

# Pumps and Dumps

## 1:25 Scale Front or Back Hydraulic Set up from scratch

Text by LLM Staff

What's the easiest way to pump up your model? The answer, pumps...that's right, PUMPS. But not pumps literally, just pumps in *detail*. Most Lowrider models lack detail in the pumps and dumps section of their model. Well if you are going to open the trunk...then OPEN THE TRUNK! On a competition level, it's important to cut open doors, scratch build hinges and especially THE TRUNK...you gotta open the trunk. Scratch building parts & opening doors is what it really takes to be a winner. You might say, "I can cut my doors & trunk but how do I detail pumps?" Well here's an article on detailing that just might P-U-M-P you up!

### Supplies:

Dremel  
Small Brass Rod  
Aftermarket Pumps (by Pegasus or Hoppin' Hydros)  
Aftermarket Batteries (by Pegasus or Hoppin' Hydros)  
Square Styrene Plastic (For solenoids & dumps)  
Small threads of speaker wire (For batteries)

- 1.) Start by taking an aftermarket machined pump, drill two holes at the top of the block for your dumps (As shown in Fig. A)
- 2.) Take some small square styrene plastic & cut in rectangle squares for your dumps (As shown in Fig. B) Use small rod to imitate dump as in Fig. B
- 3.) Take inner threads of speaker wire & use to connect batteries (as shown in Fig. C) Paint flat black or desired cable color of your choice for your battery cables
- 4.) Use diagram to make necessary wiring connections for complete Front or Back set up. The valve at top of Fig. B runs to cylinder
- 5.) Refer to Fig. D for return hose on top of Block

So there you have it! A simple way to put "Pumps in the trunk!",

