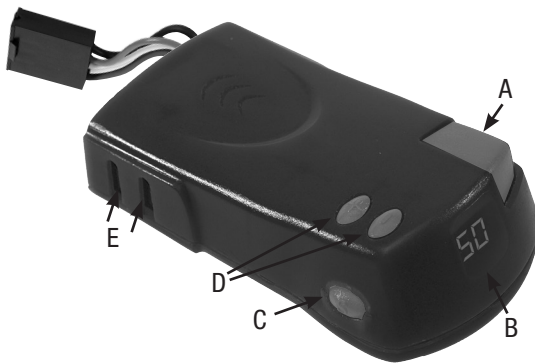


Quest™ Electronic Brake Control

IMPORTANT:
Read the following instructions carefully before installing and/or operating the brake control. If you have any concerns with this product or the installation process, our technical support team can assist you. Call 1-800-835-0129.



- A. Vertical slide for manual override
- B. Digital readout display
- C. Sensitivity adjustment button
- D. Digital power setting buttons
- E. Mounting bracket holes

INSTALLATION PRECAUTIONS:

- Braking capacity is for 2, 4, 6 or 8 trailer brake applications.
- This brake control will apply the trailer brakes while in reverse.
- This brake control is inertia activated. When the vehicle is not moving, the brake control will not automatically apply the trailer brakes. In this event, the vertical slide must be depressed to actuate the brakes.
- This brake control is not reverse polarity protected. Reversing the connection to the vehicle battery or the breakaway battery on the trailer will damage the brake control.
- Do not mount or activate RF (radio frequency) generating devices near the brake control (less than 15" proximity), i.e., Cell phones, two-way radios.
- This brake control is designed to operate with electric trailer brakes and electric-hydraulic brake systems.

LIMITED LIFETIME WARRANTY

Hopkins Manufacturing Corporation warrants Quest®, Escort® and Escort® Digital™ brake control products to be free from defects in material and workmanship, under normal use and service, for the original buyer's lifetime from the date of original purchase.

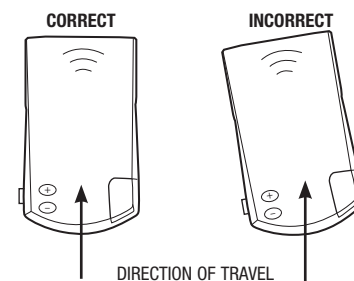
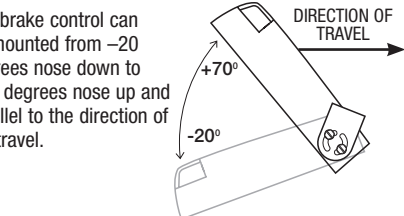
This warranty does not cover, and Hopkins Manufacturing Corporation is not liable for, the cost of repair or replacement of parts which have been subjected to misuse, negligence, accident, improper installation, modification, or normal deterioration due to wear and exposure, or defects caused by unauthorized repairs. THE ORIGINAL BUYER'S EXCLUSIVE REMEDIES UNDER THIS LIMITED WARRANTY SHALL BE LIMITED TO REPAIR OR REPLACEMENT (AT THE OPTION OF HOPKINS MANUFACTURING CORPORATION) OF THE DEFECTIVE PRODUCT OR PART. The repair or replacement of the product or part under warranty will be made by Hopkins Manufacturing Corporation without charge for parts or labor.

UNDER NO CIRCUMSTANCES WILL HOPKINS MANUFACTURING CORPORATION BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO DAMAGE TO OR LOSS OF OTHER PROPERTY OR EQUIPMENT. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

In order to obtain performance under this warranty, return the defective product, postage prepaid, along with dated proof of purchase, to Hopkins Manufacturing Corporation, 428 Peyton, Emporia, Kansas 66801-1157. This warranty does not cover shipping and delivery charges to or from Hopkins Manufacturing Corporation.

INSTALLATION GUIDE:

The brake control can be mounted from -20 degrees nose down to +70 degrees nose up and parallel to the direction of the travel.



