

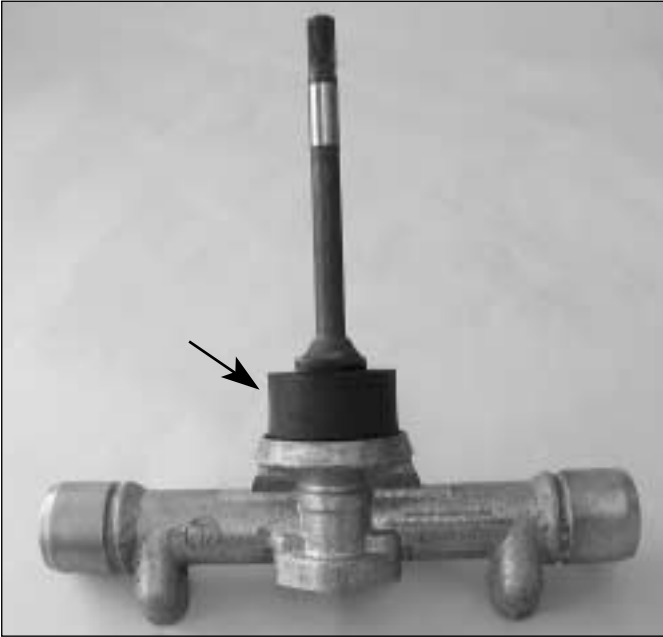
SMARTRACING™

PRODUCTS

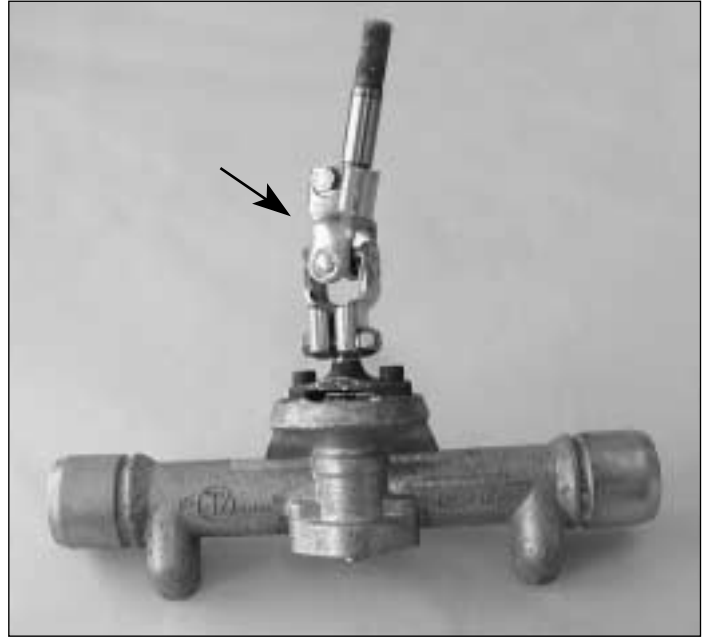
A Company Developing Smart Racing
Products Through Engineering

Easy-Steering Upgrade Part No. 474100

Instructions Easy-Steering Upgrade for 911, 914 and 930's 1989 and Earlier



Factory Coupler



SRP Coupler

Overview:

Replaces the factory rubber coupler at the steering rack with a backlash-free universal joint. It also provides a greater range of shaft length adjustment to the first steering shaft universal.

Development on these cars continues and they are going faster than anytime in history and the forces being exerted on them are correspondingly higher and overstressing some parts. For some, it is just a simple matter of not liking the dampened sensation the rubber coupler gives.

If you raise the rack and pinion beyond a certain point, the input shaft that attaches to the rack via a rubber coupler, runs out of "plunge" adjustment into the first steering shaft universal joint, consequently, the system jams and has tight spots. Either way, here is the solution, straightforward to install, increased rack-height adjustability and an extremely positive steering feel.

Installation:

Follow the factory recommended procedures for replacing the joint. Here are a few addition hints:

- 1) There is a bearing inside of the rubber housing that is clamped to the chassis with a stamped steel bracket (attached with two Allen head bolts). This bearing can be located anywhere along the ground section of the shaft.
- 2) Use a drop of Loctite #242 on all fasteners and use new nylocks on any assembly cycle. Follow factory torque specs.
- 3) Be sure to check that the rack and pinion and steering wheel are in their centered position. Be sure to duplicate these positions during reassembly.

Questions or comments please call 408.369.9997 or FAX 408.369.9741
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