

Installation instructions for the MCI E model conversion kit

1. Please read all instructions before installation of the kit.
2. Turn battery power off from coach, and disable engine from rear remote junction box.
3. Remove original light assemblies from coach and set aside. Leaving sockets protruding from original area of light, or mark wiring and sockets with masking tape indentifying light (tail, stop, and signal).
4. Place new fiberglass housing against coach over existing (old) light piece to get a rough idea where to cut along the upper seam line.
5. Using making tape, tape off area both on top and below the seam line to be cut. Using a cut off wheel tool, cut along the seam line from left to right all the way through.
6. Once the seam line has been cut, the old light molding should be ready to be removed; it may be still attached from some of the old glue. A good tug should be all it takes to remove it.
7. Once you have the old light molding off and out of the way, use a pneumatic gasket removing tool to remove any and all glue and dirt from all of the stainless steel posts to insure they are both free of all dirt, old glue and debris.
8. Clean all posts with denatured alcohol (not included in kit). Then temporarily place new fiberglass molding in place, using a small drill bit, drill 4 holes in the new fiberglass molding on both the upper and the lower corners. These holes will later have rivets (1/8) in them (not included in kit). Our new fiberglass panels have an added 1" on the side near the service door side. Trim piece to fit, once temporarily installed with the sheet metal screws. Hold on to the trimmed pieces you may need them for shims later on.
9. Remove the sheet metal screws and the new (trimmed) fiberglass panel. Clean again with denatured alcohol (not included in kit) and clean both the fiberglass and the posts once again. Apply the Sika primer (purchased separately) to all the posts and the inside of the fiberglass panel allow to dry for 5 minutes. Then apply a generous amount of Sika 252 black to both the post and along bottom post.

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10. Apply the new fiberglass panel back in place. At this point you may need to cut the trimmed off piece into 1” square pieces to use as shims near the 4 drilled hole points to even new fiberglass piece to existing fiberglass on coach. Shim out and drill a hole through the shim pieces. Once that is complete insert the 4 rivets into the 4 corners and allow to cure.
11. There will be a slight gap at the top of the new light panel and the seam line where you previously made your cut. Fill in this gap with the Sika 221 white (included in kit). You will find it easier to get a smooth finish on this sealer if you stick your finger tip into some denatured alcohol and rub your finger along the seam.
12. Now it is time to wire in the new light pigtails, the general rule of thumb on the new pigtails is as follows; White = ground Black = major and Red = minor. Once all pigtails are wired in you can place the rubber grommets into the new light housing along with the new 4” LED light assemblies.
13. Follow same instructions for opposite side.
14. Allow 8 hours for proper curing time.
15. Turn rear engine switches to run position, turn batteries back on and check operation of the new lights.
16. Enjoy!

Coach Transit Components Inc

www.coachtransitstore.com

Toll Free 877-500-6999 Fax 407-964-1427 Local 407-403-2494