

KEEP FOR FUTURE REFERENCE

INSTALLATION INSTRUCTIONS



908 W. Main • P.O. Box 368
Laurel, MT USA 59044
800-548-7341 (phone)
406-628-8231 (phone)
406-628-8354 (fax)
www.WPG.com

 **INTENDED FOR USE BY SKILLED
TECHNICAL PROFESSIONALS • READ
AND UNDERSTAND BEFORE INSTALLING**



RADIO REMOTE CONTROL OPTION RETROFIT KIT

For select lifters equipped with
INTELLI-GRIP® TECHNOLOGY

Stock number: 59906

TABLE OF CONTENTS

SPECIFICATIONS	2
FEATURES.....	2
INSTALLATION	3
TO INSTALL ON MRT4-DC3 LIFTERS	3
TO INSTALL ON MRTA8-DC3 LIFTERS	5
TO INSTALL ON MRTALP-DC3 LIFTERS.....	6
TO INSTALL ON P1-04DC3 LIFTERS.....	7
TO INSTALL ON P1-02DC3 LIFTERS.....	9
TO INSTALL ON MRTALPCH6-DC3 LIFTERS	11
TO INSTALL ON OTHER LIFTERS	12
LIMITED WARRANTY	13
TO OBTAIN REPAIRS OR WARRANTY SERVICE.....	13

SPECIFICATIONS

Product Description	When installed, the Radio Remote Control Option Retrofit Kit enables operators to activate the lifter's "attach" and "release" functions from distances up to 250' [76 m].
Stock Number	59906
Compatible DC3 Lifter Models	MRT4, MRTA8, MRTALP4, MRTALP8, P1-04, P1-02, FLEXR, MTCL, MTEX, MRTALPCH6

Note: Before installing the Radio Remote Control Option Retrofit Kit read and understand the lifter's OPERATING INSTRUCTIONS. Intended use, operation, storage, inspections, tests and maintenance in the lifter's instructions should be understood to include options, when relevant. All warnings in the "SAFETY" section, as well as alerts in other sections, are applicable when using the optional Radio Remote Control.

FEATURES

Features shown here are underlined> on their first appearance in each section following.



RADIO RECEIVER and PRIMARY MOUNTING PLATE

Note: These components are attached when shipped.



ALTERNATIVE MOUNTING PLATE

Note: For use with MRT4 only.



RADIO TRANSMITTER



SECONDARY MOUNTING PLATE

Note: For use with MRTALPCH only.



ASSORTED HARDWARE

Note: Hardware varies among lifter models.

INSTALLATION

To INSTALL ON MRT4-DC3 LIFTERS

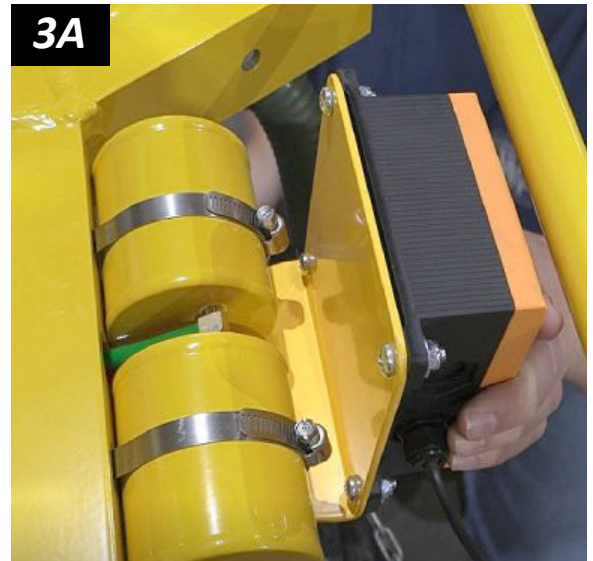
- 1) Remove the radio receiver from the primary mounting plate, saving the hardware.
- 2) Use the saved hardware to attach the receiver to the alternative mounting plate (fig. 2A). Make sure to tighten the hardware securely.

