wire (min.) (or 5mm automotive wire) in order for the DSC to function properly.

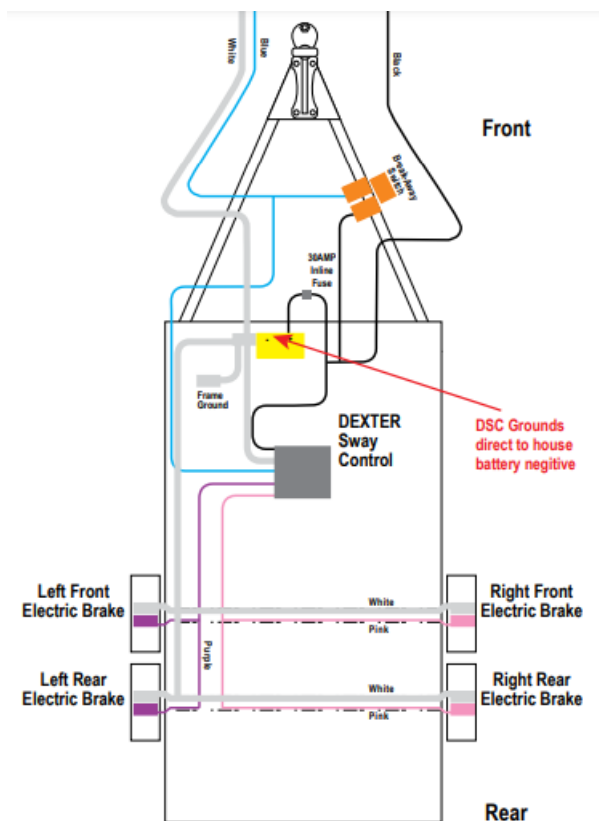


Figure 4

12 Volt Connections

The tow vehicle 12 volt charge line, the 12 volt trailer battery terminal and the DSC 12 volt (black) wire must be securely connected together with 14 gauge wire (min.) (or 5mm automotive wire) in order for the DSC to function properly. The “hot” wire from the breakaway switch must be connected to the +12V terminal of the trailer battery. A 30 amp in line fuse must be wired in the +12V supply line as shown in the figure 4...

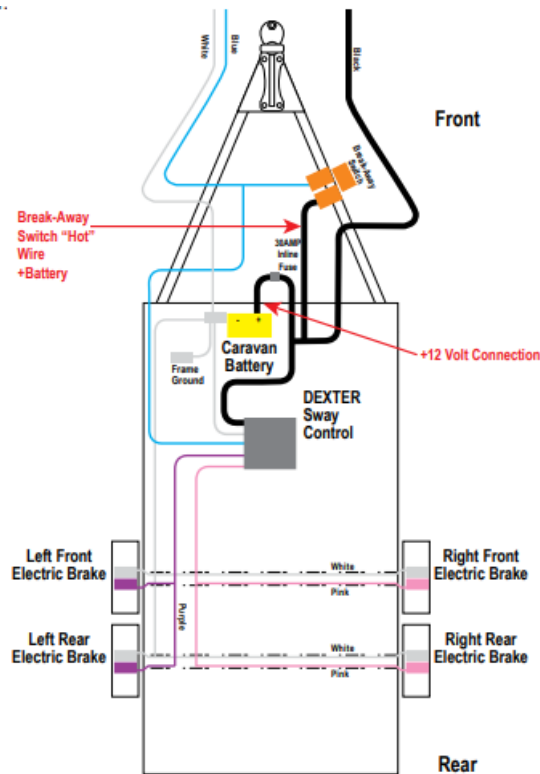


Figure 5

Electric Brake (Blue Wire) Connections

The tow vehicle brake controller signal (blue) wire must be securely connected to the DSC signal (blue) wire as well as to the “cold” wire from the breakaway switch as shown in the wiring diagram.

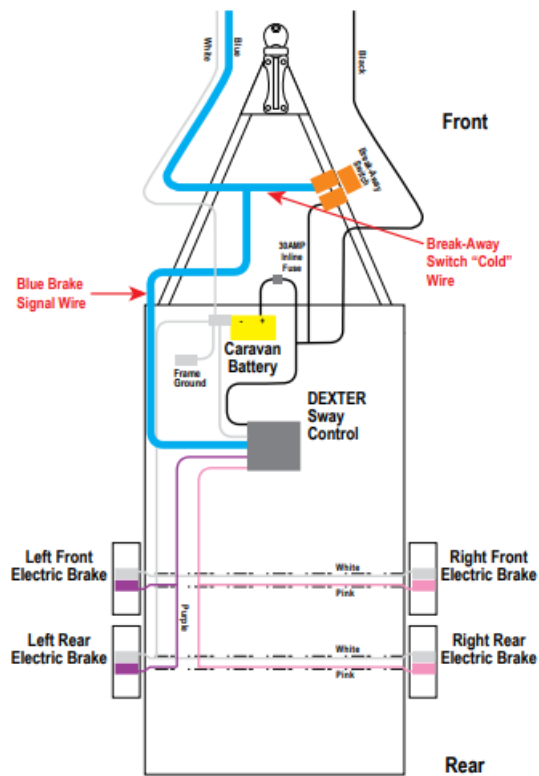


Figure 6

Left and Right Side Brake Wires

The DSC operates the left and right side trailer brakes independently in order to control trailer sway and therefore it is very important that the correct DS wires are connected to the correct side brakes. The DSC purple wire must be connected to the left side electric brakes with a 14 gauge (min.) wire (or 5mm automotive wire). The DSC pink wire must be connected to the right side electric brakes with a 14 gauge (min.) wire (or 5mm automotive wire). Failure to properly connect these wires will prevent the DSC from controlling trailer sway.

