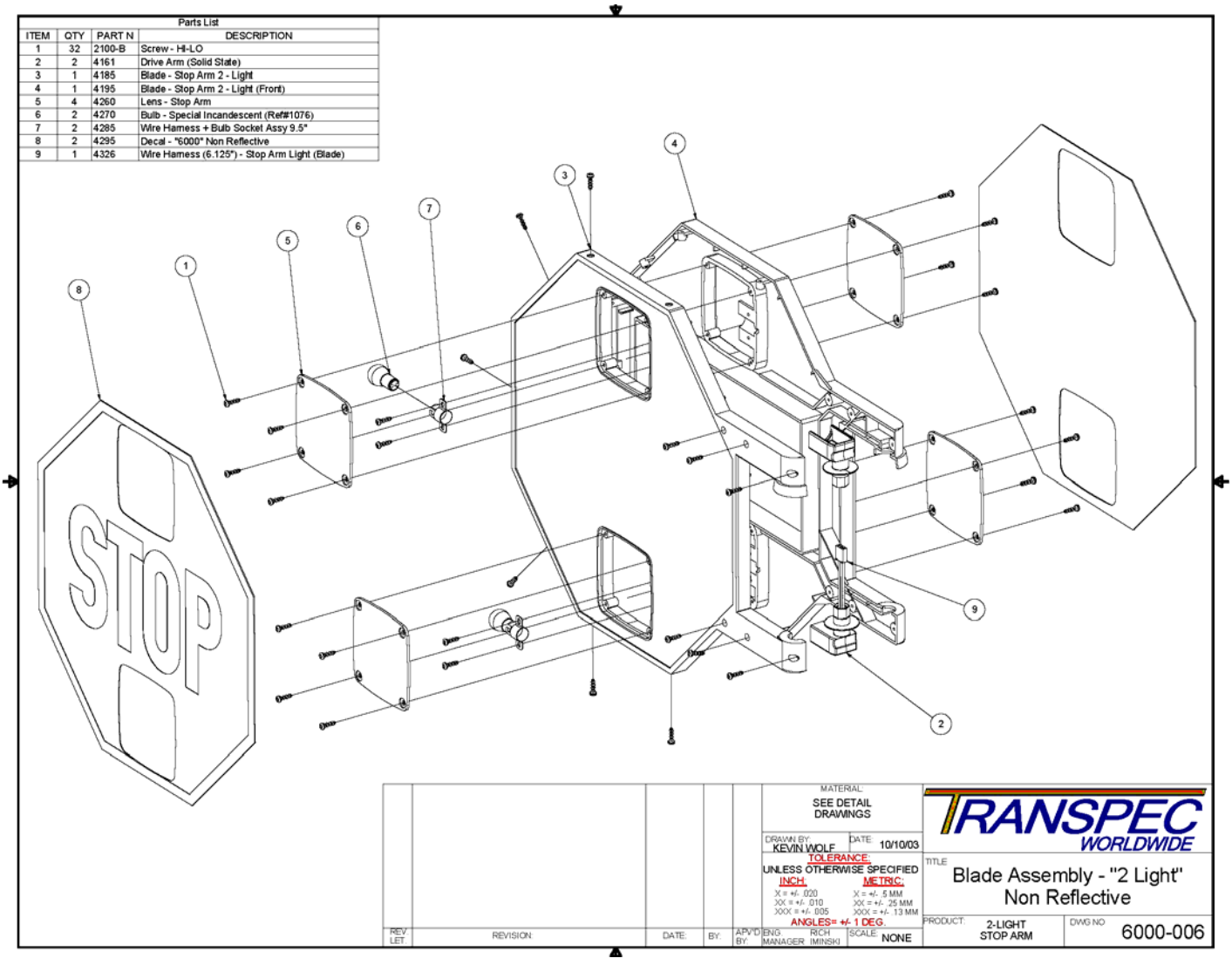
STOP ARM LIGHT TROUBLESHOOTING:

INCANDESCENT:

