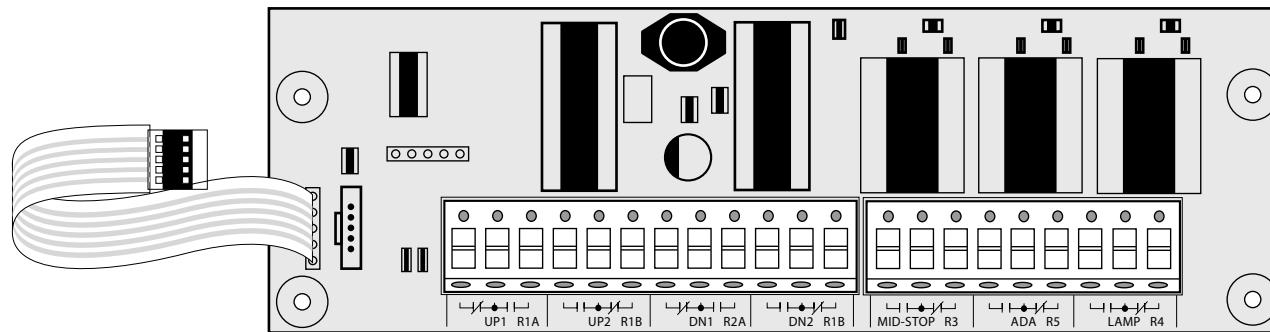




AUXILIARY OUTPUT EXPANSION MODULE



This installation manual provides the information required to install, troubleshoot, and maintain the AUXILIARY OUTPUT MODULE for commercial/industrial door operators.



NOT FOR RESIDENTIAL USE

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Section 1 : Safety Information



WARNING

Overhead Doors are large, heavy objects that move with the help of springs under high tension and electric motors. Since moving objects, springs under tension, and electric motors can cause injury, your safety and the safety of others depend on you reading the information in this manual. If you have any questions or do not understand the information presented, call your nearest service representative. For the number of your local Genie Dealer, call 800-929-3667, and for **Genie Commercial Factory Technical Advice, call 800-843-4084.**

In this manual the words Danger, Warning, and Caution are used to stress important safety information. The word:







-  **DANGER** indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.
-  **WARNING** indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.
-  **CAUTION** indicates potentially hazardous situation which, if not avoided, may result in injury or property damage.

The word **NOTE**, is used to indicate important steps to be followed or important considerations.

IMPORTANT

READ PRIOR TO ANY DOOR OPERATION

1. Read manual and warnings carefully.
2. Keep the door in good working condition. Periodically lubricate all moving parts of door.
3. If door has a sensing edge, check operations monthly. Make any necessary repairs to keep it functional.
4. AT LEAST twice a year, manually operate the door by disconnecting it from the operator. The Door should open and close freely. If it does not, the door must be taken out of service and a trained service representative must correct the condition causing the malfunction.
5. The Operator Motor is protected against overheating by an internal thermal protector. If the motor protector is tripped, a trained service technical may be needed to correct the condition which caused the overheating. When the motor has cooled, thermal protector will automatically reset and normal operation can be resumed.
6. In case of power failure, the door can be operated manually by pulling the release cable to disconnect the operator drive system.
7. Keep instructions in a prominent location near the pushbutton.

POTENTIAL HAZARD	EFFECT	PREVENTION
MOVING DOOR 	 WARNING Could result in Serious Injury or Death	Do Not operate unless the doorway is in sight and free of obstructions. Keep people clear of opening while door is moving. Do Not allow children to play with the door operator. Do Not change operator control to momentary contact unless and external reversing means is installed. Do Not operate a door that jams or one that has a broken spring.
ELECTRICAL SHOCK 	 WARNING Could cause Serious Injury or Death	Turn off electrical power before removing operator cover. When replacing the cover, make sure wires are not pinched or near moving parts. Operator must be electrically grounded.
HIGH SPRING TENSION 	 WARNING Could cause Serious Injury or Death	Do Not try to remove, repair or adjust springs or anything to which door spring parts are fastened, such as wood block, steel bracket, cable or any other structure or like item. Repairs and adjustments must be made by trained service representative using proper tools and instructions.

Section 1 : Safety Information




⚠ AVERTISSEMENT

Les portes basculantes sont de gros objets lourds qui fonctionnent à l'aide de ressorts soumis à une haute tension et de moteurs électriques. Dans la mesure où les objets en mouvement, les ressorts sous tension et les moteurs électriques peuvent entraîner des blessures, votre sécurité et celle des autres exigent que vous preniez connaissance des informations stipulées dans ce manuel. Si vous avez des questions ou si vous ne comprenez pas les informations ci-inclues, veuillez contacter le représentant de service le plus près. Pour obtenir le numéro du revendeur Genie local, appelez le +1 (800) 843-4084, et pour **obtenir des conseils techniques de l'usine Genie, appelez le +1 (800) -843-4084.**

Dans ce manuel, les mots Danger, Avertissement, et Attention sont utilisés pour faire ressortir d'importantes informations relatives à la sécurité. Le mot :

- ⚠ **DANGER** signale une situation dangereuse imminente qui si elle n'est pas évitée, risque d'entraîner des blessures graves, voire mortelles.
- ⚠ **AVERTISSEMENT** signale une situation potentiellement dangereuse qui, si elle n'est pas évitée, risque d'entraîner la mort ou des blessures graves.
- ⚠ **ATTENTION** signale une situation potentiellement dangereuse qui, si elle n'est pas évitée, risque d'entraîner des blessures ou des dommages matériels.

Le terme **REMARQUE** est utilisé pour signaler les étapes importantes à suivre ou d'importants éléments à prendre en considération.

DANGER POTENTIEL	EFFET	PRÉVENTION
PORTE EN MOUVEMENT 	⚠ AVERTISSEMENT Pourrait entraîner des blessures graves voire la mort	Utiliser uniquement si la porte est en vue et libre de tout obstacle. Ne laisser personne se tenir dans l'ouverture de la porte pendant qu'elle est en mouvement. Ne pas permettre aux enfants de jouer avec l'opérateur de la porte. Ne pas modifier la commande de l'opérateur à contact momentané à moins qu'un moyen d'inversion externe soit installé. Ne pas faire fonctionner une porte qui bloque ou dont le ressort est cassé.
CHOC ÉLECTRIQUE 	⚠ AVERTISSEMENT Pourrait entraîner des blessures graves voire la mort	Couper le courant avant d'enlever le couvercle de l'opérateur. Lorsque le couvercle doit être remplacé, s'assurer que les fils ne sont ni coincés ni près des pièces mobiles. L'opérateur doit être correctement mis à la terre.
TENSION ÉLEVÉE RESSORT 	⚠ AVERTISSEMENT Pourrait entraîner des blessures graves voire la mort	Ne pas essayer d'enlever, réparer ni ajuster les ressorts ou toute autre pièce à laquelle le ressort de la porte est attaché, y compris blocs de bois, supports en acier, câbles ou autres articles semblables. Les réparations et les réglages doivent être effectués par technicien qualifié qui se sert d'outils appropriés et qui respecte les instructions.