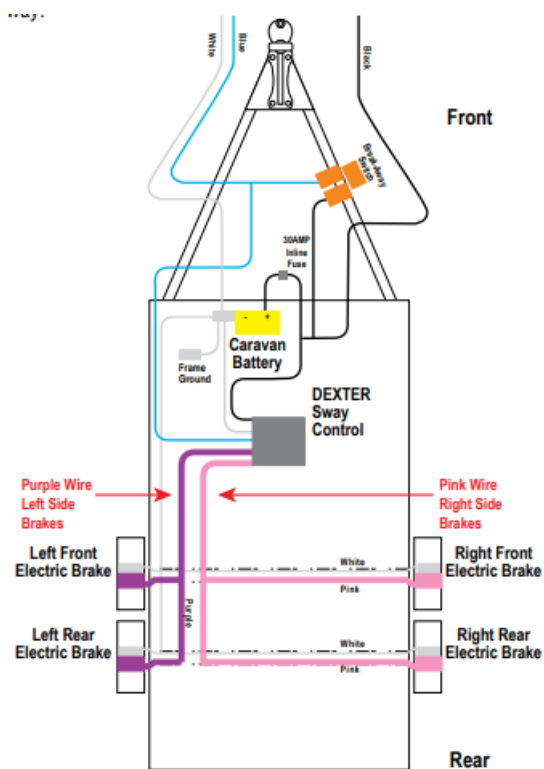


Figure 7

Wire Connections to Trailer Plug and System Overview

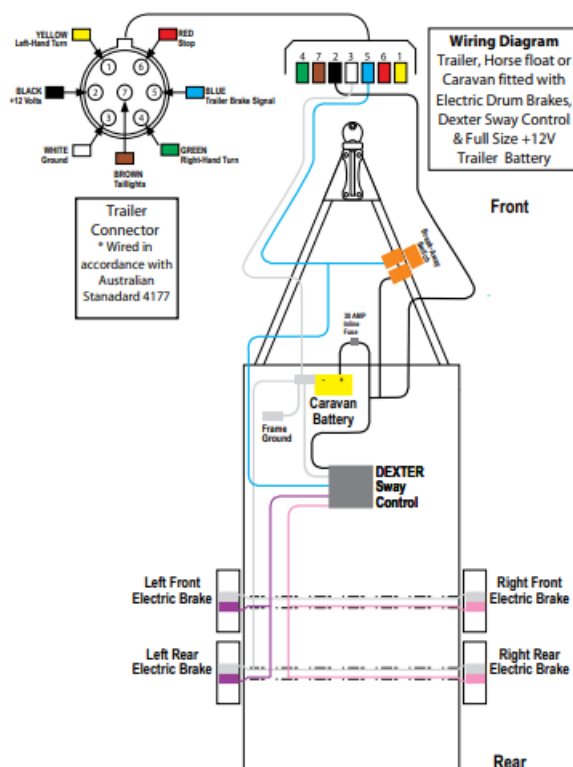


Figure 8

DSC Wiring

Power from Trailer Battery

The trailer must be equipped with a full size 12 volt battery. Small, gel-cell type batteries must not be used with the DSC.

Purple Wire	Left side electric brake output (all left side brakes)	14 Gauge Minimum (or 5mm Automotive wire)
Pink Wire	Right side electric brake output (all right side brakes)	14 Gauge Minimum (or 5mm Automotive wire)
White Wire	Trailer/Caravan battery/frame ground point	14 Gauge Minimum (or 5mm Automotive wire)
Blue Wire	Electric brake controller signal from tow vehicle	14 Gauge Minimum (or 5mm Automotive wire)
Black Wire	12VDC from trailer/caravan battery harness	14 Gauge Minimum (or 5mm Automotive wire)
Black Wire	3 mt wire with a two pin connector on the end that plugs into the LED status light	Included in kit

The 14 gauge wires of the DSC wiring harness are approximately 300mm long to allow for flexibility when mounting the unit. Extensions will be required to connect unit to the trailer's electrical wiring. When making connections to the trailer's wiring harness, the desired termination is a solder joint. If the connection is not

soldered, use the appropriate size and type of “crimp-type” weather sealed heat-shrink connectors, using the manufacturer’s recommended crimping tools in accordance with their crimping instructions. Once the 14 gauge wires are connected, route the Status Light wire to a location on the front of the trailer and mount the Status Light Module onto a flat surface using self-tapping screws. Select a location that makes it easy to see the Status Light when looking at the front of the trailer.

