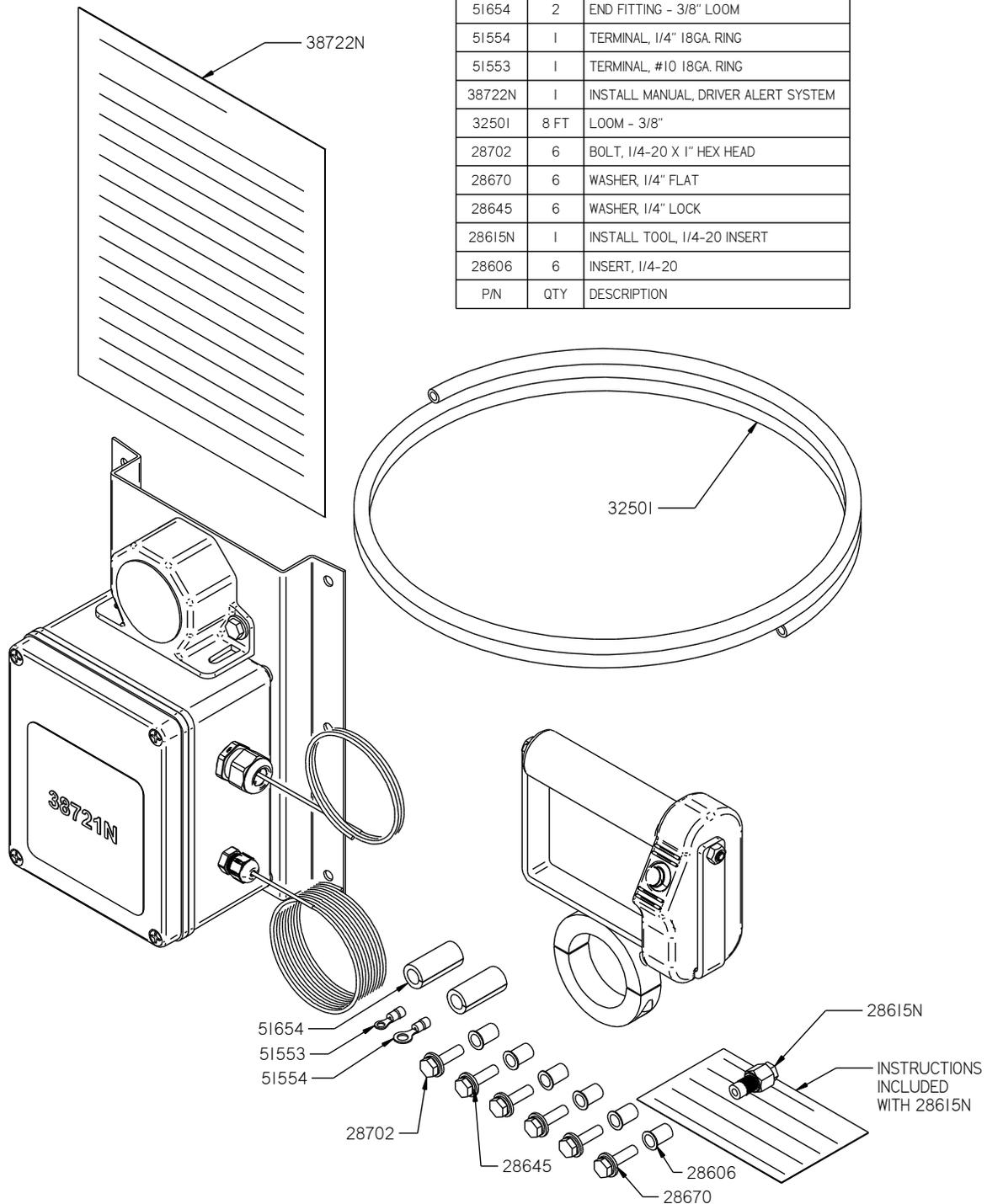


Option Kit

Driver Alert System P/N 38700N

Installation Instructions

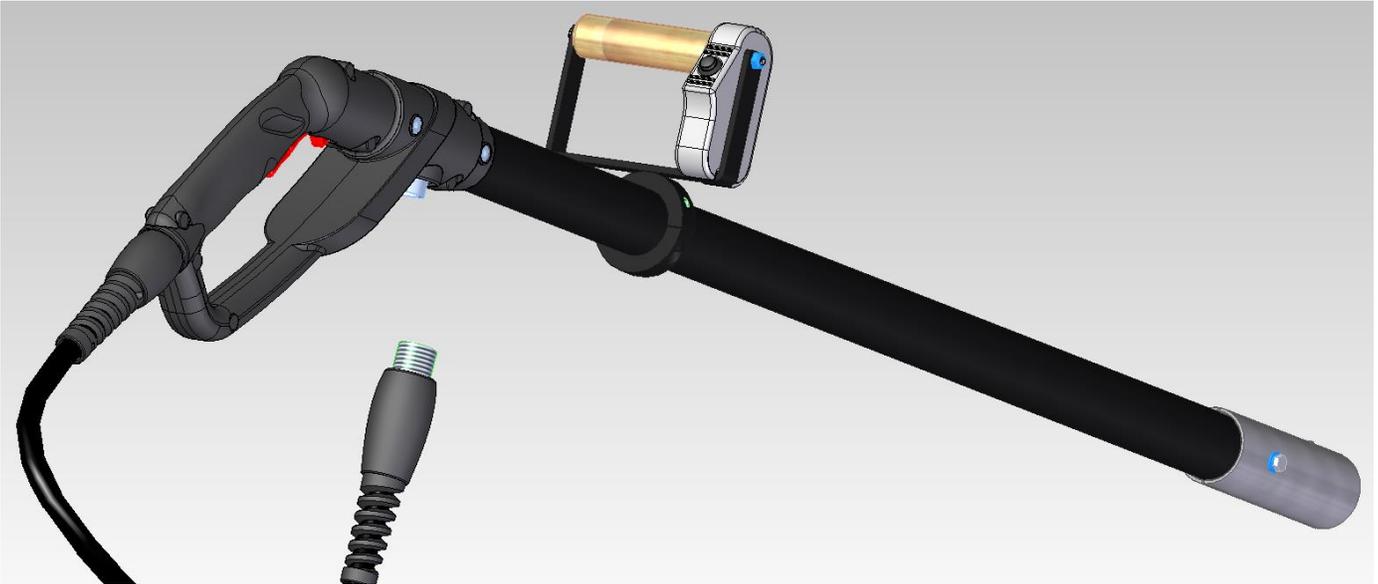
Kit Contents:



51654	2	END FITTING - 3/8" LOOM
51554	1	TERMINAL, 1/4" 18GA. RING
51553	1	TERMINAL, #10 18GA. RING
38722N	1	INSTALL MANUAL, DRIVER ALERT SYSTEM
32501	8 FT	LOOM - 3/8"
28702	6	BOLT, 1/4-20 X 1" HEX HEAD
28670	6	WASHER, 1/4" FLAT
28645	6	WASHER, 1/4" LOCK
28615N	1	INSTALL TOOL, 1/4-20 INSERT