Section 2 : General Information

Auxiliary Output Module

This module provides the operator with several sets of dry relay contacts that operate in response to the status of the operator.

The Auxiliary Output Module provides the following relay contacts for the associated operator status:

- Up Limit active = 2 sets of SPDT contacts.
- Down Limit active = 2 sets of SPDT contacts.
- Mid Stop Limit active = 1 set of SPDT contacts.
- Lamp Operation w/delayed turn off feature = 1 set of SPDT contacts. (The Lamp Operation delay is factory set at 5 minutes.)
- ADA (Americans with Disabilities Act) Output = 1 set of SPDT contacts. (User selectable: Relay activates when door opens, closes or both.)

NOTE: Relay states match operator status only when power is applied to the operator. When power is removed, relays return to their normal states. The Auxiliary Output Module includes LED's that indicate when power is applied, the normal function of the module and when each relay is active.

Job Site Issues to Consider/Concerns

Before installing the Auxiliary Output Module at any given job site, be sure to consider accessory equipment, such as warning lights, Sirens, etc.

Section 3: Installation MX Operators

! WARNING

DO NOT use with resistor style 2-wire monitored edges

! WARNING

RISK OF ELECTRICAL SHOCK. Be sure that electrical power to the operator has been disconnected. There should be no live circuits inside the electrical box while installing this module. An appropriate lock-out/tag-out procedure is recommended.

DO NOT APPLY POWER UNTIL INSTRUCTED TO DO SO.

! WARNING

All wiring to the operator must meet all local building codes. The Genie Company recommends that all work involving electrical circuits and line voltage wiring be performed by a qualified electrician.

! CAUTION

Check working condition of door and operator before installing the Auxiliary Output Module.

! AVERTISSEMENT

NE PAS utiliser avec des arêtes surveillées à 2 fils de type à résistance

! AVERTISSEMENT

RISQUES DE CHOCS ÉLECTRIQUES Assurez-vous que l'alimentation électrique à l'opérateur a été coupée. Il ne doit pas y avoir de circuits sous tension à l'intérieur du coffret électrique lors de l'installation de ce module. Une procédure de verrouillage/étiquetage appropriée est recommandée.

NE PAS METTRE SOUS TENSION TANT QUE L'INSTRUCTION N'EST PAS DONNÉE.

! AVERTISSEMENT

Le câblage vers l'opérateur doit satisfaire aux codes de construction locaux. Genie Company recommande que les travaux concernant les circuits électriques concernés et le câblage au secteur soient effectués par un électricien qualifié.

! ATTENTION

Vérifier l'état de marche de la porte et de l'opérateur avant d'installer le module de sortie auxiliaire.

1. Turn off supply power to the operator.
 - Locate supply power disconnect.
 - Disconnect supply power.
 - Use proper lock-out/tag-out procedure.
2. Open and/or Remove Operator Electric Box Cover.
 - Loosen screw on front of cover, door swings open. (Door is removed by sliding it out of the hinges).
3. Install Auxiliary Output Module. (Fig. 3A)
 - Secure with 1/4" hex head screws (2 ea.) provided.
 - Connect ribbon cable to main control board as shown.

NOTE: If another expansion module is already installed and connected in the electric box, the Auxiliary Output Module ribbon cable should be connected to the expansion port connector on the existing expansion module.

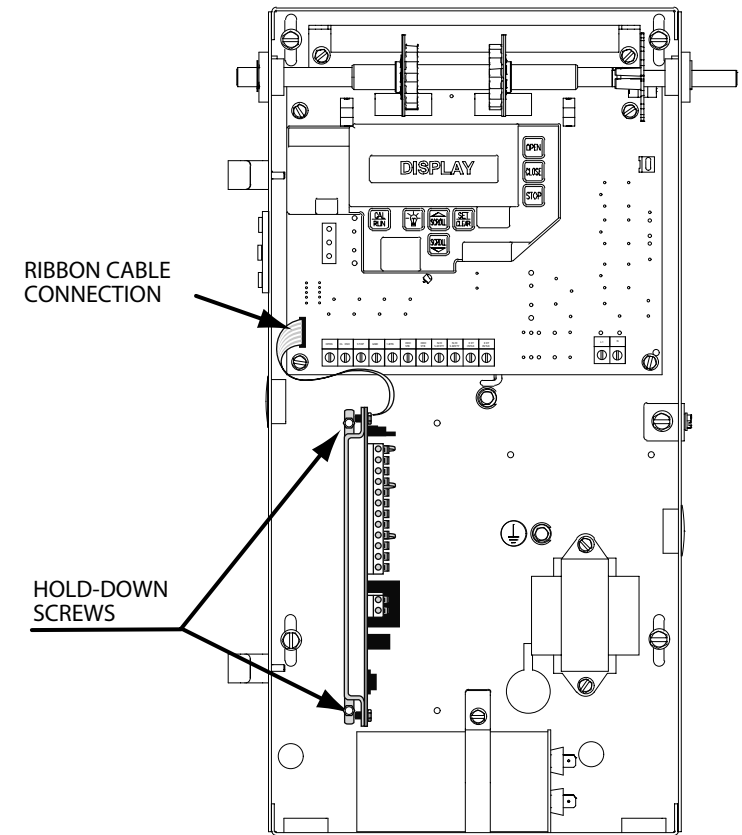


Fig. 3A Install AOM in MX Unit

Section 3 : Installation SX-HX Operators

! WARNING

DO NOT use with resistor style 2-wire monitored edges

! WARNING

RISK OF ELECTRICAL SHOCK. Be sure that electrical power to the operator has been disconnected. There should be no live circuits inside the electrical box while installing this module. An appropriate lock-out/tag-out procedure is recommended.

DO NOT APPLY POWER UNTIL INSTRUCTED TO DO SO.

! WARNING

All wiring to the operator must meet all local building codes. The Genie Company recommends that all work involving electrical circuits and line voltage wiring be performed by a qualified electrician.

! CAUTION

Check working condition of door and operator before installing the Auxiliary Output Module.

