EXTERNAL GEAR INDICATOR SCHEMATICS

7 segment digit - common cathode (ground in the middle)  
  
   
  
White - A segment - Q7 PIN on 74HC595  
Brown -B segment - Q6 PIN  
Orange - C segment - Q5 PIN  
Purple - D segment - Q4 PIN  
Blue - E segment - Q3 PIN  
Green - F segment - Q2 PIN  
Yellow - G segment - Q1 PIN  
  
If u want to use DP/H (DOT), connect it to the second left top pin Q0, but its not used in the sketch right now.  
  
Data PINs:  
DS (serial data input) - D2 on Arduino  
ST\_CP (Storage register clock pin "Latch pin") - D3  
SH\_CP (Shift register clock pin) - D4  
  
Resistor R220 Ohm. (used just one on cathodes, but its better to use 7 resistors, one for every led diode - between Qpins and display)

