

Tech Tip

FROM YOUR FRIENDS AT
NEW YORK BUS SALES!



BBCV (Vision) Steering Wheel Movement

- Complaint –** There appears to be excessive movement in the steering wheel
- Cause –** There are 3 – 6mm recessed hex screws that we have found in some instances to have backed off causing the wheel to move excessively.
- Correction –** **Please refer to Chassis Tech Tip #12-0904REVA for specific information on allowable steering wheel movement.**

Once you have determined that an issue exists and the movement of your wheel is out of spec, follow the steps below:

- #1 – There are 4 plastic pieces which act as covers for the steering column., remove the 4 phillips head screws which fasten the 2 covers to the column and then remove the 4 T15 Torx screws which hold the outside halves together and remove them....See Figure #1
- #2 – Locate the 4 T15 Torx screws which hold the lower plastic halves together and remove them, taking the lower half from the column.
- #3 – Once the 3 covers have been removed, you can locate the 3 – 6mm recessed hex screws....one on either side of the column where it pivots and another down below where the column slides inside the tube to telescope. Please refer to Figures #3, #4 & #5.
PLEASE NOTE – As shown in figure #3, you may need to move the wiring harness to gain access to the bolt head.
- #4 – Using a torque wrench and Hex socket, set the torque to 18 to 21 Nm on all 3 bolts.
- #5 – There has been at least one instance where a bolt backed out to a point where threads could be seen (Figure #6)
- #6 – If you have an instance where you see this, the bolt should be reinstalled rather “freely” until it is seated. If there is any suspicion of damaged or crossed threads, it may be best to replace the column. The manufacturer does not require the use of Locktite nor do they say it cannot be used. If you see a bolt which has backed out to the point of threads showing, New York Bus Sales would recommend using Locktite.
- #7 – Once all bolts have been torqued, recheck the wheel movement to Tech Tip #12-0904REVA. If within specs, reassemble covers.....If still out of specs, steering column replacement is required.



Figure #1

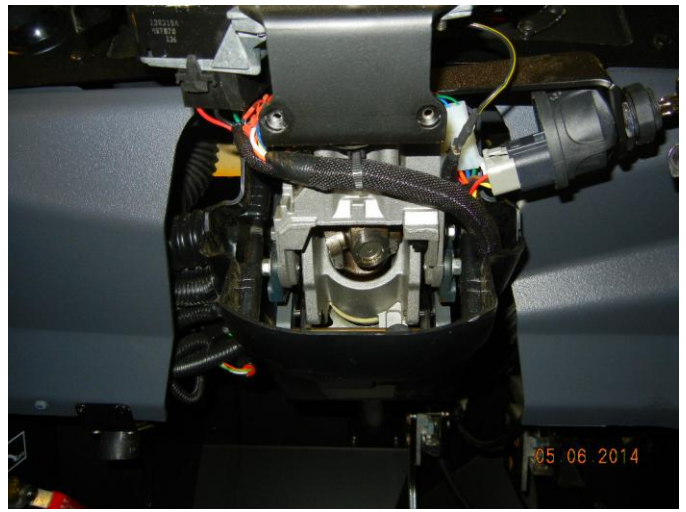


Figure #2



Figure #3

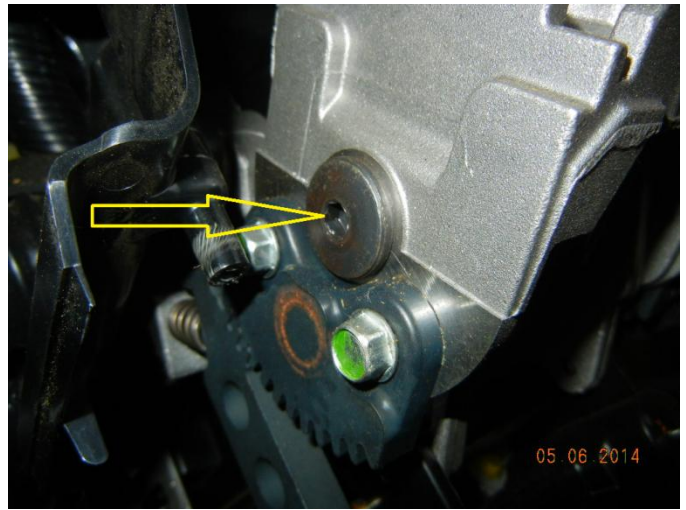


Figure #4

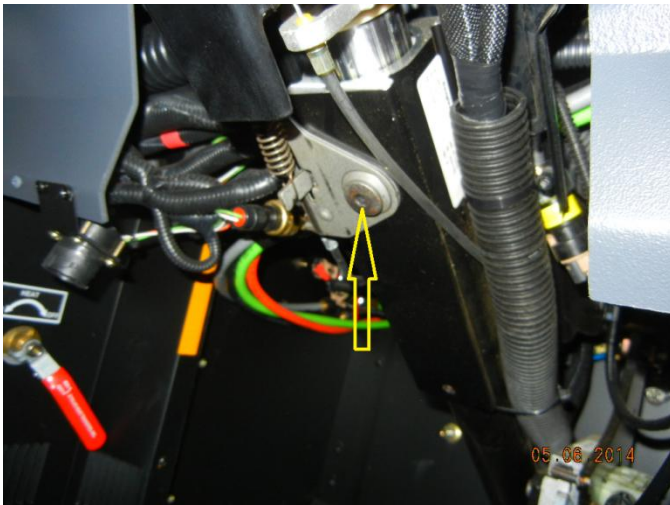


Figure #5

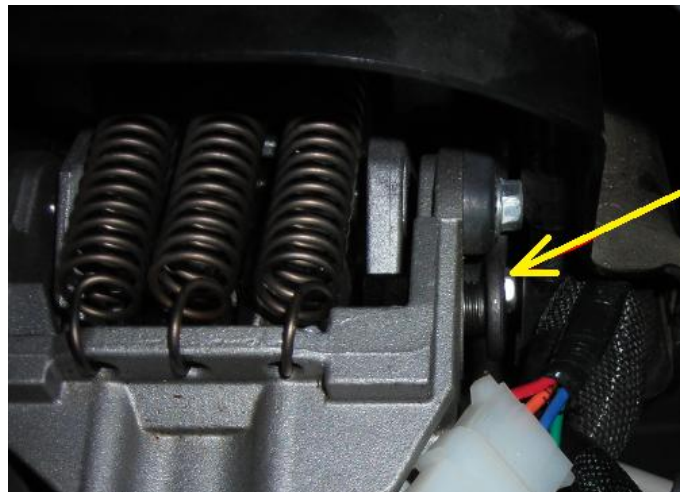


Figure #6



Contact Our Service Department With Any Questions

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