

Effective Date: 1/00 Revised Date: 2/7/05

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.