28606	6	INSERT, 1/4-20
P/N	QTY	DESCRIPTION

Installation Instructions

1. Install the transmitter handle on the wand, replacing the original handle.



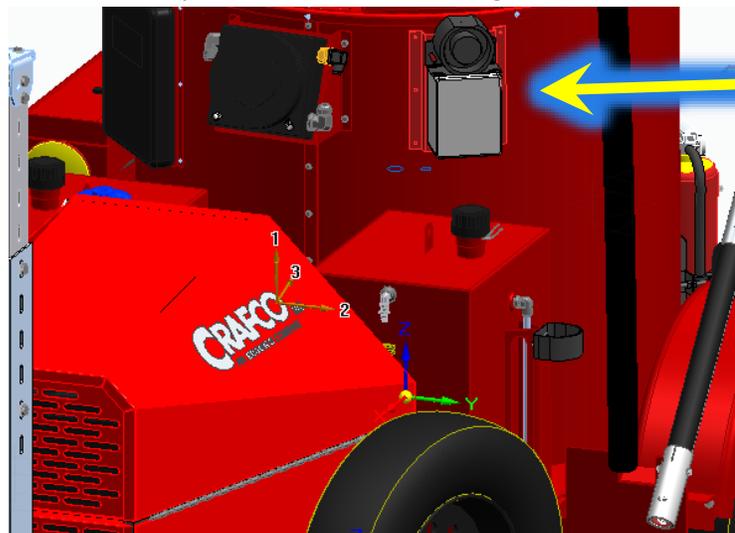
2. The handle is set up for a right-handed operator (right hand on rear handle/trigger, left hand on forward handle for horn). It can be switched by removing the bolt through the wooden dowel handle and transmitter, swapping positions (transmitter on left, dowel on right) and re-assembling.