1. Mount the bracket to a secure location with Phillip screws provided (F) where you will be able to view the display and easily access the vertical slide.

2. Attach the brake control to the bracket using the slotted hex screws provided (G).
3. Adjust the brake control to the desired angle and tighten screws until snug.

CAUTION: Using larger/longer screws may damage the unit.
WIRING GUIDE:

The Agility™ came equipped with either a quick connector plug or just wires exiting the back of the control.

OPTION: If your vehicle came equipped with a factory tow package, brake control function wires may exist under the vehicle dash. Consult vehicle manual or call for location. Purchase a vehicle specific Plug-in Simple!® brake control quick connector and simply plug into the factory tow package plug, or remove the quick connector plug on the brake control and splice the wires

QUICK INSTALL OPTION

See store personnel or go to www.hopkinstowingsolutions.com to purchase Plug-In Simple!® brake control connector.

GARANTIE LIMITÉE À VIE

Hopkins Manufacturing Corporation garantit à l'acheteur original que, à partir de la date d'achat, pour un usage normal, chaque produit de commande de frein Quest®, Escort® Escort® Digital™ sera exempt de défaut de matière première ou de fabrication.

Cette garantie ne couvre pas les coûts de réparation ou de remplacement de pièces attribuables à une utilisation inappropriée, un accident, une installation incorrecte, une modification, ou une détérioration normale causée par l'usure ou des défauts dus à des réparations non approuvées. Hopkins Manufacturing Corporation ne sera pas responsable des dommages énumérés ci haut. PAR LA PRÉSENTE GARANTIE LIMITÉE, LE SEUL RECOURS EXCLUSIF DE L'ACHETEUR ORIGINAL SE LIMITE AUX RÉPARATIONS ET REMPLACEMENTS (AU CHOIX DE HOPKINS MANUFACTURING CORPORATION) DES PRODUITS OU PIÈCES DÉFECTUEUSES. Les réparations ou remplacements de produits et pièces couvertes par la garantie seront effectuées par Hopkins Manufacturing Corporation sans frais de pièces ou de main-d'œuvre.

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Pour obtenir l'exécution de cette garantie, veuillez retourner le produit défectueux, avec une preuve d'achat, affranchissement pré-payé, à Hopkins Manufacturing Corporation, 428 Peyton, Emporia, Kansas 66801-1157. La présente garantie ne couvre pas les frais de livraison et d'expédition à destination ou en provenance de Hopkins Manufacturing Corporation.

to the function wires under the dash.

White wire – ground/negative terminal (-) on battery
Blue wire – trailer electric brakes
Black wire – positive terminal (+) on battery
Red wire – cold side of stop lamp switch or brake light

CAUTION: Wire colors vary by manufacturer. Be sure to wire by function only.

VEHICLE MANUFACTURER WIRING CODES:

BRAKE CONTROL WIRE	BLUE	BLACK	RED	WHITE
FORD 94-07	BLUE	RED	GREEN	WHITE
CHEV/GM 99-06	DK BLUE	RED	LT BLUE	BLACK
CHEV/GM 07-08	DK BLUE	RED w/BLK	LT BLUE w/WHT	WHITE
DODGE 97-02	BLUE	RED	WHITE	BLACK
DODGE 03-07	BLUE	WHITE w/RED	BLUE w/WHT	GRN w/BLK
NISSAN	BRN w/WHT	RED	RED w/GRN	BLACK
TOYOTA	RED	BLACK w/RED	GRN w/ WHT	BROWN

For installations on vehicles *without* factory tow package use the following procedure: (remove the quick connector plug if present)

1. Be sure to use proper wire gauge when installing your control (12 gauge for electric brakes and positive power, 16 gauge for the stop lamp switch and ground).
2. Connect the white wire directly to the negative post on the vehicle battery. Grounding to any other location may cause intermittent brake control operation or failure.
3. Attach 20-amp circuit breaker (for 6 or 8 brake use 30-amp) or in-line fuse to the positive terminal on the vehicle's battery. Route black wire from the brake control to the fuse or breaker.
4. Splice the red wire into the cold side of the vehicle's stop lamp switch located by the brake pedal. Find the wire by using a circuit tester and probing for the wire that powers the vehicle stop lamps when the brake pedal is pressed.
5. Route the blue wire from the brake control to the vehicle side towing connector at the rear of the tow vehicle.

