

# Repair Procedure: Air Base Plate Remove and Install

## Recall #06E090000      Repair Kit #4819-001

### MODEL:

**SUBJECT:**      TRANSPEC AIR BASE - CROSSING ARMS INSERT

**PAGE:**          1 OF 1

**Safety Precautions:** Before attempting to work on the air system, observe the following precautions.

- Disconnect batteries.
- Since the compression and storage of air can be compared to energy in a coiled spring, when released, it can present a hazard if not properly recognized.
- The wheels of the vehicle must always be chocked so that depletion of air will not permit the vehicle to roll.
- When draining the system, do not look into the air jets or direct them toward a person, as dirt or sludge particles can be carried in the air stream.
- Hoses will whip dangerously if disconnected under pressure. Follow the manufacturer's recommended procedures when working on any air devices so as to avoid injury or damage from parts which, when released, are subject to mechanical (spring) or pneumatic propulsion. Installation procedures for the Stop Arm and Crossing Arm are provided by Transpec on the following pages. Perform this repair procedure, reinstall, and check operation.

1. Remove the (4) ¼-20 lock nuts at the rear of the bumper holding the cross arm to the bumper.



2. Remove cross arm from bumper, then remove air fitting.



3. Remove the 4 cover screws (#3 Phillips), gently lift the cover up and off the base housing.



4. Gently lift the bracket assembly up and to the right.



5. Remove the (9) torx screws and remove air cradle.



6. Grip the edges of air base plate #4820 and remove.



7. Set the air plate part #4819 into the base as shown.



8. Place O-ring carefully in groove on back of air cradle.



9. Re-install the air base assembly. Fasten w/(9) torx screws.  
**NOTE: 15 in-lbs max!**



10. **NOTE:** gaskets must be positioned over the locator pins.



11. When Re-Installing arm, make sure bushings rest on outside of the housing.



12. Replace cover assuring proper gasket position, install 4 screws and tighten. **NOTE: 20 in-lbs Max!**



13. Re-install the air fitting. **Insert finger tight, then 1 ½-2 turns with 9/16 wrench!**  
14. Re-install cross arm assembly onto bumper, slush cover and cross arm pole.

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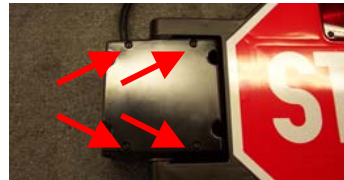
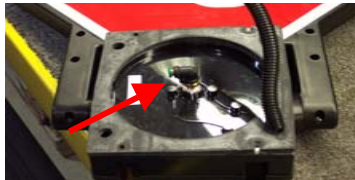
### MODEL:

**SUBJECT:** TRANSPEC AIR BASE – STOP ARMS INSERT

**PAGE:** 1 OF 1

**Safety Precautions:** Before attempting to work on the air system, observe the following precautions.

- Disconnect batteries.
- Since the compression and storage of air can be compared to energy in a coiled spring, when released, it can present a hazard if not properly recognized.
- The wheels of the vehicle must always be chocked so that depletion of air will not permit the vehicle to roll.
- When draining the system, do not look into the air jets or direct them toward a person, as dirt or sludge particles can be carried in the air stream.
- Hoses will whip dangerously if disconnected under pressure. Follow the manufacturer's recommended procedures when working on any air devices so as to avoid injury or damage from parts which, when released, are subject to mechanical (spring) or pneumatic propulsion. Installation procedures for the Stop Arm and Crossing Arm are provided by Transpec on the following pages. Perform this repair procedure, reinstall, and check operation.



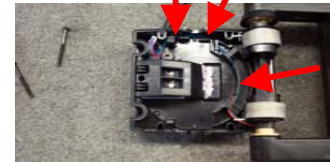
1. Remove the entire stop sign from bus (Not Shown).
2. Remove the air fitting (9/16" wrench).

3. Remove the ( 4 ) cover screws (#3 phillips). Gently lift the cover up and off the base housing.

4. Note the location of the wire routing.

5. Gently lift the blade assembly up and to the right. Disconnect the small molex connector in the upper right corner.

6. Remove the (9) torx screws (T-20).



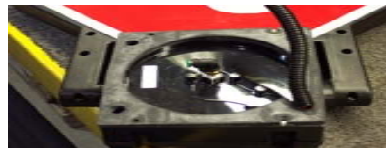
7. Remove the air base assembly. Grip the edges of the plate #4820 and remove off the base.

8. Set the air plate part #4819 into the base with end mounting hole to the left.

9. Verify the base "O" ring is fitted into the groove correctly before re-installing the air base assembly.

10. Note, gaskets must be located over the pins.

11. Re-install the air base assembly, note the wires are placed in the channel correctly.
12. Re-install the (9) torx screws (15 in. lbs. max).



13. After re-positioning the blade assembly, re-check the wire routing. Do not forget to re-connect the molex connector in the upper left corner.

14. Assemble the cover assembly, ensure the gasket is in proper position prior to inserting and tightening the (4) screws (20 in lbs max).

15. Re-install the air fitting. Go finger tight then 1 ½-2 turns with 9/16 wrench.
16. Re-install the entire stop sign onto the bus.