Note: Make sure to orient the receiver as shown in fig. 2A.

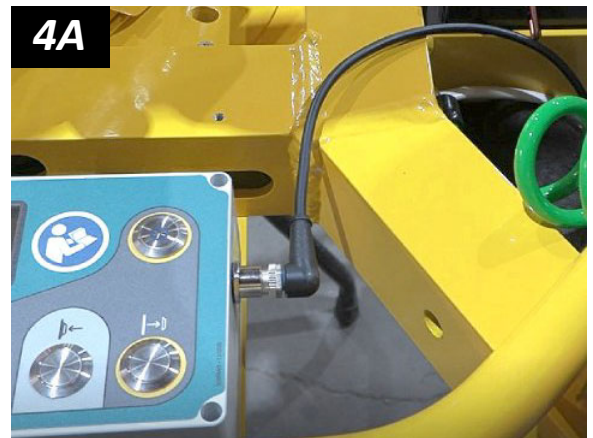


- 3) Align the other 2 holes of the plate with the corresponding holes on the lifter's pad frame near the vacuum reserve tanks. Then use provided hardware to attach the plate to the frame (fig. 3A). Make sure to tighten the hardware securely.

Note: Make sure to orient the plate as shown in fig. 3A.



- 4) Plug the receiver's connection cable end into the lifter's Intelli-Grip® control unit (fig. 4A).



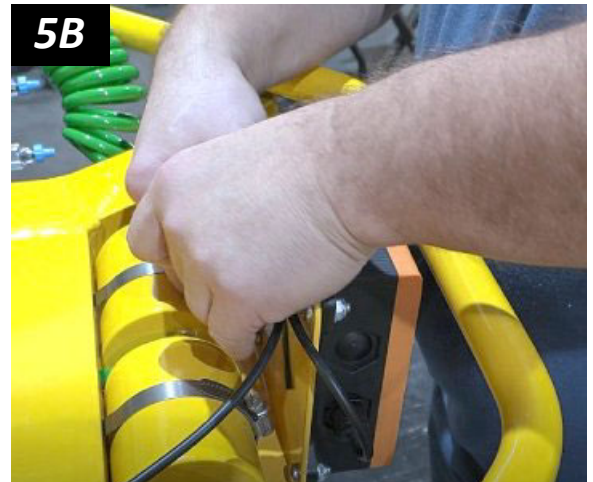
INSTALLATION

- 5) Route and secure the cable, to avoid damage during lifter operation:

Remove the strap that secures the lifter's battery cover. Route the cable beneath the cover. Then reinstall the cover and secure it with the strap (fig. 5A).



Caution: Secure the remaining length of cable between the alternative mounting plate and the lifter's vacuum reserve tanks, using a plastic tie or other appropriate means (fig. 5B).



Perform "INSPECTIONS AND TESTS", as directed in the lifter's *OPERATING INSTRUCTIONS*. **Make sure the radio transmitter and all other components of the Remote Control System are functioning correctly.**

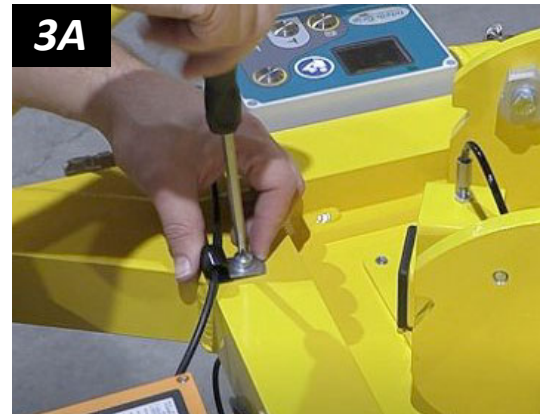
INSTALLATION

TO INSTALL ON MRTA8-DC3 LIFTERS



- 1) Align the 2 holes on the primary mounting plate with the corresponding holes on the lifter's pad frame (fig. 1A). Then use provided hardware to attach the plate to the frame. Make sure to tighten the hardware securely.
- 2) Plug the radio receiver's connection cable end into the lifter's Intelli-Grip® control unit (fig. 2A).
- 3) Route and secure the cable, to avoid damage during lifter operation:

Route the cable through the provided cable clip.
Then attach the clip to its mounting hole on the lifter (fig. 3A).



