

SERIES 500 INSERT READER REPAIR KITS



9292 Jeronimo Road
Irvine, CA 92618-1905
Phone : +1 (949) 598-1600
Fax : +1 (949) 598-1619

3116-0309 Head Assembly Kit, 2-Wires

3116-0310 Head Assembly Kit, 3-Wires

Head kit consists:

- 1-Read head assembly
- 2-Screws
- 1-Instructions 2280-3920

INSTALLATION INSTRUCTIONS

- 1) Release the reader cover from its base in the normal manner. See instructions on back.
- 2) Before removing the old head assembly from the reader base:
- 3) Note the location of the mounting screws. The new read head assembly must be installed in like manner to prevent changing the read head track
- 4) Note that the mounting screws are purposely loose to allow the read head assembly to “float”.
- 5) Carefully remove the two read head mounting screws using a small phillips screwdriver.
- 6) Unplug the read head assembly connector from the circuit board. On models without this feature, cut the read head wires leaving enough on the circuit board for pigtail soldering.
- 7) Plug in the new read head assembly connector to J2 of the circuit board. **NOTE:** On models without the J2 pins, cut off new read head assembly connector and solder remaining ends of white wire to pigtail on the circuit board. Check for solder bridges.
- 8) Position new read head assembly on reader base and secure with the two mounting screws. Do not over tighten or this may result in stripping the threads on the reader base. See FIG. 1.
- 9) To attach the reader cover, place the “ridge” on the inside top of the cover into the corresponding “channel” on the reader base, and then push the lower portion of the cover toward the base until the cover release tabs “pop” as they lock in place. See FIG.2.

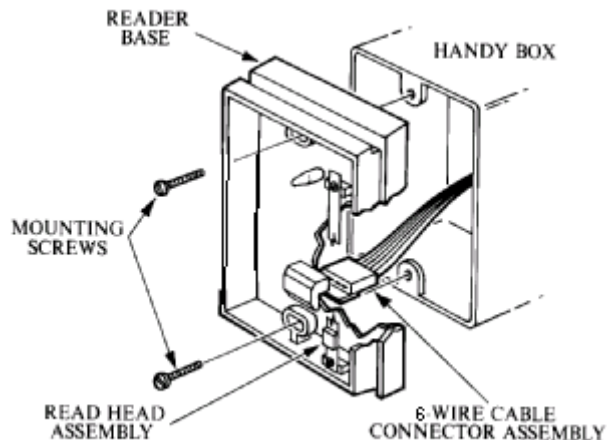


Figure 1

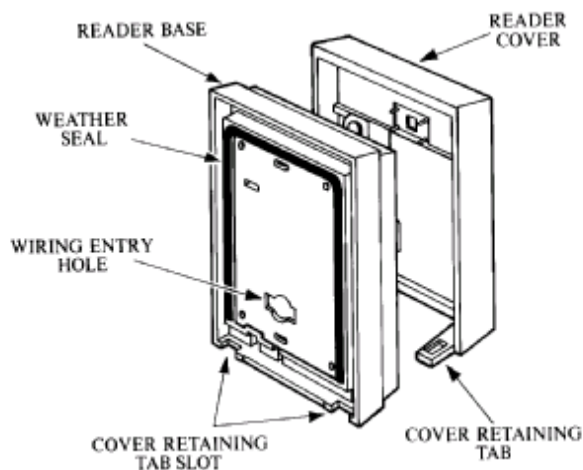


Figure 2

NOTE: Check that read head assembly wires are not tangled with any components that may restrict read head movement.

P/N: 2280-3920
REV 4
(NA3920)
ECO# 122602-1

SERIES500 INSERT READER REPAIR KITS



620 Compton St. Suite: 200
Broomfield, CO 80020
Voice: (303) 302-2400
Fax: (303) 302-2210

RELEASING READER COVER

- 1) To release the reader cover from the base when the reader is mounted. Use the Cover Release Tool. See FIG.3
- 2) Insert the tool at the lower end of the reader in the thin opening between the wall and the readers base.
- 3) When the tool is inserted as far as it will go (about 1/4"), move it to the far right side of the slot.
- 4) Pull the tool firmly downward (about 1/16") until the right retaining tab releases slightly. Grasp the lower end of the reader cover. Apply gentle pressure, holding the cover away from the base
- 5) Re-insert the tool and in a similar manner release the left retaining tab. As the second tab releases, the cover should "pop" loose at the lower end of the base. Pull the cover back about a 1/2" and lift up to separate the cover and base.
- 6) To release the reader cover from the base when the reader is not mounted.
- 7) Hold the reader in the palm of your hand with the base facing up, and with the card insertion slot pointing away from you, as shown in FIG.4. With the reader placed as shown in FIG.4, push the cover retaining tab (about 1/16") using your thumb nail until that slide "pops" free.
- 8) Place reader in opposite hand, and in similar manner repeat the previous step to release opposite retaining tab.
- 9) Lift the base at the "tab" end approximately 1/2", and while holding the cover steady in the palm of your hand, move the base forward (away from you) to separate the base from the cover.

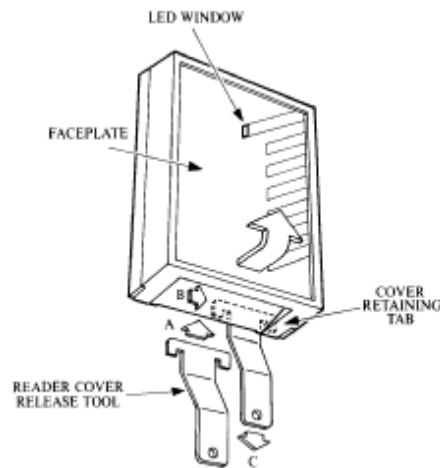


Figure 3

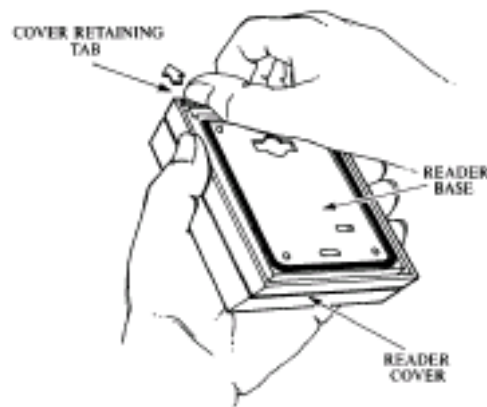


Figure 4

CAUTION

Before touching any internal reader parts,
Touch a grounded surface to discharge static
electricity from your body.

P/N: 2280-3920
REV 4
(NA3920)
ECO# 122602-1