! AVERTISSEMENT

NE PAS utiliser avec des arêtes surveillées à 2 fils de type à résistance

! AVERTISSEMENT

RISQUES DE CHOCS ÉLECTRIQUES Assurez-vous que l'alimentation électrique à l'opérateur a été coupée. Il ne doit pas y avoir de circuits sous tension à l'intérieur du coffret électrique lors de l'installation de ce module. Une procédure de verrouillage/étiquetage appropriée est recommandée.

NE PAS METTRE SOUS TENSION TANT QUE L'INSTRUCTION N'EST PAS DONNÉE.

! AVERTISSEMENT

Le câblage vers l'opérateur doit satisfaire aux codes de construction locaux. Genie Company recommande que les travaux concernant les circuits électriques concernés et le câblage au secteur soient effectués par un électricien qualifié.

! ATTENTION

Vérifier l'état de marche de la porte et de l'opérateur avant d'installer le module de sortie auxiliaire.

1. Turn off supply power to the operator.
 - Locate supply power disconnect.
 - Disconnect supply power.
 - Use proper lock-out/tag-out procedure.
2. Open and/or Remove Operator Electric Box Cover.
 - Loosen screw on front of cover, door swings open. (Door is removed by sliding it out of the hinges).
3. Install Auxiliary Output Module. (Fig. 3B)
 - Secure with 1/4" hex head screws (2 ea.) provided.
 - Connect ribbon cable to main control board as shown.

NOTE: If another expansion module is already installed and connected in the electric box, the Auxiliary Output Module ribbon cable should be connected to the expansion port connector on the existing expansion module.

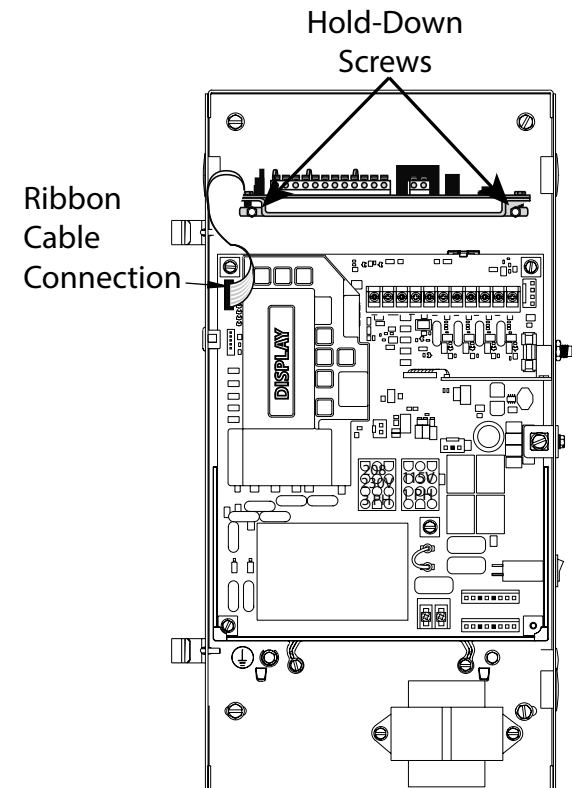


Fig. 3B Install AOM in SX-HX Unit

Section 3 : Installation GCX Operators

! WARNING

DO NOT use with resistor style 2-wire monitored edges

! WARNING

RISK OF ELECTRICAL SHOCK. Be sure that electrical power to the operator has been disconnected. There should be no live circuits inside the electrical box while installing this module. An appropriate lock-out/tag-out procedure is recommended.

DO NOT APPLY POWER UNTIL INSTRUCTED TO DO SO.

! WARNING

All wiring to the operator must meet all local building codes. The Genie Company recommends that all work involving electrical circuits and line voltage wiring be performed by a qualified electrician.

! CAUTION

Check working condition of door and operator before installing the Auxiliary Output Module.

! AVERTISSEMENT

NE PAS utiliser avec des arêtes surveillées à 2 fils de type à résistance

! AVERTISSEMENT

RISQUES DE CHOCS ÉLECTRIQUES Assurez-vous que l'alimentation électrique à l'opérateur a été coupée. Il ne doit pas y avoir de circuits sous tension à l'intérieur du coffret électrique lors de l'installation de ce module. Une procédure de verrouillage/étiquetage appropriée est recommandée.

NE PAS METTRE SOUS TENSION TANT QUE L'INSTRUCTION N'EST PAS DONNÉE.

! AVERTISSEMENT

Le câblage vers l'opérateur doit satisfaire aux codes de construction locaux. Genie Company recommande que les travaux concernant les circuits électriques concernés et le câblage au secteur soient effectués par un électricien qualifié.

! ATTENTION

Vérifier l'état de marche de la porte et de l'opérateur avant d'installer le module de sortie auxiliaire.

1. Remove four (4) self-tapping screws from front panel of GCX enclosure and remove front panel to expose control circuits.
2. Orient the module so mounting bracket tabs are to the left and wire terminals are facing up.
3. Make desired wiring connections (see section 4)
4. Insert module into the area indicated and slide front mounting tab into slot on side panel of GCX enclosure. Fig. 3A & B
5. Adjust module so that it is level with GCX enclosure.
 - There is a mounting hole on side panel of enclosure which will line up with hole in module mounting bracket.
 - Attach module by inserting self-tapping screw (provided in kit) through module bracket and into hole in side panel. Do not overtighten.
6. Replace front panel.

Fig. 3C

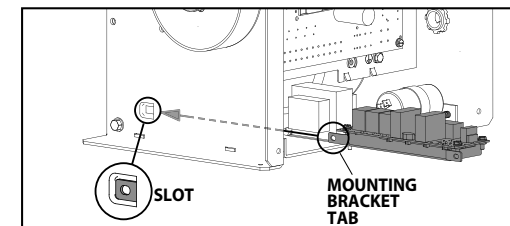
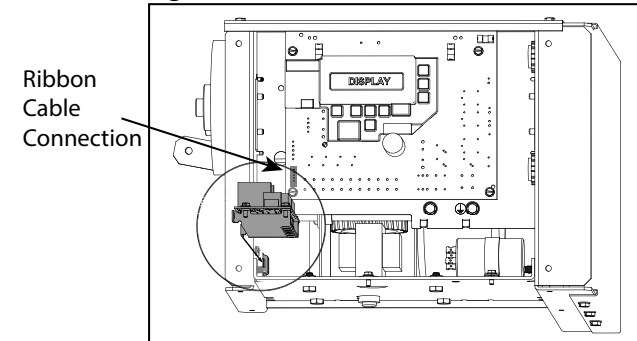


Fig. 3D Install AOM in GCX Unit

Section 4 : Wiring MX

! WARNING

RISK OF ELECTRICAL SHOCK. Be sure that electrical power to the operator has been disconnected. There should be no live circuits inside the electrical box while installing this module. An appropriate lock-out/tag-out procedure is recommended.