Caution: Secure the remaining length of cable between the receiver and the frame, using a plastic tie or other appropriate means (fig. 3B).



Perform "INSPECTIONS AND TESTS", as directed in the lifter's *OPERATING INSTRUCTIONS*. **Make sure the radio transmitter and all other components of the Remote Control System are functioning correctly.**

INSTALLATION

TO INSTALL ON MRTALP-DC3 LIFTERS



- 1) Align the 2 holes on the primary mounting plate with the corresponding holes on the lifter's pad frame. Then use provided hardware to attach the plate to the frame (figs. 1A-B). Make sure to tighten the hardware securely.
- 2) Plug the radio receiver's connection cable end into the lifter's Intelli-Grip® control unit (fig. 2A).



- 3) Route and secure the cable, to avoid damage during lifter operation.

Caution: *Secure the remaining length of cable, using a plastic tie or other appropriate means (fig. 3A).*



Perform "INSPECTIONS AND TESTS", as directed in the lifter's *OPERATING INSTRUCTIONS*. **Make sure the radio transmitter and all other components of the Remote Control System are functioning correctly.**

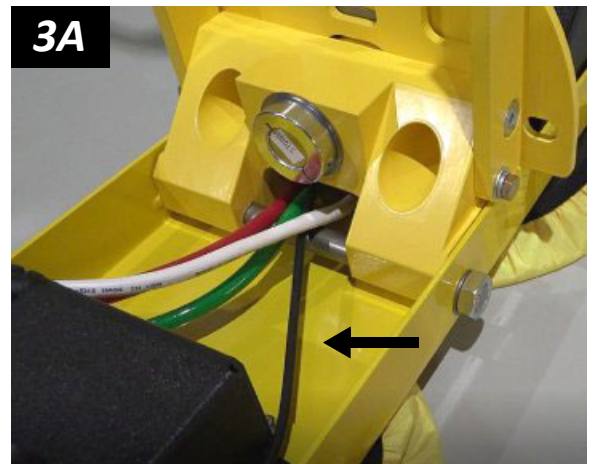
INSTALLATION

To INSTALL ON P1-04DC3 LIFTERS

- 1) Remove the clip that secures the battery charger's power cord, to allow access for installation.
- 2) Align the 2 holes on the primary mounting plate with the corresponding holes on the lifter's pad frame. Then use provided hardware to attach the plate to the frame (fig. 2A). Make sure to tighten the hardware securely.



- 3) Route the radio receiver's connection cable:
Route the cable on the side of the pad channel nearer to the lifter's battery charger and battery.
Caution: Continue routing the cable underneath the lift bar (see arrow in fig. 3A), to avoid damage during lifter operation.

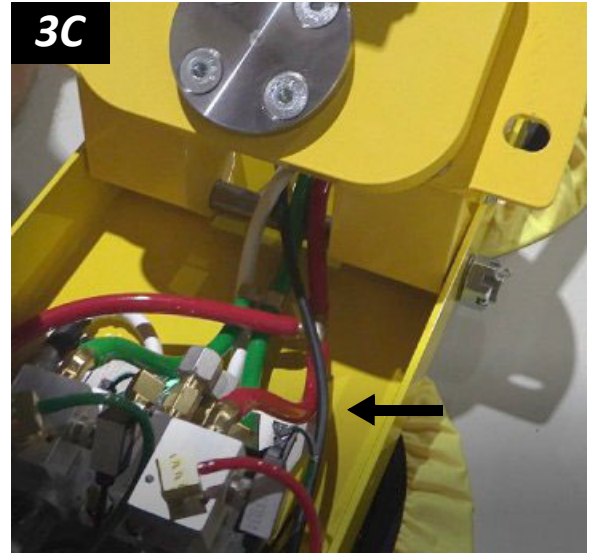


Then remove the lifter's pump cover (fig. 3B).