NOTE: For 14 gauge wire, 5mm auto wire is suitable.

Taking shortcuts when connecting any wires on your trailer only increases the likelihood that some part of your electrical system will fail. Make sure your soldered connections are durable and sealed against exposure to water and corrosive elements. One loose wire connection can disable your entire trailer brake system. When adding extension wires to the DSC wiring harness, you must use the correct gauge wire. These gauge sizes are outlined in the table

CAUTION

Failure to use the correct gauge wire may result in poor braking performance or brake failure. Improper wire gauge may also result in significant damage to your trailer or its components, cause a fire, which may result in serious or fatal injury and/or property damage. Undersized wire will prevent electrical circuit protection devices such as fuses or circuit breakers from functioning properly. Undersized wire may melt or burn before these safety devices can be activated.

Final Wiring Check

1. LEFT SIDE / CURB SIDE

Refer to Figure 1 on page 5 to verify correct wiring on the left side of the trailer. Ensure that ONLY the PURPLE and WHITE wires are connected to the left side trailer brakes wired in parallel and not in

series.

RIGHT SIDE / DRIVER SIDE

Refer to Figure 7 on page 11 to verify correct wiring on the left side of the trailer. Ensure that ONLY the PINK and WHITE wires are connected to the left side trailer brakes wired in parallel and not in series.

CAUTION

It is very important that the trailer brake controller wire from the tow vehicle (blue wire) is ONLY connected to the BLUE wire on the DSC and NOT connected directly to the trailer brakes.

Status Light

STARTUP

After performing the final brake wiring check, the DSC is ready for start-up. The operational status of the DSC is indicated by the LED status light. The DSC is in SLEEP MODE if the LED light is off (dark). The DSC will start-up (wake-up) when voltage is applied to the BLUE WIRE. Once the trailer is connected to the tow vehicle, apply the manual override on the trailer brake controller in the truck. The LED status light should begin flickering GREEN if the system is installed correctly. If the LED status light does not come on when applying the manual override on the brake controller, refer to the troubleshooting table on page 25.

The DSC Status Light Module

The DSC performs a self-diagnostic test every time it “wakes up” by receiving a signal from a brake controller in the tow vehicle. The light will flash RED and GREEN approximately six times on startup and then go to GREEN. The DSC also continually monitors system parameters during operation. If the system is operating properly and no faults are detected, the GREEN light will remain ON and flicker or pulse. If a problem is detected, a RED light will flash a specific number of times to indicate the specific problem. The following Status Light and Troubleshooting table contains the meaning of the different RED and GREEN light flashes along with

troubleshooting suggestions to correct the problem(s). The DSC continues checking the fault status and keeps the RED light flashing until the fault is corrected. Once corrected, the GREEN light returns. Note that when the trailer is not moving, every 60 seconds the GREEN light will turn off for three seconds and back on. This is normal and indicates proper operation of the DSC. If the GREEN light is not turning off and on every 60 seconds while the trailer is not moving, have the DSC checked by your local service center.

Dexter Sway Control Wiring – Power from Vehicle

Power from Vehicle

Where the trailer is not equipped with a full size 12 volt battery Power can be provided through a 50amp Anderson connection via a 30amp fuse) from the tow vehicle (Anderson plug shall be installed by a qualified auto electrician, incorrect installation may cause the DSC to function improperly)

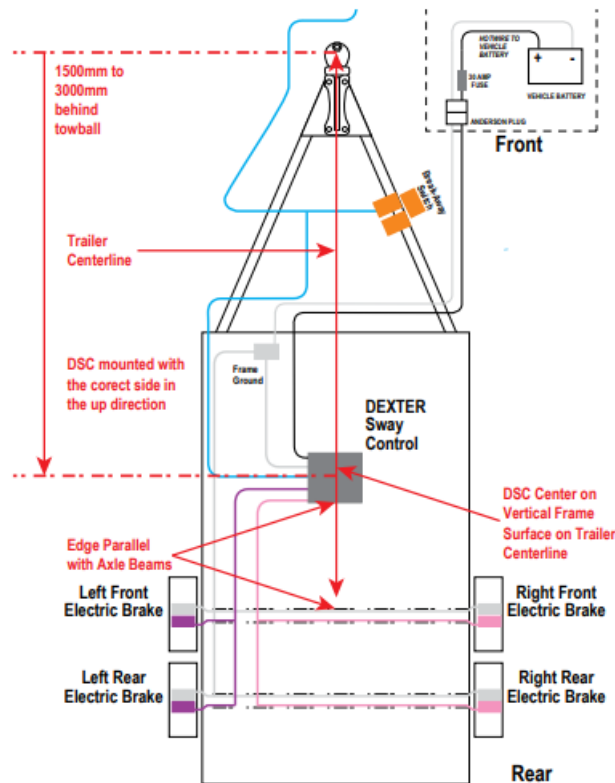


Figure 6

Ground Connections

The tow vehicle ground, trailer frame ground, DSC ground (white) wire and the electric brake ground wires on both sides of the trailer, must all be securely connected together with 14 gauge wire (min.) (or 5mm automotive wire) in order for the DSC to function properly