DO NOT APPLY POWER UNTIL INSTRUCTED TO DO SO.

! AVERTISSEMENT

RISQUES DE CHOCS ÉLECTRIQUES Assurez-vous que l'alimentation électrique à l'opérateur a été coupée. Il ne doit pas y avoir de circuits sous tension à l'intérieur du coffret électrique lors de l'installation de ce module. Une procédure de verrouillage/étiquetage appropriée est recommandée.

NE PAS METTRE SOUS TENSION TANT QUE L'INSTRUCTION N'EST PAS DONNÉE.

To Connect Wires to Accessory Modules

1. Strip wire insulation .42" as shown. (Fig. 4A).
2. Using a screwdriver or your finger, press the plunger down and hold it.
3. Insert 20AWG - 12 AWG solid or stranded wire into the connector. (Fig. 4B).

NOTE: Connect only one wire per terminal.

4. Release the plunger.
5. Tug on the wire to make sure it is secured.

Control Wires

1. Route control wiring as per Fig. 4C.
2. Access ports have been provided so that wires can be routed into and secured to the control board. Use appropriate conduit and/or fittings to provide proper strain relief and wiring protection.
3. Make control, warning and reversing device connections using the information above and on page 4.4.

NOTE: If wiring connected to the Lamp or ADA Outputs applies low voltage class 2 voltages/currents, route the wiring with control wiring shown in left side of Fig 4C. If wiring connected to these outputs applies line voltage, route the wiring as shown in right side of Fig 4C.

! WARNING

LOWVOLTAGE/CONTROL WIRING MUST BE KEPT SEPARATE FROM LINE VOLTAGE WIRING!

! AVERTISSEMENT

LE CÂBLAGE DE COMMANDE/BASSE TENSION SOIT ÊTRE DISTINCT DU CÂBLAGE DE TENSION DE LA LIGNE !

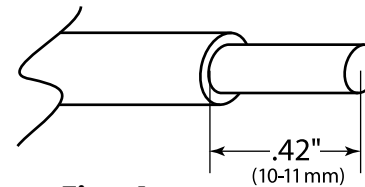


Fig.4A Strip wire

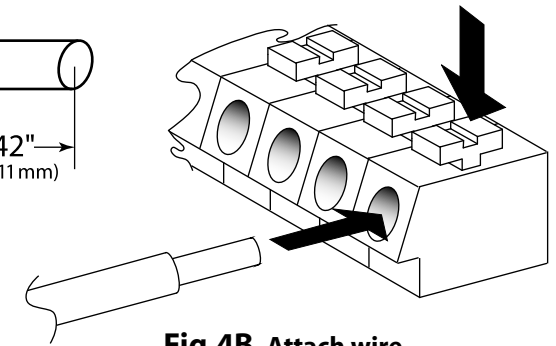


Fig.4B Attach wire

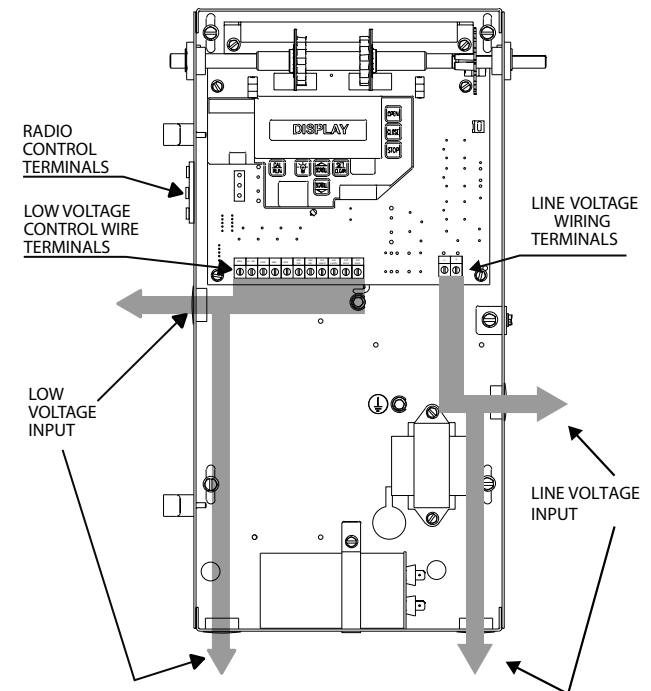


Fig. 4C Wiring to AOM

Section 4 : Wiring SX-HX

! WARNING

RISK OF ELECTRICAL SHOCK. Be sure that electrical power to the operator has been disconnected. There should be no live circuits inside the electrical box while installing this module. An appropriate lock-out/tag-out procedure is recommended.

DO NOT APPLY POWER UNTIL INSTRUCTED TO DO SO.

! AVERTISSEMENT

RISQUES DE CHOCS ÉLECTRIQUES Assurez-vous que l'alimentation électrique à l'opérateur a été coupée. Il ne doit pas y avoir de circuits sous tension à l'intérieur du coffret électrique lors de l'installation de ce module. Une procédure de verrouillage/étiquetage appropriée est recommandée.

NE PAS METTRE SOUS TENSION TANT QUE L'INSTRUCTION N'EST PAS DONNÉE.

To Connect Wires to Accessory Modules

1. Strip wire insulation .42" as shown. (Fig. 4A).
2. Using a screwdriver or your finger, press the plunger down and hold it.
3. Insert 20AWG - 12 AWG solid or stranded wire into the connector. (Fig. 4B).

NOTE: Connect only one wire per terminal.

4. Release the plunger.
5. Tug on the wire to make sure it is secured.

Control Wires

1. Route control wiring as per Fig. 4C.
2. Access ports have been provided so that wires can be routed into and secured to the control board. Use appropriate conduit and/or fittings to provide proper strain relief and wiring protection.
3. Make control, warning and reversing device connections using the information above and on page 4.4.

NOTE: If wiring connected to the Lamp or ADA Outputs applies low voltage class 2 voltages/currents, route the wiring with control wiring shown in top side of Fig 4C. If wiring connected to these outputs applies line voltage, route the wiring as shown in bottom of Fig 4C.

! WARNING

LOWVOLTAGE/CONTROL WIRING MUST BE KEPT SEPARATE FROM LINE VOLTAGE WIRING!

! AVERTISSEMENT

LE CÂBLAGE DE COMMANDE/BASSE TENSION SOIT ÊTRE DISTINCT DU CÂBLAGE DE TENSION DE LA LIGNE !

