

# The Story of the \$10 Transmission Repair

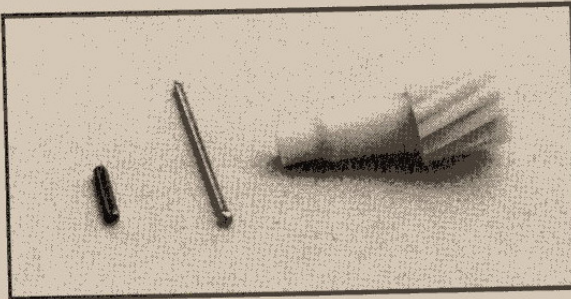
By Jim Anstett  
Loveland CO



I would like to pass on this information (no charge.) It happened to me and it can happen to you.

Imagine that you are driving along the highway, everything seems right, but when you look down to check your speed the speedometer needle is sitting on "0". At first, you think you have a broken speedometer cable. It could be! However, when you stop and start out again the transmission refuses to shift out of low gear!

Don't panic! Don't call a wrecker! Don't even look for a transmission shop! I'll tell you what most likely happened, and you can fix it yourself for about \$10 without even getting under your motorhome. You probably have a broken governor driven gear. It sounds expensive, you say? It could be if you don't know and fall into the hands of the wrong kind of repair shop. I've heard horror stories where GMCers have paid hundreds because they didn't know, and spent days before they got thier coaches back on the road again.

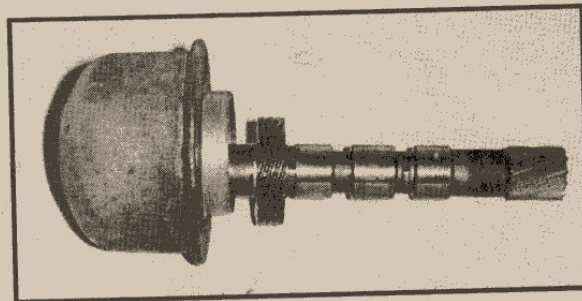


## Fix It Yourself

For this job, all you will need is a kit (shown above) containing a nylon gear and a split pin with two stake pins (only one is shown in the photograph) that costs less than \$10. You should also carry a 1/8" drill bit. It costs about \$2 at most any hardware store. You should be able to purchase a kit at your local transmission shop. If not, you can call Ray Curtis at Eaton GMC 1-800-764-3673. He will send you one for \$9.95 including postage. Isn't he nice? (He even pays for the phone call.)

February 1999

I suggest that every GMC owner keep a gear kit and a 1/8" drill bit in your glove compartment and hope you never need it. But if you do, here's what to do:



- 1) Open the engine cover.
- 2) Look down and you will see the top of the governor. It is a can approx. 2 3/4" wide on the left side of your transmission just behind the dipstick tube and below the exhaust manifold. Be careful if the manifold is hot. Loosen the housing and pull out the speedometer gear.
- 3) Using a screwdriver, pry off the retaining clip and pull out the governor assembly.
- 4) Press out the old split pin using the drill bit or a stake pin from the kit. Then, pull off the nylon gear.
- 5) Remove the governor sleeve from the gear by twisting and pulling at the same time.
- 6) Install the new gear with the sleeve onto shaft, end with holes last.
- 7) Drill 1/8" half way through the existing hole on each side.
- 8) Using the end of nails/stake spread both ends of pin to tighten. Be sure each end is slightly below the top of the hole.
- 9) Reinstall it, and you are on your way.

*Disclaimer: I am not an engineer or even a good mechanic. I am not paid by any supplier, manufacturer, or publisher. I am writing this only to help fellow GMCers.*

GMC Motorhome Marketplace 15