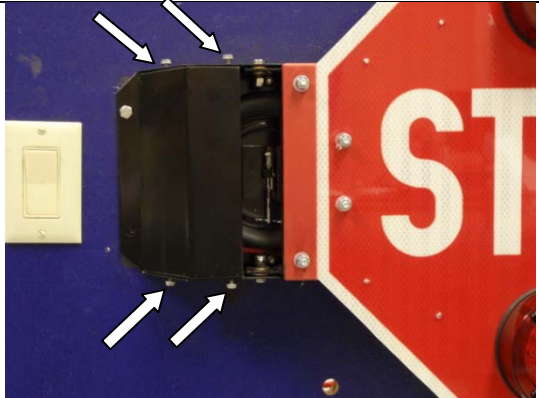
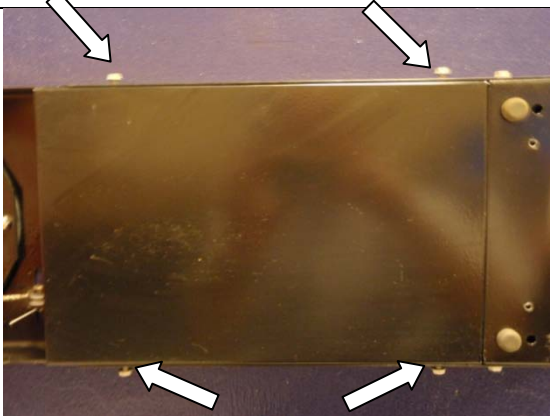
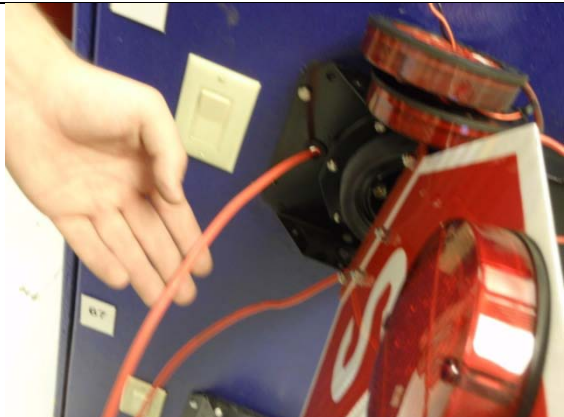




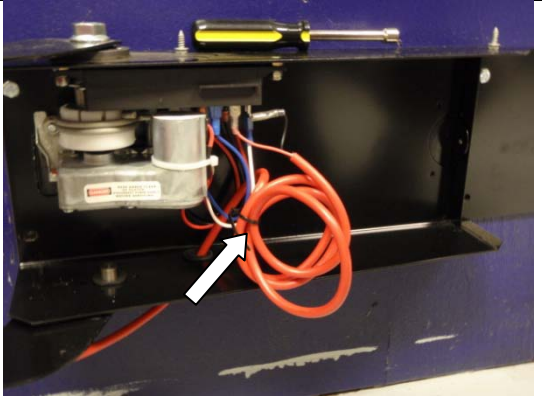
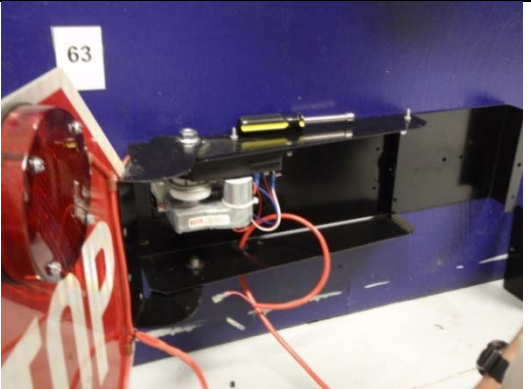
TECHNICAL BULLETIN -
SUBJECT: Replacing 290 light kits on Specialty Stop Arms

Effective Date: 05/05/09 Revised Date: --/--/--

AIR UNITS	
	1. Using a 5/16" wrench or driver, remove the 4 screws holding the front cover on. 
2. Using a 5/16" wrench or driver, remove the four screws that hold the center cover on.	3. Remove the spring from the cable so that the blade will remain open while changing lights.
 4. Using a 3/8" wrench or driver, remove the nut that holds the wire clip to the diaphragm plate.	 5. Pull the wire through the grommet and disconnect from the bus, make note of what each wire plugs into for reinstallation. Proceed to step 6.



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ELECTRIC UNITS	
	1. Using a 5/16" wrench or driver, remove the screw that holds the rear of the cover on the unit. (if equipped with windguard, remove as well with same tool.)
	
2. Using a 5/16" wrench or driver, remove the screw that holds the front of the cover on the unit.	3. Remove the cover and cut the tie holding the light wires together. Note that the red wire from lights plugs into "Strobe +", and the black into "Strobe - or GND"
	
4. Pull light wire through the grommet to remove from unit. Proceed to step 10.	5. Proceed to step 6.



TECHNICAL BULLETIN -
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6. Using a ¼" wrench or driver, remove the 4 screws holding the wire clips to the blade.	7. Using a ¼" wrench or driver, remove the 4 screws from each of the two light sets.
8. Disconnect the wires between the two lights, and remove all 4 lights from the blade.	9. Note the date code on the back of the lights to make sure they fall within the specified range.
	DO NOT OVER TIGHTEN FASTENERS. (Screws through the lenses should be tightened to 15 in-lbs)
10. Reverse the process to install the new lights. Note that the longer lead light is mounted to the top of the blade.	11. Also make sure to note that each light has a designated top and needs to be oriented as such. (Remember to reconnect the spring on air units.)

Ω End of Document Ω