Important Letter to Real World Solution's Redrive Customers
RE: "Universal Motor Mount Plate" and other changes.

A number of builders have expressed an interest in using the Real World Solutions gear reduction drive with an alternative "universal motor mount plate" as discussed on some of the on-line rotary discussion groups. Since some builders are deciding to go this route, I need to get something on record about it.

This plate may work out just fine for some applications and I think that there is probably no danger of the thing breaking due to the loads imposed by mounting the engine this way. ***I do have some reservations however.***

1. The success of the drive is ***very dependant*** on the precision of this plate (and the spacers) to keep all the moving parts concentric. You must take responsibility for maintaining this precision if the standard adapter plate is not used or is modified.

2. I don't have a problem with moving the starter location but using the adapter plate for the engine mount is another matter. The loads on the plate and spacers when using it for an engine mount probably will not break anything but I do not know if it will it cause enough deflection to upset concentricity. This is especially true since if using different spacers.

3. Since I am not involved, there is no coordination with ongoing design changes being made to the drive. I simply do not have the time to coordinate this kind of thing and would not want to assume the liability for something that I have no control over even if I did. For this reason, I can not provide a warranty on any drive used with anything other than the adapter plate that I furnish.

It goes without saying that none of this is meant to discourage innovation or experimentation. It is just a good idea to understand all the ramifications before setting off on a new course.

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