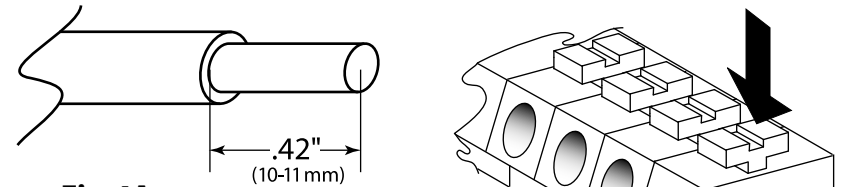


Fig.4A Strip wire

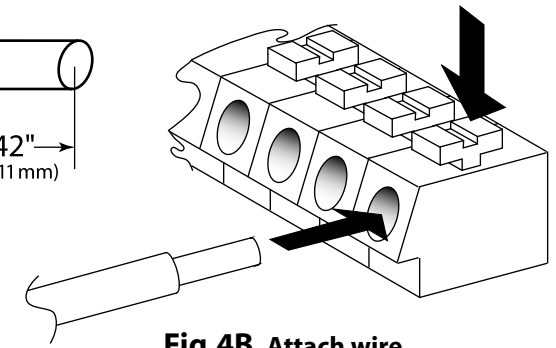


Fig.4B Attach wire

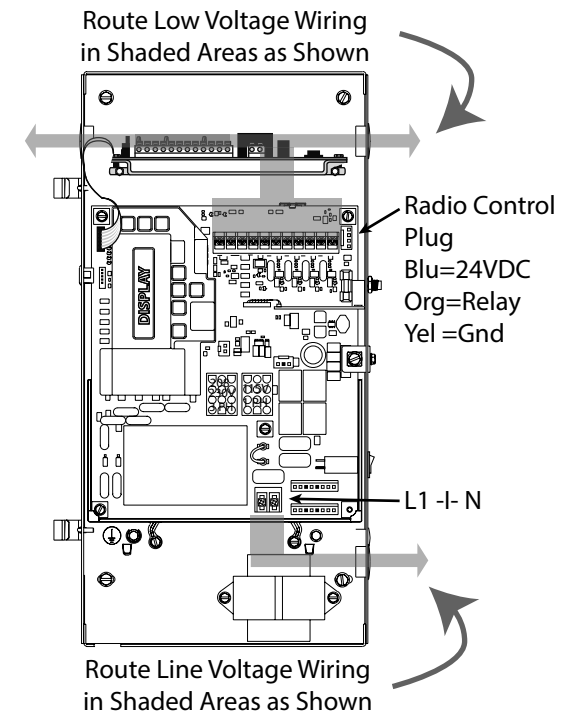


Fig. 4C Wiring to AOM

Section 4 : Wiring GCX

! WARNING

RISK OF ELECTRICAL SHOCK. Be sure that electrical power to the operator has been disconnected. There should be no live circuits inside the electrical box while installing this module. An appropriate lock-out/tag-out procedure is recommended.

DO NOT APPLY POWER UNTIL INSTRUCTED TO DO SO.

! AVERTISSEMENT

RISQUES DE CHOCS ÉLECTRIQUES Assurez-vous que l'alimentation électrique à l'opérateur a été coupée. Il ne doit pas y avoir de circuits sous tension à l'intérieur du coffret électrique lors de l'installation de ce module. Une procédure de verrouillage/étiquetage appropriée est recommandée.

NE PAS METTRE SOUS TENSION TANT QUE L'INSTRUCTION N'EST PAS DONNÉE.

To Connect Wires to Accessory Modules

1. Strip wire insulation .42" as shown. (Fig. 4A).
2. Using a screwdriver or your finger, press the plunger down and hold it.
3. Insert 20AWG - 12 AWG solid or stranded wire into the connector. (Fig. 4B).

NOTE: Connect only one wire per terminal.

4. Release the plunger.
5. Tug on the wire to make sure it is secured.

Control Wires

1. Route control wiring as per Fig. 4C.
2. Access ports have been provided so that wires can be routed into and secured to the control board. Use appropriate conduit and/or fittings to provide proper strain relief and wiring protection.
3. Make control, warning and reversing device connections using the information above and on page 4.4.

NOTE: If wiring connected to the Lamp or ADA Outputs applies low voltage class 2 voltages/currents, route the wiring with control wiring shown in upper side of Fig 4C. If wiring connected to these outputs applies line voltage, route the wiring as shown in lower side of Fig 4C.

! WARNING

LOWVOLTAGE/CONTROL WIRING MUST BE KEPT SEPARATE FROM LINE VOLTAGE WIRING!

! AVERTISSEMENT

LE CÂBLAGE DE COMMANDE/BASSE TENSION SOIT ÊTRE DISTINCT DU CÂBLAGE DE TENSION DE LA LIGNE !

