

## SUS JL 001 Suspension Extension Kit 1984-2006 Club Car DS Model G/E

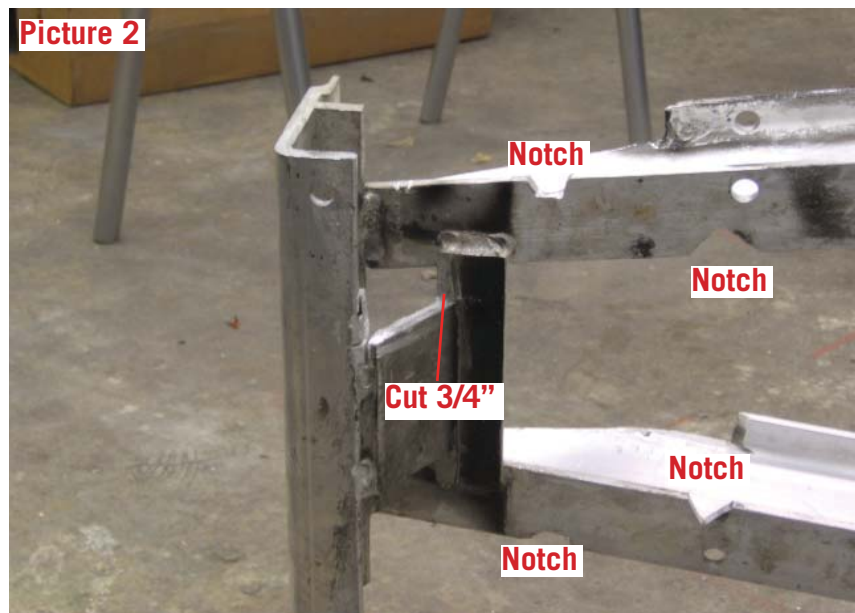
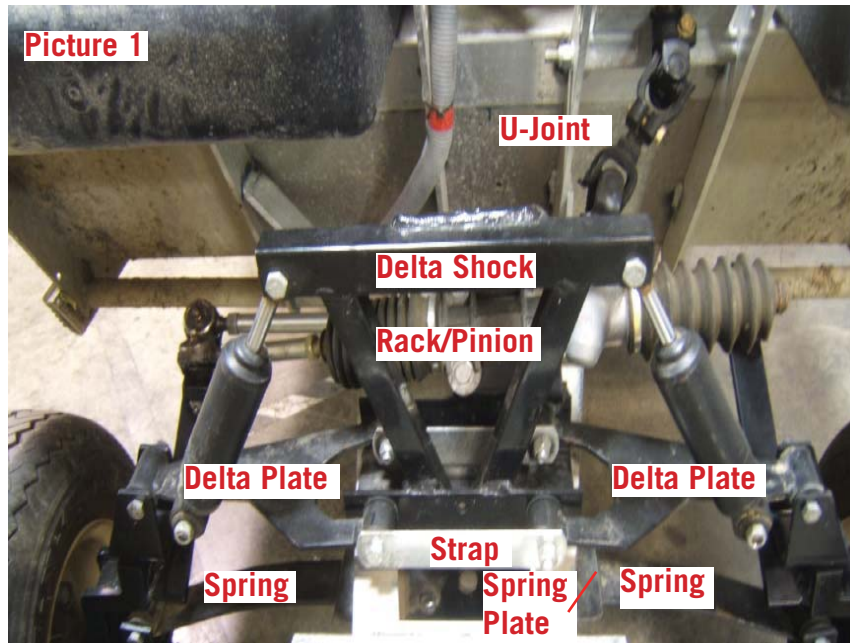


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**CAUTION: Always support the cart with jack stands and wear the appropriate eye protection!**

- Remove the front cowl.
- Remove the front suspension (Picture 1):
  - A) Loosen the steering rack and remove U-joints.
  - B) Unbolt the Delta Shock from lower spring plate
  - C) Unbolt the left and right delta plates from the Delta Shock.
- Move the Delta Shock forward until it rests up against the angled front bumper support brace.
- Mark where the I-beams will need to be drilled/notched to allow the Delta Shock to spring plate mounting bolts to pass through the I-beams. Drill or notch the I-beams and double check fitment (Picture 2).
- Mount the suspension extension plate underneath the I-beams and bolt it to the Delta Shock using the four OEM mounting bolts. On the rear of the extension plate, mark where the I-beams will need to be drilled to install the rear plate mounting bolts. Remove the plate and drill the I-beams with a 5/16" drill bit.
- With the Delta Shock resting against the front bumper support brace, line the delta plates up with the mounting holes in the Delta Shock and mark where the bumper brace will need to be trimmed for clearance. Move the Delta Shock out of the way and cut away the marked sections.
- Bolt the rear mounts on the suspension extension plate to the I-beams using the supplied 1" x 5/16-18 bolts and lock nuts provided. Loosely tighten.
- Move the Delta Shock into position and bolt it to the suspension extension plate using the four 3/8" OEM bolts. Tighten all the bolts.
- Reinstall the delta plates onto the Delta Shock. Install the rear delta plate strap as it was before removal. However the front strap will now be discarded.
- Reinstall the front leaf spring and leaf spring mounting plate to the underside of the suspension extension plate.
- With the steering rack still loose, slip the replacement U-joint assembly over the splined end of the steering column and steering rack. Tighten the steering rack mounting bolts and then tighten the U-joint clamp bolts.
- The front cowl will need to be trimmed to clear the front shocks. When installing the cowl gently, test fit it against the suspension and trim until a clean stress free fit is obtained. Secure the cowl to the body.



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