Installation Instructions

3. Chose a location on the forward, driver's side region of the material tank large enough for the Receiver/Horn assembly to fit. The location must be near the top of the tank for optimal performance. (Do NOT install below the burner flue on the top of the tank – the flue extends down behind the tank skin about ½ the height of the tank. The flue walls will interfere with the installation of the inserts and will subject the bolts to high heat.) Using the mounting holes in the bracket, mark the six bolt-hole locations. Install the six inserts (#28606) into the side of the material tank on the machine, following the instructions included with the Install Tool (#28615N).

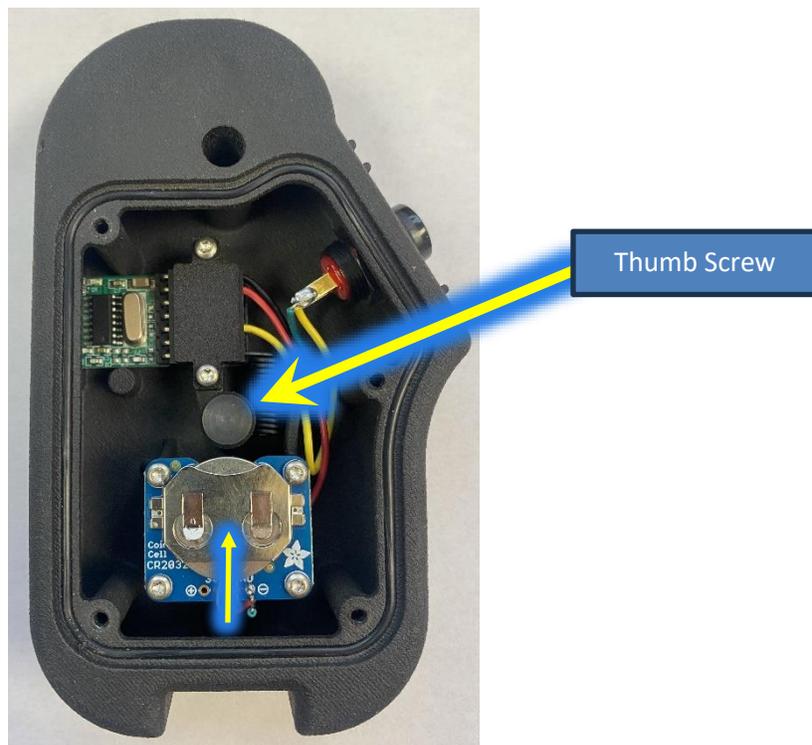


4. Bolt the Receiver/Horn assembly to the material tank using the included hardware.



Installation Instructions

5. Cut the black ground wire to length to reach the top right mounting bolt. Strip the wire, and crimp on the ¼" ring terminal (#51554). Remove the bolt, slide the ring terminal on the bolt under the washers and re-install the bolt.
6. Route the red power wire to the lid switch next to the loading door on the top of the material tank. Cut the wire to length and crimp on the #10 ring terminal (#51553). Install the ring terminal to the screw post on the red wire on the lid switch (NOT the red/white stripe wire). Cover the wire with the 3/8" wire loom included with the kit and install the loom ends (#51654).
7. The receiver/horn will be powered when the material temperature is above 275°F (engine running high speed, hydraulics active). Test the system with the material tank hot (>275°F) with the material loading lid OPEN. If the horn does not work when the material tank loading lid is open and the horn button on the transmitter is pressed, then switch the red power wire from the receiver assembly to the other post on the lid switch.
8. The transmitter in the handle is powered by a battery (type CR2032, 3VDC – same as used in typical small electronic devices). To replace the battery, remove the transmitter assembly from the handle by removing the bolt through the wooden dowel handle and transmitter. Remove the 4 screws and remove the cover plate to gain access to the internal transmitter assembly. Remove the nylon thumb screw to gain access to the battery and slide the old battery out in the direction of the arrow. Put the new battery in with the positive side facing up. Before reinstalling the cover, ensure the O-ring is fully seated in the groove and not twisted to ensure the assembly stays waterproof, then use the 4 screws to secure the cover plate. Use the handle bolt to secure the wooden dowel handle and transmitter assembly to the handle bracket.