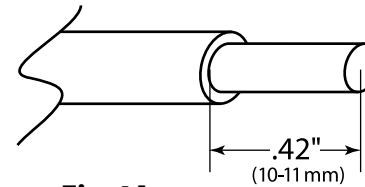


Fig.4A Strip wire

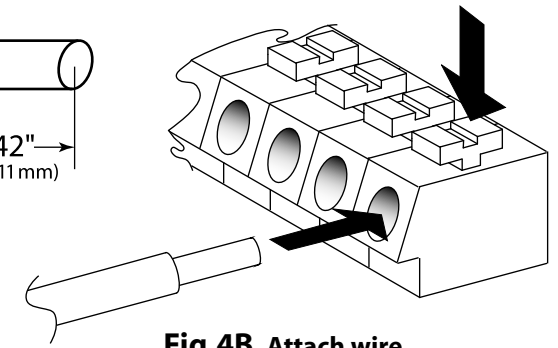


Fig.4B Attach wire

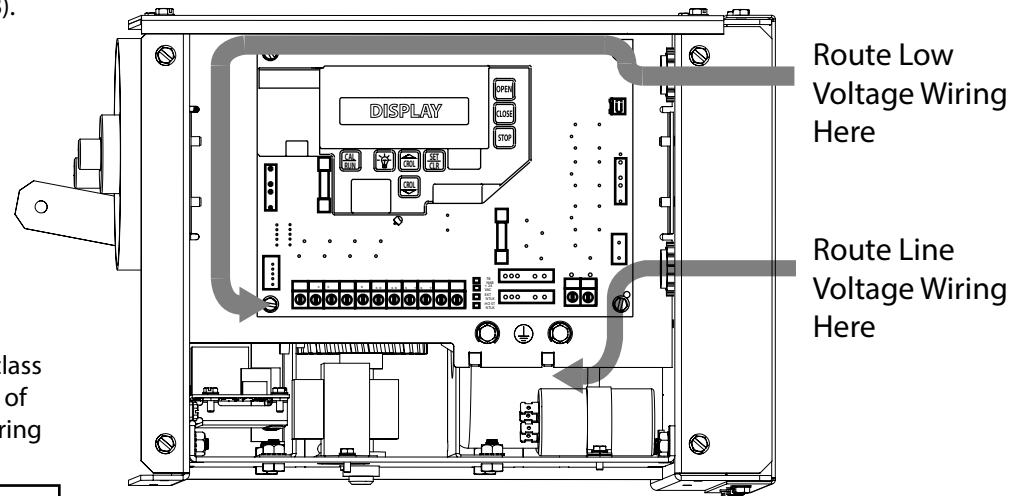
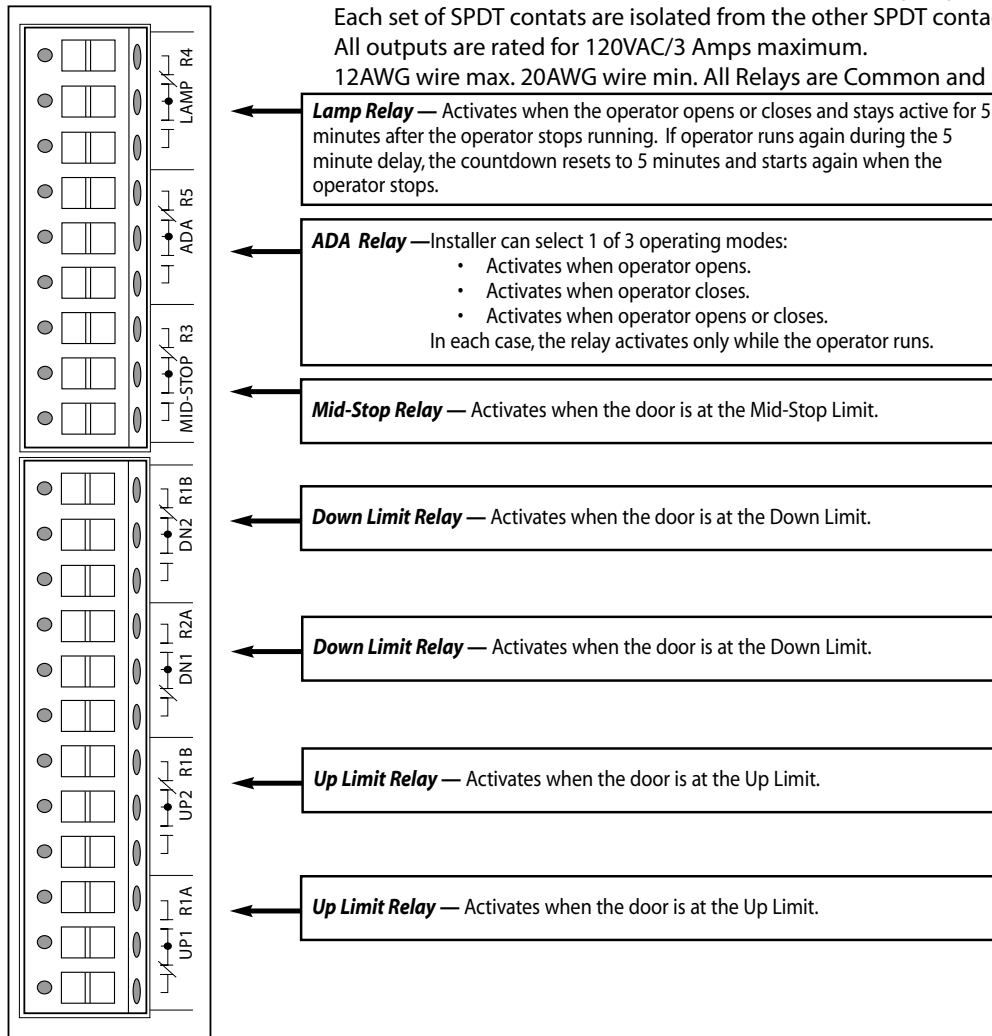


Fig. 4C Wiring to AOM

Section 4 : Wiring - Terminal Designations

NOTE: AOM outputs do not supply power to a load (dry contacts)
 They require a power source to be connected to the relay output
 and the load as shown in the examples on the following page.
 Each set of SPDT contacts are isolated from the other SPDT contacts.
 All outputs are rated for 120VAC/3 Amps maximum.

12AWG wire max. 20AWG wire min. All Relays are Common and Resistive.



Lamp Relay — Activates when the operator opens or closes and stays active for 5 minutes after the operator stops running. If operator runs again during the 5 minute delay, the countdown resets to 5 minutes and starts again when the operator stops.

ADA Relay —Installer can select 1 of 3 operating modes:

- Activates when operator opens.
- Activates when operator closes.
- Activates when operator opens or closes.

In each case, the relay activates only while the operator runs.

Mid-Stop Relay — Activates when the door is at the Mid-Stop Limit.

Down Limit Relay — Activates when the door is at the Down Limit.

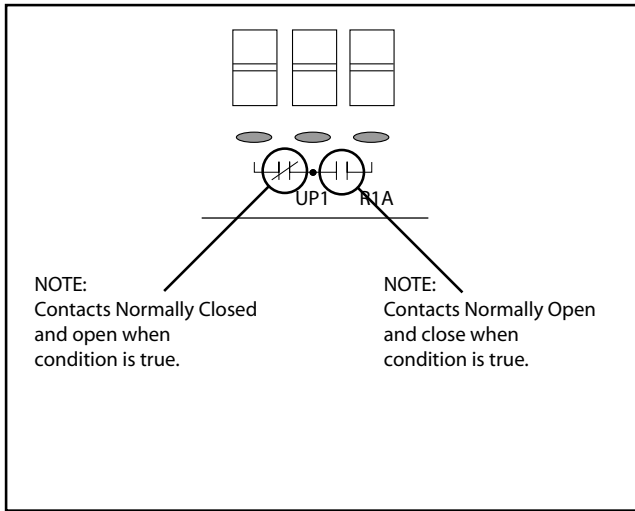
Down Limit Relay — Activates when the door is at the Down Limit.

Up Limit Relay — Activates when the door is at the Up Limit.