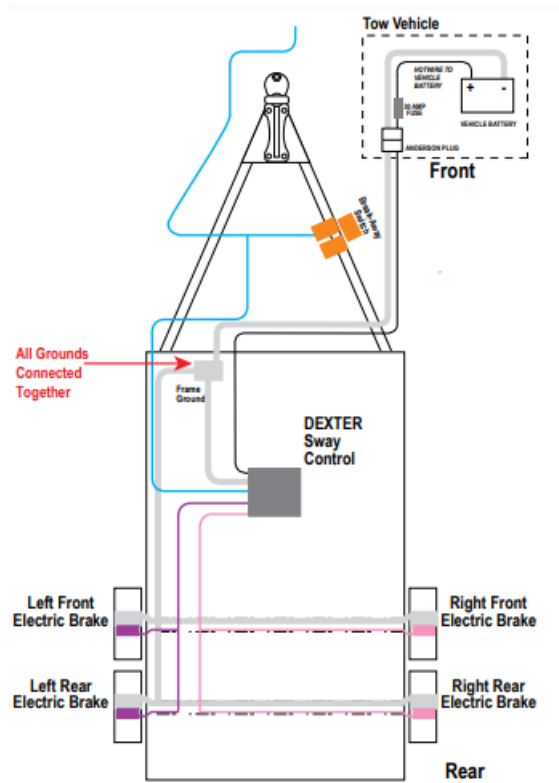


Figure 7

12 Volt Connections

The tow vehicle 12 volt charge line and the DSC 12 volt (black) wire must be securely connected together with 14 gauge wire (min.) (or 5mm automotive wire) in order for the DSC to function properly.

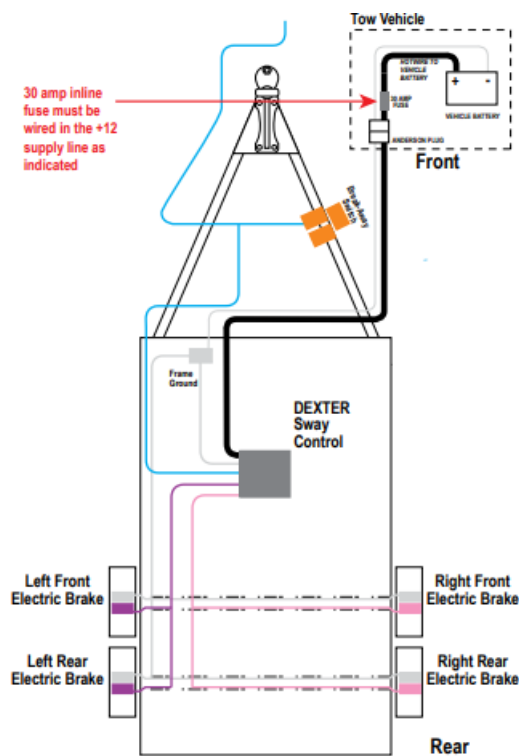


Figure 8

Electric Brake (Blue Wire) Connections

The tow vehicle brake controller signal (blue) wire must be securely connected to the DSC brake signal (blue) wire as well as to the "cold" wire from the breakaway switch as shown in the wiring diagram

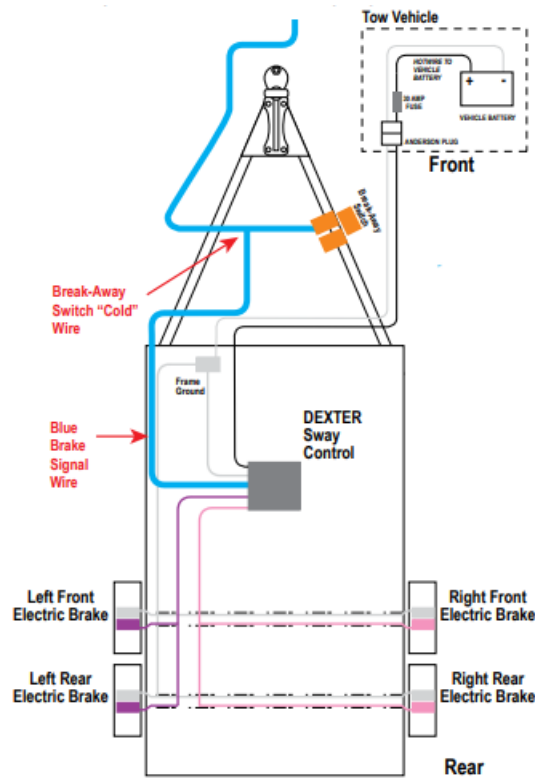


Figure 9

Left and Right Side Brake Wires

The DSC operates the left and right side trailer brakes independently in order to control trailer sway and therefore it is very important that the correct DSC wires are connected to the correct side brakes. The DSC purple wire must be connected to the left side electric brakes with a 14 gauge (min.) wire (or 5mm automotive wire). The DSC pink wire must be connected to the right side electric brakes with a 14 gauge (min.) wire (or 5mm automotive wire). Failure to properly connect these wires will prevent the DSC from controlling trailer sway.

