



## Microbird T-Series Driver's Door

### Tech Tip #17-0311



### MICROBIRD T-Series Driver's Door Alignment

We have had reports of issues surrounding driver door alignment, where when opened the driver's door drops and the latch does not line up with the striker on the pillar. Upon further investigation, we learned that the issue was with the hinges of the driver's door which had loosened causing the issue. Mainly it has been the bottom hinge, but you may need to access the top hinge to properly adjust. Initially we thought this was a Ford issue seeing as it was a chassis problem but learned that Microbird mounts their mirrors to the driver's door hinges which is where the issue is.

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First you must determine this is the issue. This can be done by simply opening the door and picking up on the outside of the door at the bottom and checking for movement at the hinge. Once you have determined this to be the cause you can follow these steps:

**#1** – At the bottom of the “A” pillar there is a black plastic trim piece which covers the upper mirror mount. (Figure #1). Gently pry this off as it is held on with clips. Once removed you will notice that the upper mirror mount is bolted to the unit using the hinge bolts (Figure #2).

**#2** – Next looking at the mirror mounting you will notice that the lower bracket mounts through the fender and is dressed with a rubber grommet (Figure #3). Using a plastic pry tool/spoon, remove the rubber grommet. Once removed, look into the hole cut in the fender. You will notice that you can see the 2 bolts which are the lower door hinge mounts and are also acting as mirror bracket bolts (Figure #4).

**#3** – Once you have determined which hinge is moving, back the bolts out of that hinge one at a time using a 6mm allenhead socket, inspect for wear and to ensure the threads are not damaged and reinstall or replace as necessary.

**#4** – With assistance, adjust the door (NOTE: At this point you may need to loosen the bolts on the hinge which was still tight). Snug the bolts to hold the door in alignment.

**#5** – Using Loctite, and starting at the top, remove each bolt one at a time and put a drop of Loctite on to hold. Once the bolt is reinstalled, torque to 12-15 ft/lbs.

**#6** – Replace plastic trim at upper mount and rubber grommet at lower mount.

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Figure #1



Figure #2



Figure #3



Figure #4

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## CONTACT OUR SERVICE OR PARTS DEPARTMENT WITH ANY QUESTIONS

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