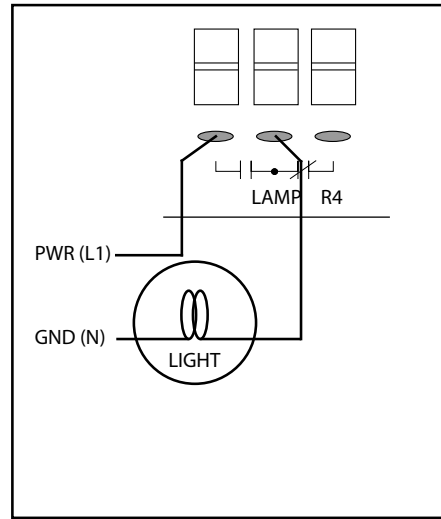
Up Limit Relay — Activates when the door is at the Up Limit.

Fig.4E Terminal Designations

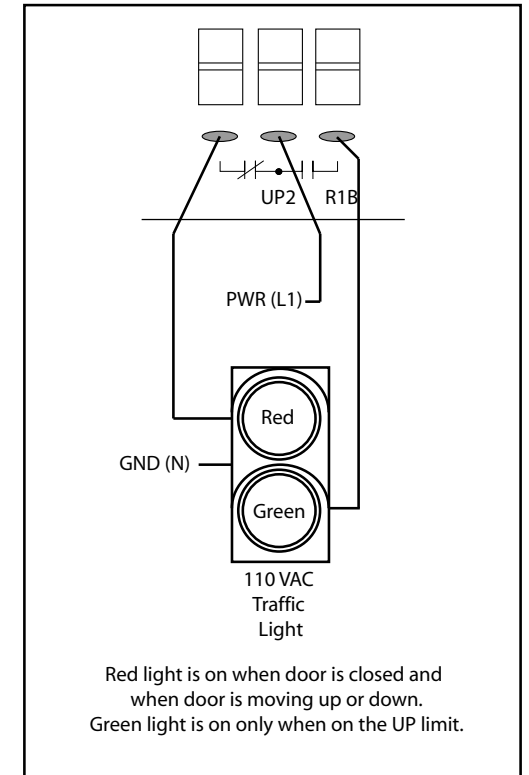
Section 4 : Examples



Relay Information

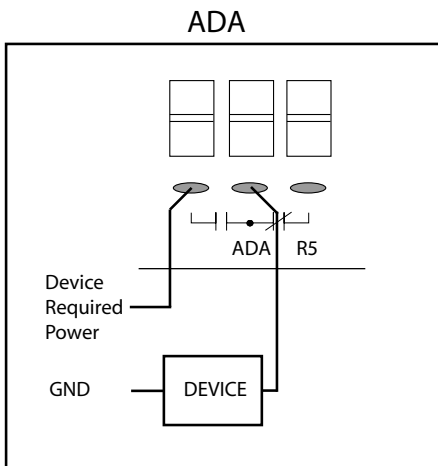


LAMP

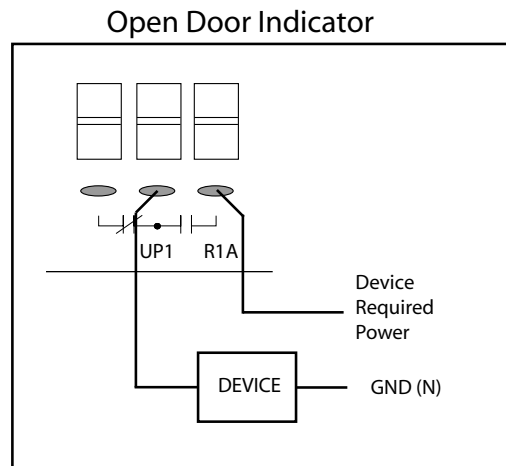


Traffic Light

All Relays on this board are a DRY CONTACT. No power is supplied from any relays. Maximum power rating for each relay is 120 VAC @ 3amps. 12AWG wire size MAX. 20AWG MIN.



ADA



Open Door Indicator

Section 5 : Setup Procedure

! WARNING

RISK OF ELECTRICAL SHOCK. After power is applied to the Operator, DO NOT make contact with components inside the Control Panel, except for the Keypad Display Buttons.

! AVERTISSEMENT

RISQUES DE CHOCS ÉLECTRIQUES Après avoir mis l'opérateur sous tension, NE PAS entrer en contact avec des composants à l'intérieur du panneau de commande, sauf pour les touches du pavé numérique.

Setting ADA Mode

1. Turn on power to door operator.
 - If Auxiliary Output Module is properly installed, the "+24V" and "AOM O.K." LED's will light. (Fig. 5A) (See also Sec. 6 - Troubleshooting Section.)
2. Using the operator keypad and display, press the CAL/RUN key to enter the CAL Mode.
3. Press the SCROLL DN key until the display reads "ADA w/RUN>."
4. Press the SET/CLEAR key to toggle between the following modes (Fig. 5B):
 - "ADAw/RUN>DOWN"— ADA relay activates when the operator closes.
 - "ADAw/RUN>UP"— ADA relay activates while the operator opens.
 - "ADAw/RUN>UP&DN — ADA relay activates when the operator opens or closes.

NOTE: In each mode, the relay activates only while the operator runs in the indicated direction. The relay contacts return to their normal state when the operator stops running.