INSTALLATION

Continue routing the cable through the pump enclosure on the side nearer to the lifter's wiring connections (see arrow in fig. 3C), until the connection cable end reaches the lifter's Intelli-Grip® control unit.



- 4) Plug the connection cable end into the control unit (fig. 4A). Then reinstall the pump cover, making sure to tighten the hardware securely.



Perform “INSPECTIONS AND TESTS”, as directed in the lifter's *OPERATING INSTRUCTIONS*. ***Make sure the radio transmitter and all other components of the Remote Control System are functioning correctly.***

INSTALLATION

TO INSTALL ON P1-02DC3 LIFTERS

1) Remove the radio receiver from the primary mounting plate, saving the hardware.

2) Align the 4 holes on the receiver with the corresponding holes on the lifter. Then use the saved hardware to attach the receiver directly to the lifter (figs. 2A-C). Make sure to tighten the hardware securely.

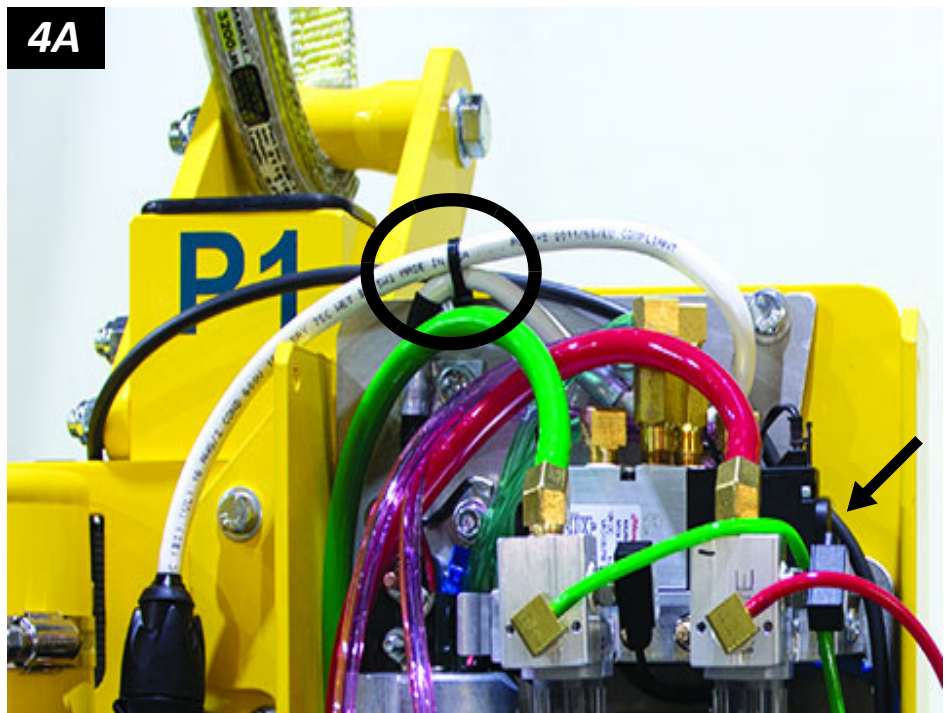


3) Remove the lifter's pump cover.

