



## **Brake Shock Retrofit**

### **Tools Required:**

½" Drive Air or Electrical Impact Wrench  
Large Channel Locks  
Drill (electric or battery)  
Allen Head Sockets (sizes: ¼", 7/32", & 5/16")  
1 set of End Wrenches  
¼" Drill Bits (supplied by S&S)

### **Retrofit Procedure:**

Step 1 – Remove existing cap screw from end of shock. The size of the cap screw will either be 5/16" or 3/8" depending on the model # of your shock. This will require the use of ½" Impact Wrench and Channel Locks. The Channel Locks should be used to grip the shock's cap (very tightly) to keep it from rotating while being impacted. This step could be fairly difficult since thread lock was used during factory assembly. The use of heat may be required.

Step 2 - Place the Brake End Cover Assembly (pre-assembled at S&S) on end of shock (see Detail B). Depending on the model # of your shock, insert the new length of 5/16" or 3/8" Cap Screw (supplied by S&S) thru the assembly and into shocks existing cap. Before tightening, apply Loctite to the threads.

Step 3 - Drill ¼" hole thru both sides of the Shock Mount gussets (see Detail A). The dimensions listed are approximate and should be determined in the field. The exact location of the holes will be determined by the length of the 1/8" cables (supplied by S&S). Allow at least ½" of cable slack so the full stroke of the shock will not be impeded. Install the ¼" hardware that has been supplied (see detail C).

Step 4 – Contact S&S Power, Inc. with verification that the retrofit has been completed.

Should you have any questions, please phone S&S Power, Inc. Service Department at (435) 752-1987.

