HOLD THE LADDER

Equipment manager Gary Slaughter and Jed Spencer, CGCS, designed and built a ladder holder for the 1998 Club Car Carryall II equipment manager’s vehicle at the Chenal Country Club in Little Rock, Ark.

The ladder holder is made of 1-inch by 1-inch, thin-wall (¼-inch thick) square tubing that has two vertical supports at 40-inches high each. The supports are 44 ¼ inches apart, 25 inches wide over the top of the canopy with two 6-inch long vertical brackets that support the ladder. Cross braces provide added support.

The ladder holder is attached to the turf vehicle’s canopy uprights with ¼-inch diameter bolts, washers and nuts; ½-inch spacers are used in between the ladder holder and windshield so the windshield can be opened or closed. An 8-foot long aluminum ladder is transported permanently where one side of the ladder is placed in between the two 6-inch long vertical brackets. A 20-foot fiberglass extension ladder also can be transported with ease. It took about two hours to design, cut and weld the ladder holder. The materials cost about $30.

SPREADING IN STYLE

At the Great Southwest Golf Club in Grand Prairie, Texas, equipment manager Jeff Jamnik designed and built a 12-volt fertilizer spreader. He attached a Lesco #80 Electric Truckster Commercial Plus Spreader to a 2005 E-Z-Go MPT 1200 G turf vehicle with a 2-inch square tubing (¼-inch thick) frame. The frame is 27 inches high and the section that goes into the receiver is 18 ½ inches long and has a triangular-shaped brace were all pieces are welded together. Jamnik painted the brace with three coats of glossy black enamel.

The spreader is mounted to a 21-inch by 4-inch (¼-inch thick) piece of flat steel (which is welded to the tubing frame) with ¼-inch by 1 ½-inch bolts.

The electric wires were run from the motor and attached with alligator clips to the vehicle’s 12-volt battery. The meter flow cable lever, with the on/off switch for the 12-volt motor, is mounted to the operator’s plastic seat grab-handle with ¼-inch bolts. The wires and cable are protected and encased in 1-inch outside diameter loom-split poly tubing. The spreader is easily transferred to other vehicles. Jamnik had all of the scrap steel in inventory. With the hardware the project cost about $40. The design, build, electrical wiring and installation took about six hours.