On the Thomas Saf-T-Liner buses manufactured with integrated crossing arms after 03/15/01

it may be necessary to occasionally adjust the crossing arm in the event that the crossing arm

loses its orientation with the bus bumper. This can be accomplished by using the following

method.

1. Locate the adjustment screws located on the hinge arm pivot at the top of the black

box behind the bumper. These can be accessed from below the bus.

2. Open and close the crossing arm by activating the door switch.

3. If the crossing arm closes and makes contact with the magnet, the arm is adjusted

properly.

4. If the crossing arm does not close and make contact with the magnet, measure

distance between crossing arm and magnet.

5. Open crossing arm using door switch.

6. Loosen adjustment screw locknuts and adjustment screws.

7. Push crossing arm toward the closed position the distance measured in step 4 plus 4”.

8. Tighten adjusting screws and locknuts.

9. Close crossing arm. Arm should now contact magnet.

10. If motor continues to run after closing, loosen adjusting screws and locknuts and

allow motor to stop running.

11. Tighten locknuts and adjusting screws. Unit should now be adjusted properly.

Safe Fleet Bus & Rail

13501 South Ridge Drive

Charlotte, NC 28273

Toll Free: 800-951-STOP (7867)

Phone: 704-247-9300

Fax: 980-216-4606

[www.safefleet.net](http://www.safefleet.net)

For Technical Support, Email: ncTechSupport@safefleet.net

More technical publications available at: <https://busandrail.safefleet.net/resources/technical-bulletins/>

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