A) *LIGHTS NOT WORKING:*

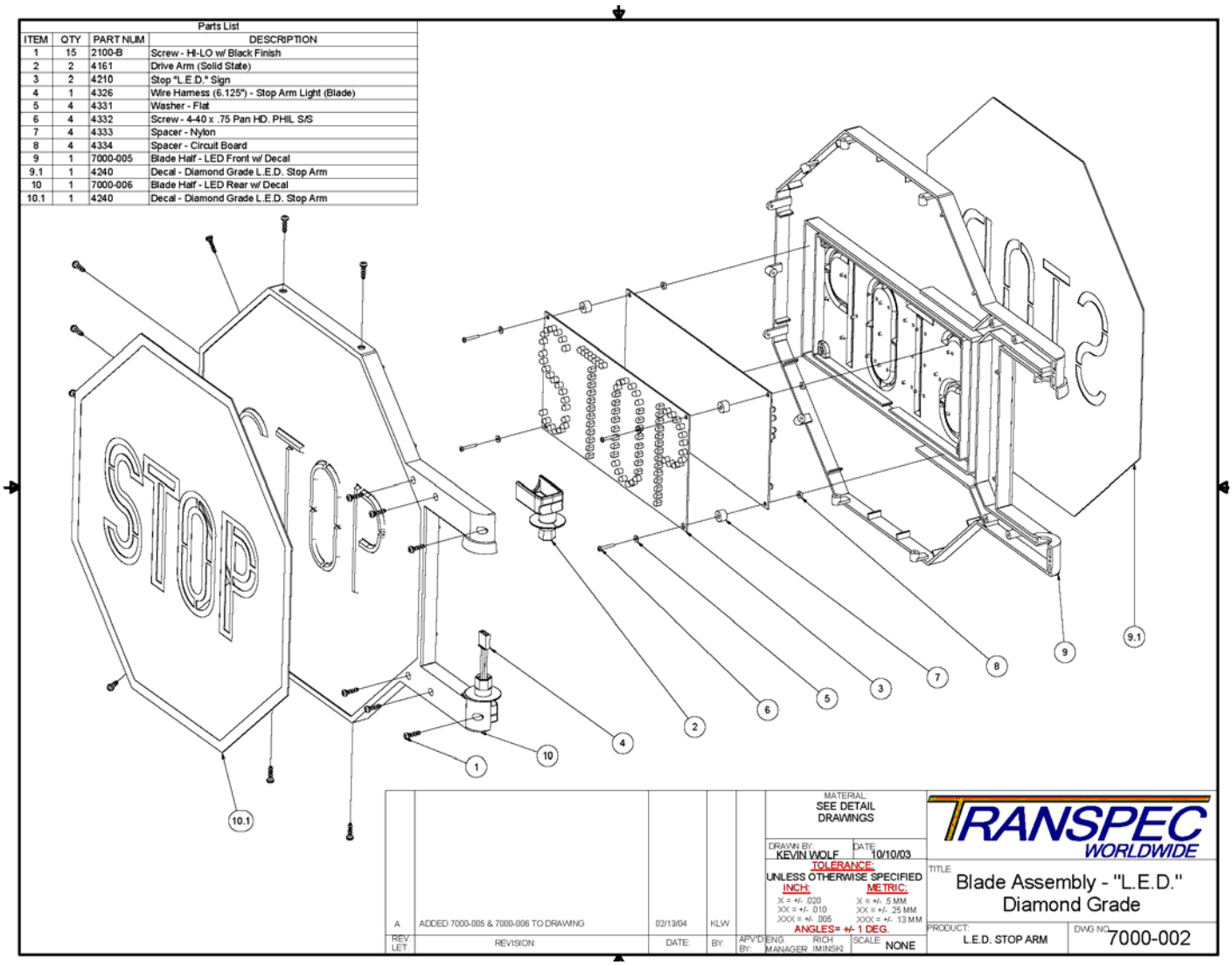
- Loosen the (4) torx screws holding the lens in place.
- Check bulb (replace if needed).
- If no replacement needed secure the lens back to the blade.
- Loosen the (4) cover screws and take off cover.
- Check all wire connections (replace if needed).
- If tail harness is good then release and pull off stop arm blade from housing.
- (Check blade lights on independent power supply)
    - Wiring: Black to ground, white to positive for light 1 and white w/ blue to positive for other light.
    - Wiring (Built in Flasher): Green to Ground, Red to +12 V.D.C., Blue to activate.
- If there continues to be no light, take out the (15) torx screws holding the halves together.
- Check all wire connections (replace if needed).
- Re-secure the (15) torx screws, set blade in housing and plug in harness then confirm operation.
- Re-secure cover and cover screws
- Refer to drawing 4696 at end of troubleshooting sheet for torque & wiring requirements.



