



PROTERRA



SHIP SHORT

ISSUE DATE:	3-25-2020
SERVICE BULLETIN SUBJECT:	Mirror Mount Hardware Retrofit
VINs or MODELS AFFECTED:	Service Specified Buses
COMPLETE BY:	Next Service Opportunity
SERVICE BULLETIN #:	SC-20-52

NOTICE! It is expected that this process will require 1 hour per bus. Please schedule appropriately to minimize vehicle downtime.

MIRROR MOUNT HARDWARE RETROFIT

Retrofit Description:

This procedure replaces the Streetside mirror bolts with “Break Away” bolts that were not available at the time of manufacture.

Tools/Parts Required

Tools and Supplies Required:

- Ratchet
- 5/8-Combination Wrench
- 5/16 Allen Socket
- Calibrated Torque Wrench
- Orange Torque Stripe Paint

Kit Parts Required:

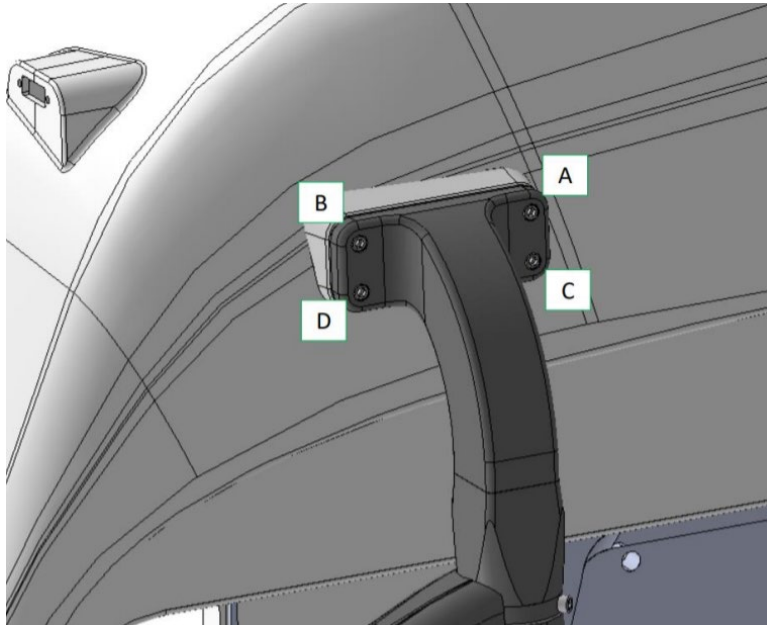
- 052907 RETROFIT KIT, MIRROR BOLTS, HIGH MOUNT, SS (Consisting of)
 - 050698 SCREW, CAP, 3/8-16 X 4 3 EA
 - 050697 SCREW, CAP, 3/8-16 X 3 1 EA

Parts Not Included in Kit:

- 001912 CABLE TIE, 11.5 BLACK 292MM" 5 EA
- 017043 SIKAFLEX, SEALANT (300ML) 1 EA

Procedure

1. Complete the Proterra approved Lockout/Tagout procedure to make the bus safe for work.
2. Using a T-30 Torx Driver, remove any interior panels necessary to reach the Streetside exterior mirror mounting nuts.
3. Using a Ratchet with a 5/16-Inch Allen Socket on the outside of the bus and a 5/8-Inch Combination Wrench on the inside of the bus, loosen the four bolts shown in the following illustration.



4. Replace the Bolt shown above in Position C with a new 3-Inch Bolt (050697).
5. Using a Sikaflex Gun, apply a small amount of Sikaflex around the interior end of the bolt before adding the Nut that was removed earlier.
6. Replace the three remaining bolts with new 4-Inch Bolts (050698).
7. Using a Sikaflex Gun, apply a small amount of Sikaflex around the interior end of each bolt before adding the Nuts that were removed earlier.
8. Using a Calibrated torque wrench with a 5/16-Inch Allen Socket and a 5/8-Inch Combination Wrench, **torque the bolts to 89 Inch Pounds.**
9. Using Orange Torque Stripe Paint, mark the properly torqued fasteners.
10. Ensure that the bus wiring will not chaff on the new bolts. Reroute or reposition the wiring as necessary. Add Cable Ties (001912) to secure the wiring as necessary.
11. Using a T-30 Torx Driver, replace any interior panels that were removed earlier.
12. Remove the Lockout/Tagout devices and return the bus to service.