Only Perform Test If Speed Is Greater Than 200 FPM!

ESL TESTING INSTRUCTIONS

The ESL Test is to be performed before the car is placed in service.

Before the test begins ensure that the controller is in an intermediate floor (not a terminal landing). There are three (3) controller parameters involved with the ESL system. The parameters are:

- PAR[180] = ESL CHECK ENGAGE (0 = NO Check, 1 = Check)
- PAR[181] = ESL 1 RPM SPEED
- PAR[182] = ESL 2 RPM SPEED

NOTE: In order to enable the controller to allow you to change the values of these parameters, you must change the value of PAR [20] to 3.

Test Procedure

1. Verify that the Low Speed Slowdown Limits (52 and 53) are set at the appropriate distance from the terminal landings.
2. Verify that the High Speed Slowdown Limits (52M and 53M) are set at the appropriate distance from the terminal landings.
3. Set PAR [181] to the High Speed RPM value.
4. Set PAR [182] to the Low Speed RPM value.

NOTE: ESI uses a second set of safety parameters that could interfere with the ESL testing. Please ensure that steps 5 and 6 are taken so that the ESL test can be performed accurately.

5. Set PAR [81] to12. PAR [81] is the Slowdown Distance 1 Parameter.
6. Set PAR [82] to12. PAR [82] is the Slowdown Distance 2 Parameter.
7. Set PAR [83] to12. PAR [83] is the Slowdown Distance 3 Parameter if present.
8. Jump 52M so that it does not break when the car passes the switch.
9. Run the car into the bottom floor.
10. Upon reaching 52, the car will shut down and the ESI LCD display will show the status of the car as ESL Error.
11. Toggle the Controller Inspection Switch to clear the error.
12. Remove the jumper from 52M.
13. Move the car to the center of the hoist way.
14. Jump 53M so that it does not break when the car passes the switch.
15. Run the car into the top floor.
16. Upon reaching 53, the car will shut down and the ESI LCD display will show the status of the car as ESL Error.
17. Toggle the Controller Inspection Switch to clear the error.
18. Remove the jumper from 53M.
19. Reset PAR [82] and PAR [82] to the correct distance values.