L.E.D. "STOP":

A) ***LIGHTS NOT WORKING:***

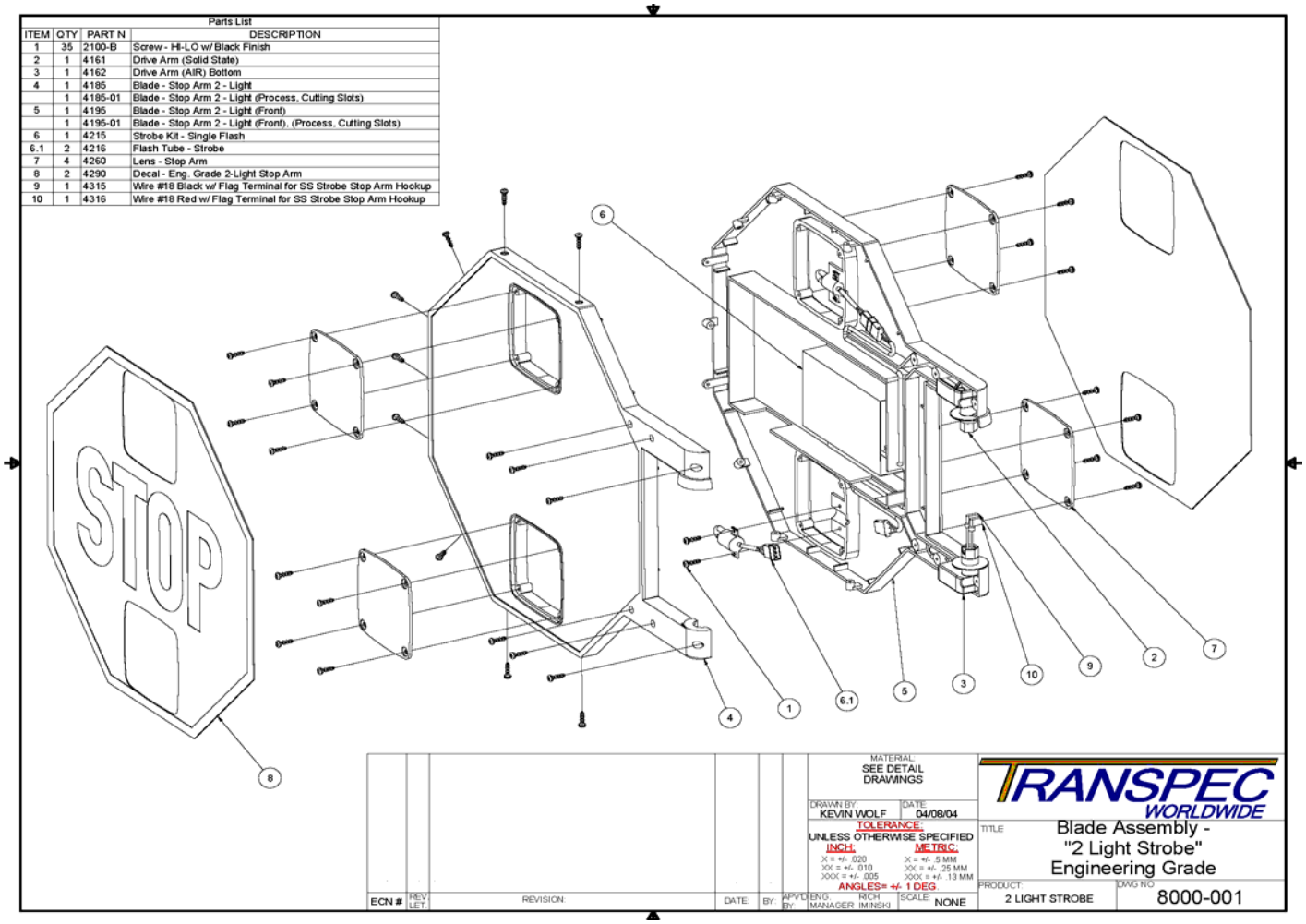
- Loosen the (4) cover screws and take off cover.
- Check all wire connections (replace if needed).
- If tail harness is good then release and pull off stop arm blade from housing.
- (Check blade lights on independent power supply)
    - Wiring: Black to ground, white to positive for light 1 and white w/ blue to positive for other light.
    - Wiring (Built in Flasher): Green to Ground, Red to +12 V.D.C., Blue to activate.
- If there continues to be no light then take out the (15) torx screws holding the halves together.
- Check all wire connections (replace if needed).
- Check wires and solder on circuit board.
- To replace circuit board, loosen the 4 screws, washers and spacers.
- Replace circuit board, re-secure screws, washers, spacers and butt splice wires to tail harness.
- Re-secure the (15) torx screws, set blade in housing and plug in harness then confirm operation.
- Re-secure cover and cover screws
- Refer to drawing 4696 at end of troubleshooting sheet for torque & wiring requirements.