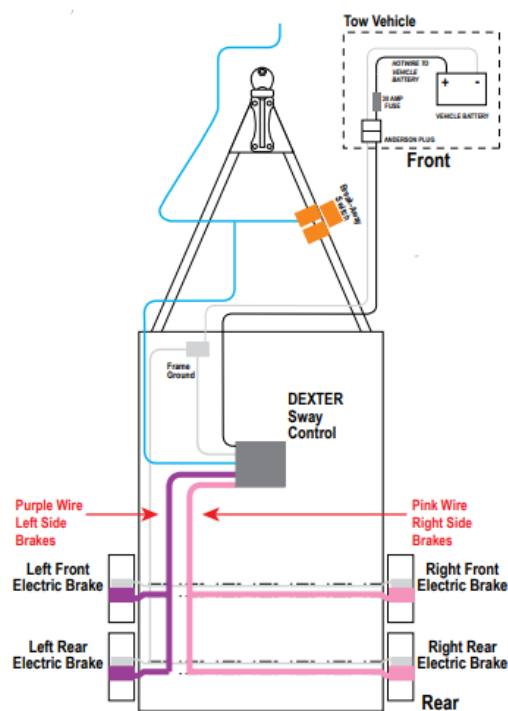
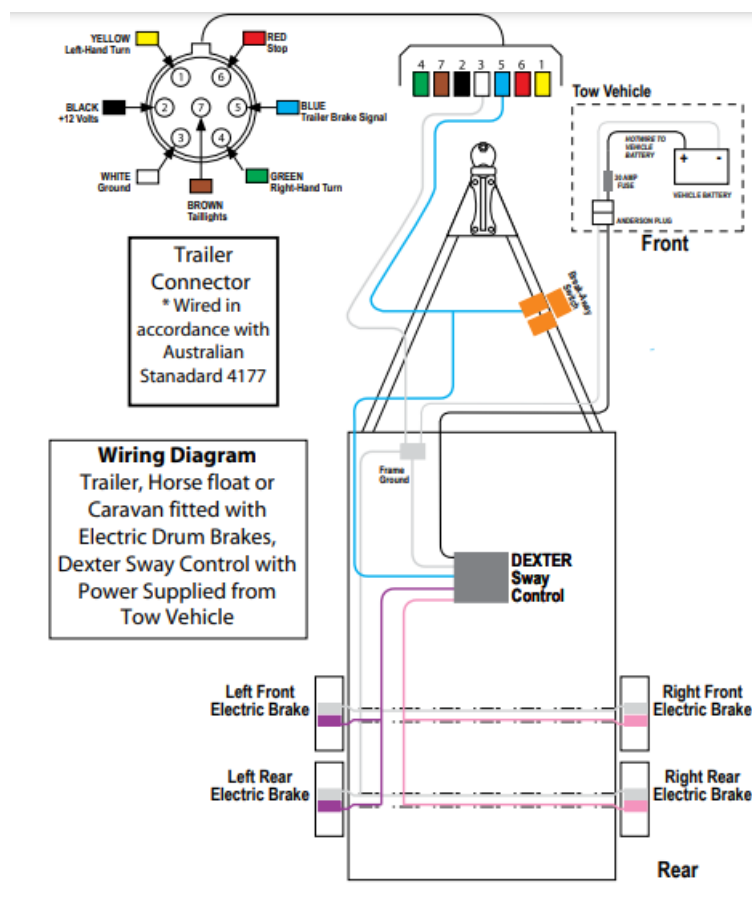


Figure 10

Wire Connections to Trailer Plug and System Overview



DSC Wiring Harness

The DSC wire harness has five wires requiring electrical connection and one

Purple Wire	Left side electric brake output (all left side brakes)	14 Gauge Minimum (or 5mm Automotive wire)
Pink Wire	Right side electric brake output (all right side brakes)	14 Gauge Minimum (or 5mm Automotive wire)
White Wire	Trailer/Caravan battery/frame ground point	14 Gauge Minimum (or 5mm Automotive wire)
Blue Wire	Electric brake controller signal from tow vehicle	14 Gauge Minimum (or 5mm Automotive wire)
Black Wire	12VDC from trailer/caravan battery harness	14 Gauge Minimum (or 5mm Automotive wire)
Black Wire	3 mt wire with a two pin connector on the end that plugs into the LED status light	Included in kit

- The 14 gauge wires of the DSC wiring harness are approximately 300mm long to allow for flexibility when mounting the unit. Extensions will be required to connect unit to the trailer's electrical wiring. When making connections to the trailer's wiring harness, the desired termination is a solder joint. If the connection is not soldered, use the appropriate size and type of "crimp-type" weather sealed heat-shrink connectors, using the manufacturer's recommended crimping tools in accordance with their crimping instructions. Once the 14 gauge

wires are connected, route the Status Light wire to a location on the front of the trailer and mount the Status Light Module onto a flat surface using self-tapping screws. Select a location that makes it easy to see the Status Light when looking at the front of the trailer.