4) Route and secure the radio receiver's connection cable, to avoid damage during lifter operation:

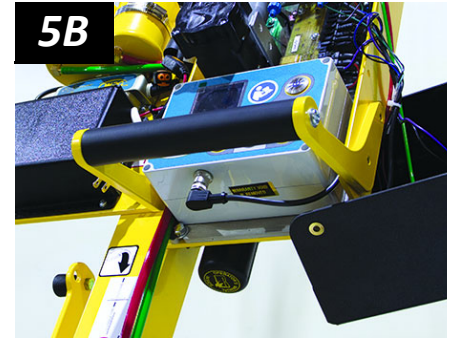
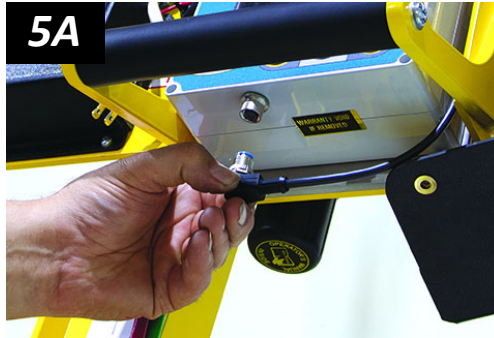
Route the cable through the pump enclosure along the side nearer to the wiring connections (see arrow in fig. 4A), until the connection cable end reaches the Intelli-Grip® control unit.

Caution: Secure the cable to vacuum hoses, using a plastic tie or other appropriate means, as shown circled in fig. 4A.



INSTALLATION

- 5) Plug the receiver's connection cable end into the control unit (figs. 5A-B).



- 6) Reinstall the pump cover (fig. 6A). Make sure to tighten the hardware securely.



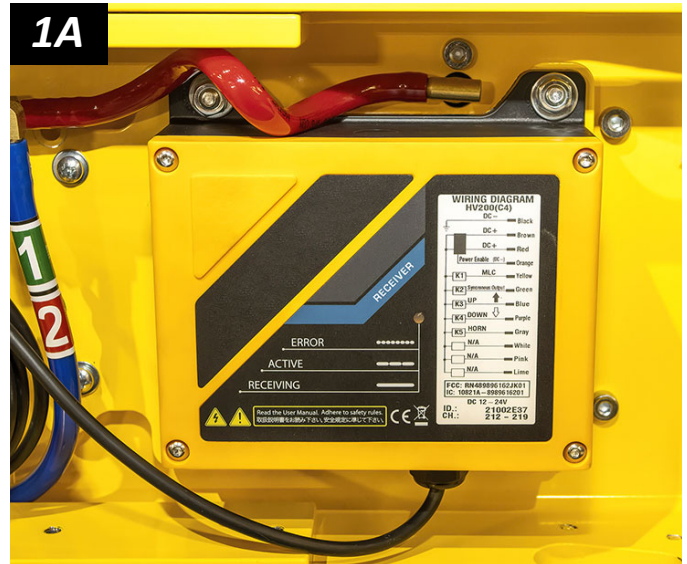
Perform “INSPECTIONS AND TESTS”, as directed in the lifter's *OPERATING INSTRUCTIONS*. **Make sure the radio transmitter and all other components of the Remote Control System are functioning correctly.**

