Electromagnetic Clutch Release

Specifications
200 lbs holding capacity
only 1 1/4 amp draw while energized

Installation
The electromagnetic includes 2 pieces. The larger of the 2 pieces mounts to your firewall below your clutch pedal while the other part of the electromagnetic mounts to the back of your clutch pedal with the mating (inside) surfaces facing each other.

The outside parts of the electromagnets are drilled and tapped for an 8x40mm bolt. If you feel it is necessary, you can tap it out for a 3/8 bolt for more security.

Mount the electromagnetic system the best way you see fit for your application, we do however, recommend welding for permanent stability. While mounting, try not to scratch or damage the mating surfaces of the magnets.

*** Flush line-up of the magnets mating surfaces is crucial for this system to function correctly

Usage
Your one linelock button can be used for both burnout and launch (clutch release). A toggle switch should be wired (one way for burnout/ one way for launch). Refer to our wiring diagram.

Example:
Bump car in staging beams and build up brake pressure. After staged, press lineloc button and press clutch pedal to floor. The clutch pedal will automatically “lock” to the floor. Release button to launch, clutch pedal automatically releases upon release of button or when delay box times out.
Wiring with a delay box

**delay box**
- transbrake terminal

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**toggle switch**
- (single pole/single throw)

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**linelock**
- ground

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**Magnet**
- 12 volts in
- 2 step (if used)
- 14 gauge wire
- Resistor (no polarity)
- ground

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***Toggle switch is required for use of single linelock button for both burnout and launch control (flip one way for burnout and one way for launch)***

***No polarity on magnet wires***

***There will be the programmed delay in the release of the linelock during the burnout***