- **NOTE:** For 14 gauge wire. 5mm auto wire is suitable.
- Taking shortcuts when connecting any wires on your trailer only increases the likelihood that some part of your electrical system will fail. Make sure your soldered connections are durable and sealed against exposure to water and corrosive elements. One loose wire connection can disable your entire trailer brake system. When adding extension wires to the DSC wiring harness, you must use the correct gauge wire. These gauge sizes are outlined in the table.
- **CAUTION** Failure to use the correct gauge wire may result in poor braking performance or brake failure. Improper wire gauge may also result in Significant damage to your trailer or its components, cause a fire, which may result in serious or fatal injury and/or property damage. Undersized wire will prevent electrical circuit protection devices such as fuses or circuit breakers from functioning properly. Undersized wire may melt or burn before these safety devices can be activated.

Final Wiring Check

1. LEFT SIDE / CURB SIDE

Refer to Figure 1 on page 5 to verify correct wiring on the left side of the trailer. Ensure that ONLY the PURPLE and WHITE wires are connected to the left side trailer brakes wired in parallel and not in series.

2. RIGHT SIDE / DRIVER SIDE

Refer to Figure 10 on page 20 to verify correct wiring on the left side of the trailer. Ensure that ONLY the PINK and WHITE wires are connected to the left side trailer brakes wired in parallel and not in series.

CAUTION

It is very important that the trailer brake controller wire from the tow vehicle (blue wire) is ONLY connected to the BLUE wire on the DSC and NOT connected directly to the trailer brakes.

Status Light

STARTUP

After performing the final brake wiring check, the DSC is ready for start-up. The operational status of the DSC is indicated by the LED status light. The DSC is in SLEEP MODE if the LED light is off (dark). The DSC will start-up (wake-up) when voltage is applied to the BLUE WIRE. Once the trailer is connected to the tow vehicle, apply the manual override on the trailer brake controller in the truck. The LED status light should begin flickering GREEN if the system is installed correctly. If the LED status light does not come on when applying the manual override on the brake controller, refer to the troubleshooting table on page 25.

The DSC Status Light Module

- The DSC performs a self-diagnostic test every time it “wakes up” by receiving a signal from a brake controller in the tow vehicle. The light will flash RED and GREEN approximately six times on startup and then go to
- GREEN. The DSC also continually monitors system parameters during operation. If the system is operating properly and no faults are detected, the GREEN light will remain ON and flicker or pulse. If a problem is detected, a RED light will flash a specific number of times to indicate the specific problem. The following Status Light and Troubleshooting table contains the meaning of the different RED and GREEN light flashes along with

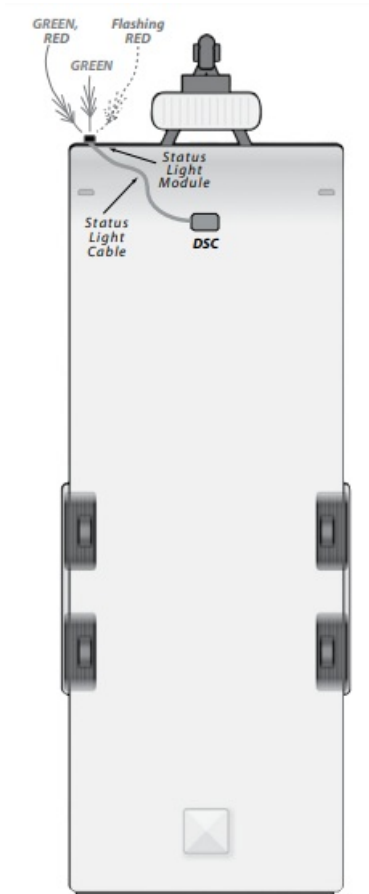
troubleshooting suggestions to correct the problem(s).

- The DSC continues checking the fault status and keeps the RED light flashing until the fault is corrected. Once corrected, the GREEN light returns. Note that when the trailer is not moving, every 60 seconds the GREEN light will turn off for three seconds and back on. This is normal and indicates proper operation of the DSC. If the GREEN light is not turning off and on every 60 seconds while the trailer is not moving, have the DSC checked by your local service center.

