

Only complete and submit THIS PAGE as your results for Lab Assignment 02.

ACTION **FIELD COIL STATUS CHANGES** (until steady-state operation is reached)

Step #1 **Switch Closed:** X ON → SS → _____ → _____ → _____
 Indicator Lamp SS Status: Amber OFF Blue OFF Green OFF Red OFF
(Note that the answers for Step #1 have already been provided for you in the above spaces.)

Step #2 **PB#1 Pressed:** X OFF → L ON → G ON → SS → _____
 Indicator Lamp SS Status: Amber OFF Blue OFF Green ON Red OFF

Step #3 **PB#1 Released:** B ON → SS → _____ → _____ → _____
 Indicator Lamp SS Status: Amber OFF Blue ON Green ON Red OFF

Step #4 **PB#2 Pressed:** R ON → A ON → B OFF → M ON → skip to next row
 continued from
 previous row → L OFF → R OFF → G OFF → SS
 Indicator Lamp SS Status: Amber ON Blue OFF Green OFF Red OFF
(Step #4 requires more blanks for the status changes of the field coils that would fit on one line.)

Step #5 **PB#2 Released:** M OFF → X ON → T ON → SS → _____
 Indicator Lamp SS Status: Amber ON Blue OFF Green OFF Red OFF

Step #6 **PB#1 Pressed:** X OFF → M ON → R ON → G ON → SS
 Indicator Lamp SS Status: Amber ON Blue OFF Green ON Red ON

Step #7 **PB#1 Released:** SS → _____ → _____ → _____ → _____
 Indicator Lamp SS Status: Amber ON Blue OFF Green ON Red ON

Hint – only ONE of the indicator lamps will be OFF after Step #7 is complete.