NOTE:

- Some late model Ford/Mercury trucks and sport utility vehicles have 2 or more stop lamp switch wires. For proper operation, use the light green wire. The other wire is red with a green stripe. This wire goes directly to ground when not in use. Splicing into this wire will short-circuit your brake control and possibly damage the unit.
- For Chevrolet vehicles 1999-06, if your vehicle does not have a towing package, only the ground and stop lamp switch will be active in the function wires under the dash. The electric brake wire and 12-volt power lead will be terminated outside the firewall. These will have to be routed to the trailer connector and battery on the vehicle.
- For Dodge 2005-06, to find the cold side of the stop lamp switch, you must have the key in the "on" position.
- Ford and Dodge tow packages come with a 20-amp battery feed wire system that will accommodate 2 and 4 brake trailer magnets. An upgrade to a 30-amp (12 gauge) battery wire system will be needed for 6 brake systems.

GARANTÍA LIMITADA

Hopkins Manufacturing Corporation garantiza que los productos de control de freno Quest®, Escort® Escort® Digital™ no presentan defectos en sus materiales ni en su fabricación, siempre que se utilicen normalmente y se realice el debido mantenimiento, mientras lo utilice el comprador original y a partir de la fecha de la compra original.

Esta garantía no cubre, ni Hopkins Manufacturing Corporation se responsabiliza por, el costo de reparación o reemplazo de piezas que hayan sido utilizadas de modo incorrecto, sujetas a negligencias o accidentes, instaladas inadecuadamente, modificadas o deterioradas por desgaste normal y exposición o con defectos producidos por reparaciones no autorizadas. LAS SOLUCIONES ADOPTADAS POR EL COMPRADOR ORIGINAL SEGÚN LA PRESENTE GARANTÍA ESTARÁ LIMITADA A REPARACIONES O REEMPLAZOS (A DISCRECIÓN DE HOPKINS MANUFACTURING CORPORATION) DEL PRODUCTO O LA PIEZA QUE PRESENTE DEFECTOS. La reparación o el reemplazo del producto o la pieza que cubre la garantía y el costo de las piezas, o la mano de obra estarán a cargo de Hopkins Manufacturing Corporation,

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Para obtener los beneficios de esta garantía, devuelva el producto defectuoso vía postal, con franqueo pagado, junto con una prueba de compra con fecha a Hopkins Manufacturing Corporation, 428 Peyton, Emporia, Kansas 66801-1157. Esta garantía no cubre los costos de envío y entrega a y desde Hopkins Manufacturing Corporation.

OPERATING / SETTING YOUR CONTROLLER:

1. Red dot on bottom right hand corner digital display indicates trailer connected.
2. A blank display (no dot) indicates trailer is not connected.
3. Power adjustment buttons (+/-) top of the control adjust power to the trailer brakes. Pressing the (-) button decreases power. Pressing (+) increases power. Power will be displayed as a percentage the digital display from 5 to 99 increments of 5%.
4. Set the sensitivity. This feature makes your trailer braking response more or less sensitive. A setting of 1 indicates least sensitive. A setting of 5 indicates most sensitive. Adjust sensitivity by pressing the button labeled "S" on the side of the unit.
5. SC indicates that short circuit has occurred.



TESTING / ADJUSTING THE BRAKING RESPONSE:

Connect to your trailer and test drive on a dry open area at low speed (20 to 25 mph). Apply vehicle brakes aggressively.

1. If trailer brakes lock-up, adjust down the power setting to just below brake lock-up by pressing the (-) power button.
2. If the braking performance from the trailer feels as if it is pushing the tow vehicle, adjust the power setting higher by pressing the (+) power button.

Repeat process until smooth braking is obtained.

Questions? Contact us at:
1-800-835-0129

www.hopkinstowingsolutions.com

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