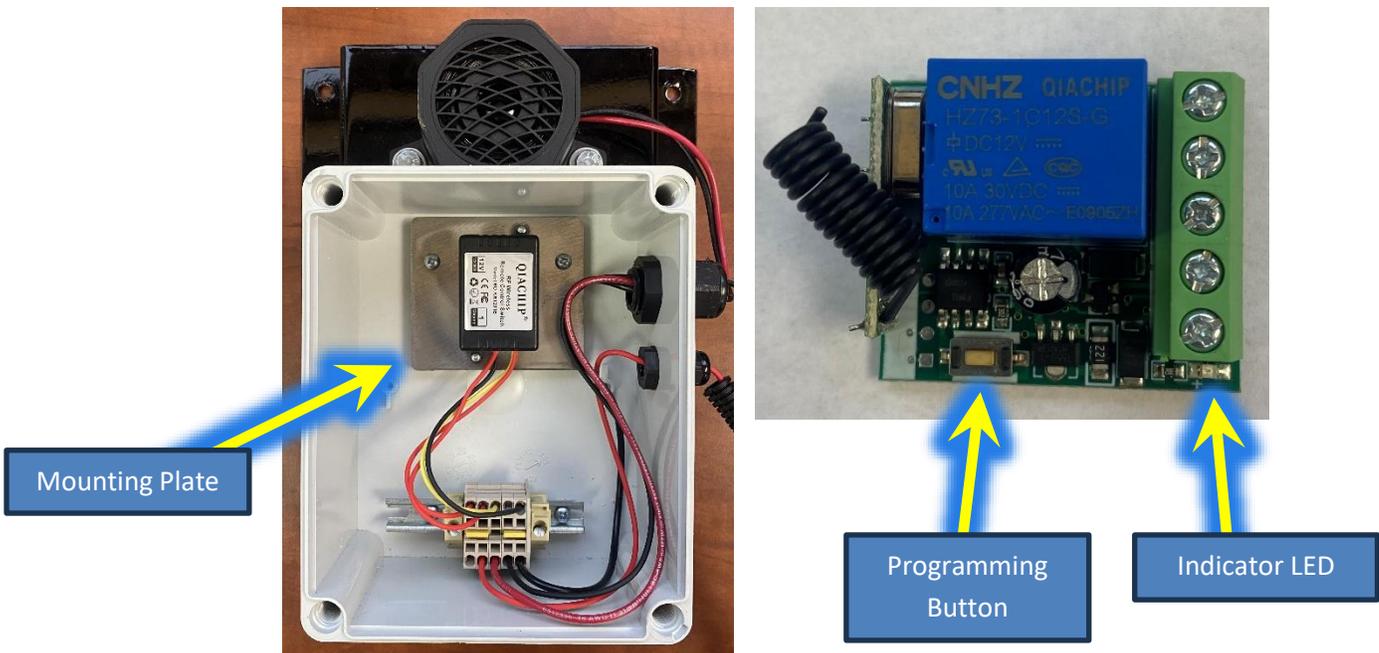
Installation Instructions

PROGRAMING REMOTE TRANSMITTER & RECEIVER:

The wireless system uses self-learning technology to identify the remote's coded radio signal. When programming is completed, the receiver will lock the coded signal into its memory, and then will only be controlled with your remote.

IMPORTANT: This system comes paired in advance. You will need to program the receiver (steps 1-5 below) if you change the transmitter or the receiver.

1. Start and run the machine up to operating temperature. The material in the tank must be above 275°F for the system to operate.
2. Remove the plastic screws and cover of the receiver enclosure. Remove the steel mounting plate to access the lock nuts securing the receiver to the plate. Remove the nuts to release the receiver and gently pry open the case containing the receiver. Locate the programming button on the receiver as shown below.
3. Press the programming button on the receiver once. The indicator LED will flash red then stay solid red. Press and hold the button on the transmitter assembly (on the wand) until the indicator LED turns off. Release the button on the transmitter assembly and press it again to test the connection.



4. The system has been successfully programmed and is now ready to use.
5. Place the receiver back in its case, secure the receiver case to the mounting plate, and reinstall the mounting plate in the enclosure. Finally, use the plastic screws to secure the cover to the receiver enclosure.

End of Instruction...