INSTALLATION

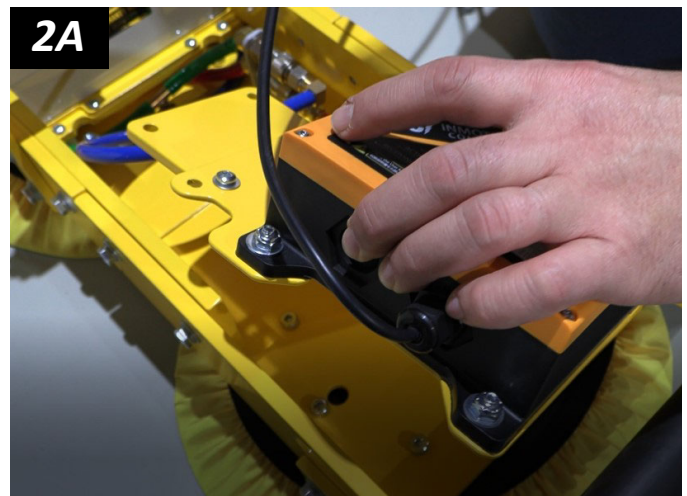
TO INSTALL ON MRTALPCH6-DC3 LIFTERS

- 1) Re-orientate the radio receiver on the primary mounting plate: Remove the receiver's mounting hardware, rotate the receiver 90° counterclockwise, and reinstall hardware. Make sure to tighten the hardware securely.

Note: Fig. 1 shows the correct orientation after attachment to the lifter.



- 2) Use provided hardware to attach the secondary mounting plate to the primary mounting plate, as shown in fig. 2A. Make sure to tighten the hardware securely.



- 3) Align the 2 holes on the secondary mounting plate with the corresponding holes on the lifter's pad frame next to the Intelli-Grip® control unit. Then use provided hardware to attach the plate to the frame. Make sure to tighten the hardware securely (fig. 3A).



INSTALLATION

- 4) Plug the receiver's connection cable end into the control unit (fig. 3A).



- 5) Route and secure the cable, to avoid damage during lifter operation.

Caution: *Secure the remaining length of cable, using a plastic tie or other appropriate means.*

Perform “INSPECTIONS AND TESTS”, as directed in the lifter's *OPERATING INSTRUCTIONS*. **Make sure the radio transmitter and all other components of the Remote Control System are functioning correctly.**

TO INSTALL ON OTHER LIFTERS

Note: See “SPECIFICATIONS” on page 3 to view a list of all compatible lifter models.

- 1) Remove the radio receiver from the primary mounting plate, saving the hardware.
- 2) Align the mounting holes on the receiver with the corresponding holes on the lifter. Then use the saved hardware to attach the receiver directly to the lifter. Make sure to tighten the hardware securely.

Note: Location varies by lifter.

- 3) Plug the receiver's connection cable end into the Intelli-Grip® control unit.
- 4) Route and secure the cable, to avoid damage during lifter operation.

Caution: *Secure the remaining length of cable, using a plastic tie or other appropriate means.*

Perform “INSPECTIONS AND TESTS”, as directed in the lifter's *OPERATING INSTRUCTIONS*. **Make sure the radio transmitter and all other components of the Remote Control System are functioning correctly.**

LIMITED WARRANTY

Wood's Powr-Grip® (WPG) products are carefully constructed, thoroughly inspected at various stages of production, and individually tested. They are warranted to be free from defects in workmanship and materials for a period of one year from the date of purchase.

If a problem develops during the warranty period, follow the instructions below to obtain warranty service. If inspection shows that the problem is due to defective workmanship or materials, WPG will repair the product without charge.

Warranty does not apply when ...

- modifications have been made to the product after leaving the factory
- rubber portions have been cut or scratched during use;
- repairs are required due to abnormal wear and tear, and/or;
- the product has been damaged, misused or neglected.

If a problem is not covered under warranty, WPG will notify the customer of costs prior to repair. If the customer agrees to pay all repair costs and to receive the repaired product on a C.O.D. basis, then WPG will proceed with repairs.

TO OBTAIN REPAIRS OR WARRANTY SERVICE

For purchases in *North America*:

Contact the WPG Technical Service Department. When factory service is required, ship the complete product – prepaid – along with your name, address and phone number to the street address listed at the bottom of this page. WPG may be reached by phone or fax numbers listed below.

For purchases in all *other localities*:

Contact your dealer or the WPG Technical Service Department for assistance. WPG may be reached by phone or fax numbers listed below.

Wood's Powr-Grip Co., Inc.
908 West Main St.
Laurel, MT 59044 USA

406-628-8231 (phone)
800-548-7341 (phone)
406-628-8354 (fax)