Status Light and Troubleshooting

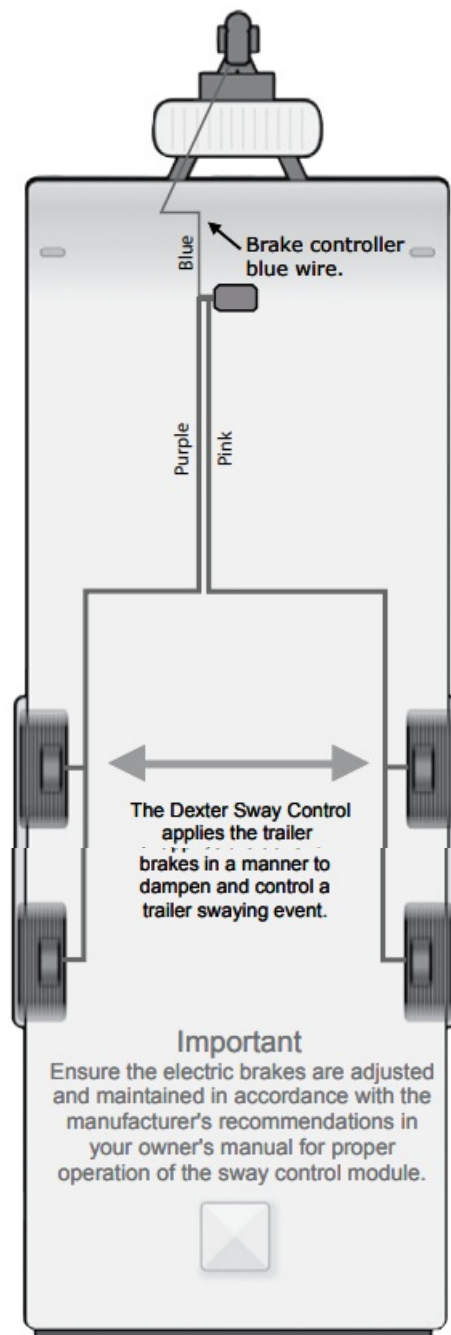
LIGHT ACTION	CONDITION	CORRECTIVE ACTION
Solid GREEN pulsing	Normal operation – no system faults	No action – system OK
GREEN flash 2 times per second	Sway control braking is active	No action – system OK
GREEN flash every 2 seconds	Firmware checksum error. Keep trailer sitting still for minimum 60 seconds, then drive normally.	If module does not return to normal solid GREEN pulsing light, have the unit checked at a service center.
GREEN flash every 4 seconds	Module reset to mfg. default values. Keep trailer sitting still for minimum 60 seconds, then drive normally.	If module does not return to normal solid GREEN pulsing light after 3 system restarts, have the unit checked at a service center.
RED, GREEN, RED, GREEN, continuing...	Sway control automatically disabled due to rough terrain	Unit will return to normal green light when not on rough terrain
No light	Unit in “sleep” mode	Activate manual override on the brake controller to “wake up” unit.
No light	No power after “wake up” from brake controller	Verify the unit has good quality power, ground and brake controller wire connections. Check for any blown fuses on the truck and trailer.
No light	Over voltage – over +20 volts	Check that power source is not exceeding 20 volts – correct voltage to 12-15 volts
No light	Low voltage – under 3 volts	Check that power source is 12-15 volts. Verify good power and ground connections
5 RED flashes	Ground wire intermittent or disconnected	Check ground wire connections to the trailer battery and tow vehicle
4 RED flashes	Brake short (right side)	Correct the short in right side brake wiring
3 RED flashes	Brake short (left side)	Correct the short in left side brake wiring

LIGHT ACTION	CONDITION	CORRECTIVE ACTION
2 RED flashes	Sensor malfunction – no sway control	Service center repair required
1 RED flash	Blue Wire Short – System malfunction	Correct the blue wire short, Service center repair may be required.
Fast RED flashing	Low voltage – between 3 to 6 volts	Check the power and ground connections



How the Dexter Sway Control Works

1. The DSC continuously monitors trailer yaw (side-to-side movement).
2. It has a proprietary algorithm which is used to determine the difference between quick steering to avoid a road obstacle (or other such circumstances) and the rapid onset of a trailer swaying event.
3. It measures the angle, travel distance and speed of the lateral motion of the trailer (and other parameters) and uses this information to quickly intervene with the application of trailer brakes.
4. The processing capability of the DSC is powerful and rapid. It captures all the critical elements of the swaying condition and uses this information to predict how the event will proceed without any driver intervention.
5. It uses this data to get ahead of the event by applying the brakes on the correct side of the trailer, in a timely manner, with the proper braking level for the required duration.
6. This quickly damps and brings the trailer sway under control.
7. The DSC is based on a similar technology principle that is used in automotive vehicle stability systems.



AL-KO INTERNATIONAL PTY LTD WARRANTY

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. AL-KO International Pty Ltd (ABN 96 003 066 813) ("AL-KO") provides the following warranty in relation to its Dexter Sway Control or DSC ("Product"). The benefits of this warranty are in addition to any rights and remedies imposed by Australian State and Federal legislation that cannot be excluded. Nothing in this warranty is to be interpreted as excluding, restricting or modifying any State or Federal legislation applicable to the supply of goods and services which cannot be excluded, restricted or modified.