“2-LIGHT” STROBE (GAS)

A) *LIGHTS NOT WORKING:*

- Loosen the (4) torx screws holding on the lens.
- Check bulb (replace if needed).
- If flash tubes are ok then secure the lens back to the blade
- Loosen the (4) cover screws and take cover off.
- Check all wire connections (replace if needed).
- If tail harness is good then release and pull off stop arm blade from housing.
- Check blade lights on independent power supply.
    - Wiring: Black to ground, red to +12 V.D.C.
    - Wiring (Built in converter): Green to Ground, Red to +12 V.D.C., Blue to activate.
- If there continues to be no light then take out the (15) torx screws holding the halves together.
- Check all wire connections (replace if needed).
- To replace strobe pack
    - Unplug the flash tubes
    - Pry strobe pack from blade
    - Clean off old tape
- Replace strobe pack
    - Route wiring
    - Plug in flash tubes
    - Butt splice wires to tail harness
- Re-secure the (15) torx screws, set blade in housing, plug in harness in and confirm operation.
- Re-secure cover and cover screws
- Refer to drawing 4696 at end of troubleshooting sheet for torque & wiring requirements.



“2-LIGHT” STROBBING L.E.D.

A) *LIGHTS NOT WORKING:*

- Loosen the (4) cover screws and take off cover.
- Check all wire connections (replace if needed).
- If tail harness is good then release and pull off stop arm blade from housing.
- Check blade lights on independent power supply.
    - Wiring: Green to Ground, Red to +12 V.D.C., Blue to activate.
- If there continues to be no light then take out the (15) torx screws holding the halves together.
- Check all wire connections (replace if needed).
- To replace a slave board, loosen the (4) torx screws holding in the lens assembly.
- Unplug tail harness and replace with new circuit board.
- Plug in new slave board; re-secure the (4) torx screws.
- To replace the master board, loosen the (4) torx screws holding in the lens assembly.
- Unplug all slaves, pull off bottom drive arm from blade and pull master board off with all wires and drive arm through the hole.
- Replace with new master board, re-secure the (4) torx screws, route all wiring thru slots, plug in tail harness to each slave, (top must power up to plug in to correct slave) set drive arm in place.
- Re-secure the (15) torx screws, set blade in housing and plug in harness in then confirm operation.
- Re-secure cover and cover screws
- Refer to drawing 4696 at end of troubleshooting sheet for torque & wiring requirements.