boxes have steam oil pump and reservoir inside. The box is made to a close fit, front to back, on the reservoir cover and the bottom is open for clearance around the ratchet arm of the pump. Be careful to check the clearance of the smokebox door before you settle on the height and mounting bracket location.

274 PILOT TRUCK CHAIN

The prototype length as shown, caused problems in negotiating sharp radii curves when we operated Gail's locomotive on the *Colorado Springs Black Forest* track several years ago. Longer links would allow more swing or two additional links would solve the problem. Either solution does not accomplish the desired limitation to the skew of the pilot truck during a derailment. So if you don't accomplish anything you may decide to operate without a chain and save it for use during "show and tell" only.