5. Press the CAL/RUN key to exit CAL mode, retaining the ADA settings.

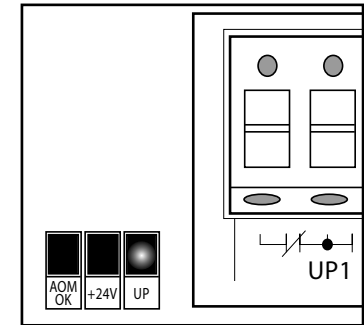


Fig. 5A AOM Board LED's

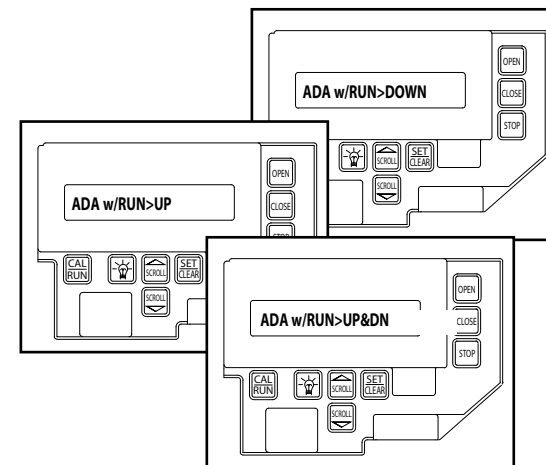


Fig. 5B Select Mode

Section 6: Troubleshooting

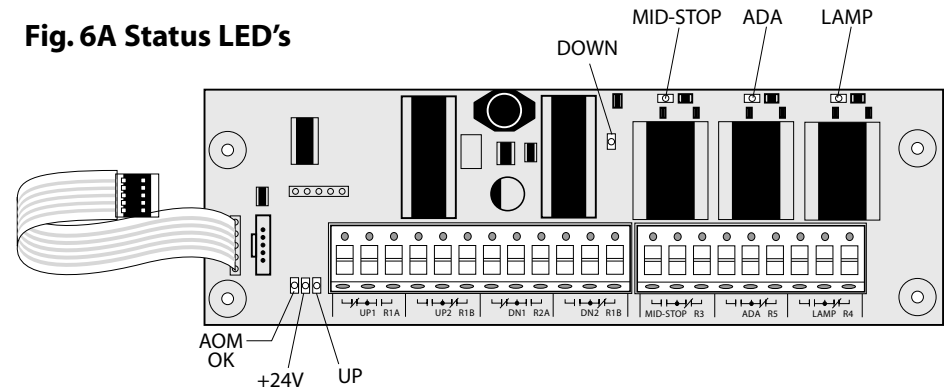
Status LED's

LED	STATUS	INDICATION
+24V	ON	Auxiliary Output Module has power.
	OFF	No power to the Auxiliary Output Module.
AOM OK	ON	Auxiliary Output Module is functioning normally.
	OFF	Auxiliary Output Module is NOT functioning normally.
UP	ON	Operator is at the UP LIMIT.
	OFF	Operator is NOT at the UP LIMIT.
DOWN	ON	Operator is at the DOWN LIMIT.
	OFF	Operator is NOT at the DOWN LIMIT.
MID-STOP	ON	Operator is at the MID-STOP LIMIT.
	OFF	Operator is NOT at the MID-STOP LIMIT.
ADA	ON	Operator is running in direction determined in CAL Mode.
	OFF	Operator is NOT running in direction determined in CAL Mode.
LAMP	ON	The Lamp relay is energized.
	OFF	The Lamp relay is not energized.

Troubleshooting Guide

PROBLEM	INDICATION	CHECK
1. AOM has no power.	+24V LED is OFF .	<ol style="list-style-type: none"> 1. Check power to the operator. 2. Check that AOM ribbon cable is connected to the operator control board or another accessory module that is connected to the operator control board. 3. Check fuse F2 on the operator control board. 4. Contact the factory.
2. AOM is not functioning properly.	+24 V LED is ON . AOM OK LED is OFF .	<ol style="list-style-type: none"> 1. Check that AOM ribbon cable is connected to the operator control board or another accessory module that is connected to the operator control board. 2. Check that operator display is working normally and not indicating a system problem. 3. Turn power to the operator off, then back on. 4. Contact the factory.
3. ADA output does not activate in correct direction of travel		<ol style="list-style-type: none"> 1. ADA output operating mode must be selected using operator keypad and display (see section 5). 2. Go to #2.

Fig. 6A Status LED's



PROBLEM	INDICATION	CHECK
4. Mid-Stop output will not activate.		<ol style="list-style-type: none"> 1. Check that the door is at the Mid-Stop Limit. 2. Check Mid-Stop Limit setting. See operator manual for Mid-Stop Limit set procedure. 3. Go to #2.
5. A device connected to an output will not function	LED for the function is ON .	<ol style="list-style-type: none"> 1. Check power supply for the device connected to AOM output. NOTE: AOM does not supply power to external devices. External power must be connected to the AOM output (see section 4). 2. Check wiring to the device. 3. Check device operation.. 4. Go to #2.
6. A device connected to an output will not function	LED for the function is OFF .	<ol style="list-style-type: none"> 1. Relay will only activate if LED is ON . Correct condition or select proper output. 2. Go to #2.
7. An output will not turn off	LED for the function is ON .	<ol style="list-style-type: none"> 1. The condition for operating the output is still valid (see section 4 for a description). 2. Go to #2.
8. An output will not turn off	LED for the function is OFF .	<ol style="list-style-type: none"> 1. Go to #2.

Section 7 : Warranty Information

The authorized distributor of Genie Products, whose name appears below (“Seller”) warrants to the original purchaser of the Accessory Module specified on the right, subject to all the terms and conditions hereof, that the Accessory Module will be free from defects in material and workmanship under normal use and service for a period of two (2) years following the date of installation.

Seller’s sole obligation under this warranty is specifically limited to repairing or replacing, at its option, any parts which shall be determined by Seller to be defective during the warranty period. Any labor charges are excluded and will be the responsibility of the owner.

This warranty applies only to an Accessory Module which is installed in commercial or industrial building applications. This warranty does not apply if the Accessory Module has been altered or repaired by any person not authorized by The Genie Company to do so, or if it has been damaged due to misuse or accident or failure to provide necessary maintenance. This warranty is made only to the original purchaser of the Accessory Module and is not transferable or assignable.

THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ANY OTHER WARRANTIES, EITHER EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL THE GENIE COMPANY BE RESPONSIBLE FOR, OR LIABLE TO ANYONE FOR, SPECIAL, INDIRECT, COLLATERAL, PUNITIVE, INCIDENTAL OR CONSEQUENTIAL DAMAGES, even if The Genie Company has been advised of the possibility of such excluded damages include but are not limited to loss of goodwill, loss of profits, loss of use, interruption of business or other similar indirect financial loss.

Claims under this warranty must be made in writing promptly to the Seller whose name and address appears to the right, and must be made within the warranty period. (Proof of purchase and identification as the original purchaser may be required.)

Accessory Module Model No. _____

Original Purchaser _____

Installation Address _____

Seller _____

Sellers Address _____

Date of Installation _____

Signature of Seller _____

Accessory Module Return Material Authorization Procedure

The Manufacturer will only accept returned materials that are in warranty. Products being returned must be accompanied by a Return Authorization (RA) Tag. To obtain a Return Authorization Tag please use the following guidelines.

- To return an Operator Accessory Module during the warranty period, the Seller must contact the Technical Service Group at 1-800-843-4084. The following information is required; Accessory Module Model Number, Date Code, and a description of the malfunction. The Technical Service Group will issue, via mail, and RA Tag for the Accessory Module.
- Upon receipt of the Accessory Module, the Manufacturer will evaluate the part for a defect in material and/or workmanship. If it is determined there is a defect, the Seller will be credited the cost of the Accessory Module. If it is determined there is not a defect in material and/or workmanship no credit will be issued.

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The Genie Company

1 Door Drive
Mt. Hope Ohio
44660

For Technical Assistance call
1-800-843-4084
www.geniecompany.com