Limited Warranty

WARRANTY

AL-KO warrants that, subject to the exclusions and limitations below, the Product will be free from defects in materials and workmanship for a period of 24 months from date of purchase. This warranty is not transferable to a subsequent person if the Product is sold by the original purchaser during the warranty period. If a defect appears

in the Product before the end of the warranty period and AL-KO finds the Product to be defective in materials or workmanship, AL-KO will, in its sole discretion, either

- replace or repair the Product or the defective part of the Product free of charge; or
- cause the Product or the defective part of the Product to be replaced or repaired by a qualified repairer free of charge.

AL-KO reserves the right to replace defective parts of the Product with parts and components of similar quality, grade and composition where an identical part or component is not available. Goods presented for repair may be replaced by refurbished goods of the same type rather than being repaired. Refurbished parts may be used to repair the goods.

WARRANTY CLAIMS

1. If a fault covered by warranty occurs, the customer must within 7 days contact the dealer from which the Product was purchased. or AL-KO at the contact address listed below.
2. Any warranty claim must be accompanied by
 - proof of purchase;
 - full details of the alleged defect; and
 - any relevant documentation (such as maintenance records).
3. The customer must make the Product available to AL-KO or its authorised repair agent for inspection and testing within 14 days of contacting AL-KO or the dealer in accordance with this warranty claims procedure. If inspection and testing finds no defect in the Product, the customer must pay AL-KO's costs of service work and testing.
4. The cost of transportation to or from AL-KO or the authorised repair agent is to be paid by the customer.

EXCLUSIONS

The warranty will not apply where

- the Product has been repaired, altered or modified by someone other than AL-KO or an authorised repair agent;
- the Product was improperly installed;
- AL-KO cannot establish any fault in the Product after testing and inspection;
- the Product has been used other than for the purpose for which it was designed;
- the defect in the Product has arisen due to the customer's failure to properly use and maintain the Product in accordance with AL-KO's instructions, recommendations and specifications (including maintenance);
- the Product has been subject to abnormal conditions, including environment, temperature, water, fire, humidity, pressure, stress or similar;
- the defect has arisen due to abuse, misuse, neglect or accident;
- the defect has arisen due to a power surge or other fault in the supply of electricity; or
- unauthorized parts or accessories have been used on or in relation to the Product. the defect is a deterioration of the appearance of the Product
- the defect is a result of wear & tear.

LIMITATIONS

AL-KO makes no express warranties or representations other than set out in this warranty.

The repair or replacement of the Product or part of the Product is the absolute limit of AL-KO's liability under this express warranty.

CONTACT

- AL-KO International Pty Ltd
- 67 Nathan Road, Dandenong South, Victoria, 3175
- **Phone:** (03) 9777 4500

Genuine Dexter Parts

From magnets and seals to complete brake and hub kits, Dexter offers a complete line of genuine replacement parts for your trailer or caravan. Most products are available in-stock and direct to you from the warehouse. With dedicated customer support, quick turnaround and support network helps keep you and your trailer or caravan going.

- Hub Components
- Brake Components
- Suspension Components
- Complete Hub Kits
- Brake Assemblies & Kits
- Brake Controller & Brake Actuators

Genuine Dexter axles and components are distributed throughout Australia and New Zealand from our network of distributors. Check our web site for the distributor nearest you.

- Visit alko.com.au for more information

NO PART OF THIS CATALOG MAY BE REPRODUCED WITHOUT DEXTER'S PERMISSION. ALL PART NUMBERS, DIMENSIONS AND SPECIFICATIONS IN THIS CATALOG ARE SUBJECT TO CHANGE WITHOUT NOTICE.

Register your warranty at www.alko.com.au



1. **Option 1.** Scan the above QR code
2. **Option 2.** Visit alko.com.au/warranties

- SERIAL No. _____

- INSTALLED BY _____
- DATE //

The personal information disclosed to us by you will be used for the purposes of identifying you if you wish to make a claim under the warranty, and for dealing with that claim. We may also use your information to communicate with you about our product and promotions.

Your information will only be disclosed to third parties where necessary to assess or complete your claim such as suppliers or distributors of our products, or to government bodies such as Vic Roads (or equivalent). If you do not complete all the information contained on the card, we may not be able to provide you with a warranty.


If you would like to access the personal information held by us about you, please contact our Privacy Officer on (03) 9777 4500.

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- AL-KO International Pty Ltd (ABN 96 003 066 813)
- Email: info.aus@alko-tech.com

Documents / Resources

 <p>OPERATION/MAINTENANCE SERVICE MANUAL DEXTER SWAY CONTROL (DSC)</p> <p>ALKO auko.com.au</p>	<p>DEXTER DSC Sway Control System [pdf] Instruction Manual DSC Sway Control System, DSC, Sway Control System, Control System, System</p>
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References

- [AL-KO Vehicle Technology | Australian Trailer & Caravan Parts Manufacturer](#)
- [AL-KO Vehicle Technology | Australian Trailer & Caravan Parts Manufacturer](#)
- [Warranties | AL-KO](#)
- [User Manual](#)

