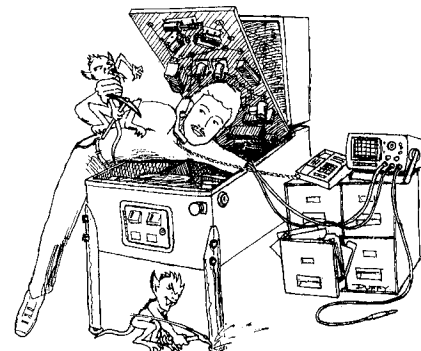




Nº 49 Rev. Technical Brief

Original Technical Brief Nº 49 referenced wrong part numbers.
Kit 500-6140-00 changed to 500-6410-00, Cable 036-6140-00
changed to 036-5425-01, Tech. Brief Nº 49 Instruction Sheet
755-6140-00 changed to 755-6410-00. Add year 1999 to date.



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Representative

Jay Alfer
Technical Support Doc.
Administrator

TO: Parts & Service Managers

DATE: October 21, 1999

SUBJ: Harley-Davidson™ Autotrol Motor 50Hz
Interface Kit & Installation Instructions

Symptom:

Intermittent operation or jogging of the
motorcycle up/down motor in countries
using a 50Hz Line Frequency.

Explanation:

We have observed in countries using a
50hz line frequency that some motors
stutter or operate intermittently. We have
made an adapter harness that plugs into
the existing game harness between the
motor connector and the game harness
connector. This Harness contains a
68Ω 2 Watt Resistor which corrects the
intermittent operation of the motor. Though
only a some games have exhibited these
symptoms, we feel it is important to install
this harness in all games to ensure this
potential problem does not occur later.

Any questions or comments, please
contact Technical Support at the below
numbers.

Installation Kit (SPI Nº 500-6410-00):

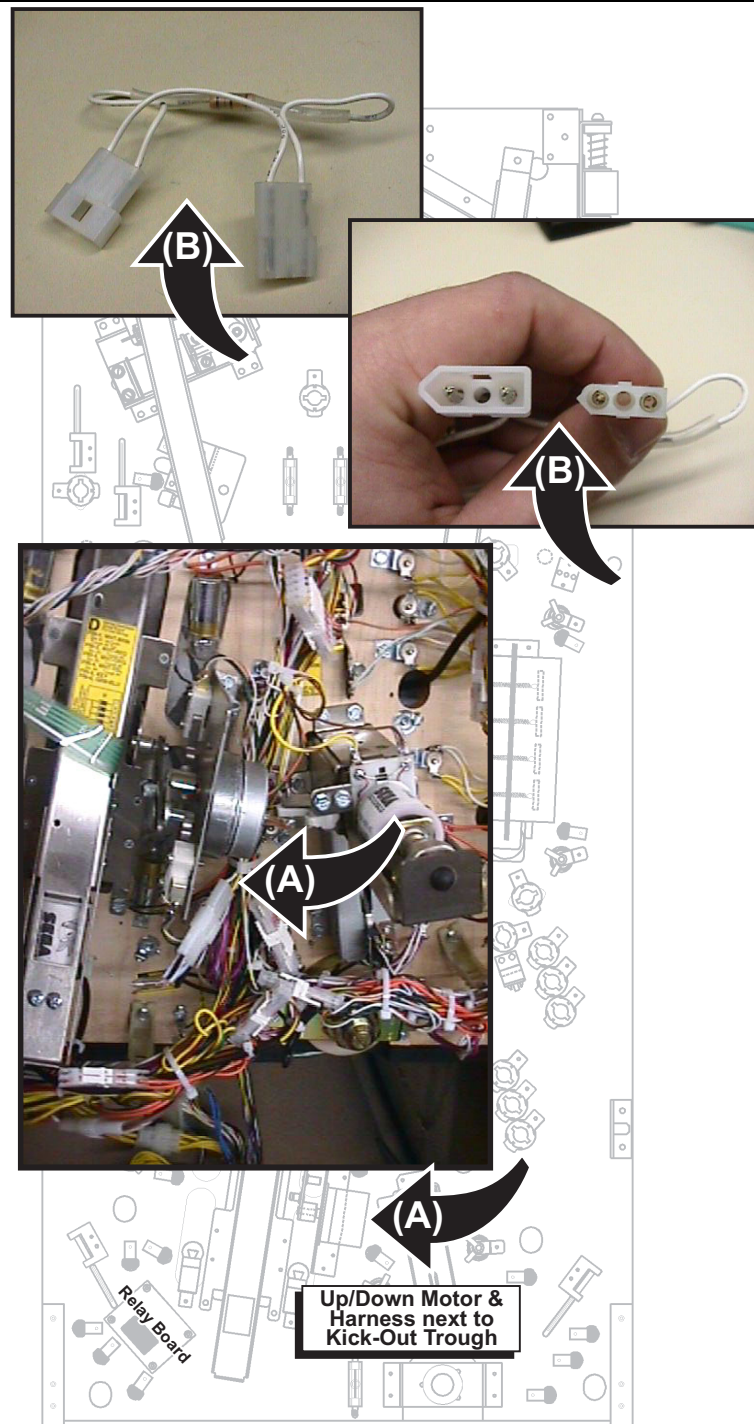
| | |
|------------------------|-------------|
| 50Hz Interface Harness | 036-5425-01 |
| Cable Tie | 040-5001-02 |
| This Tech. Brief Nº 49 | 755-6410-00 |

Installation Instructions:

**Always ensure power is turned off
before servicing any game.** After
bringing the playfield into the upright
position, locate the motor & its Harness (A).



*Note the male & female ends of the new
Interface Harness (B) will snap into the
Motor Harness connectors (A).*



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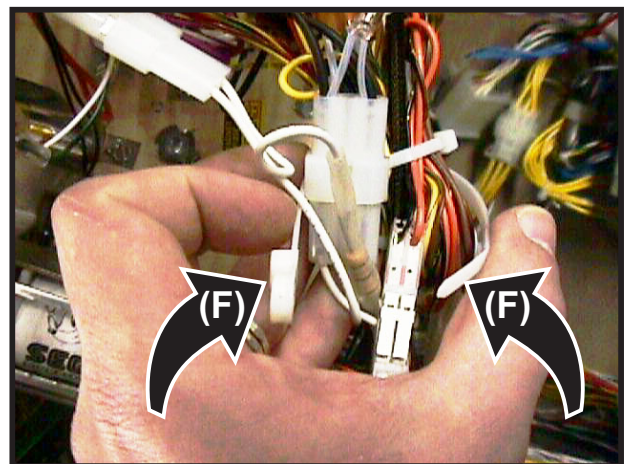
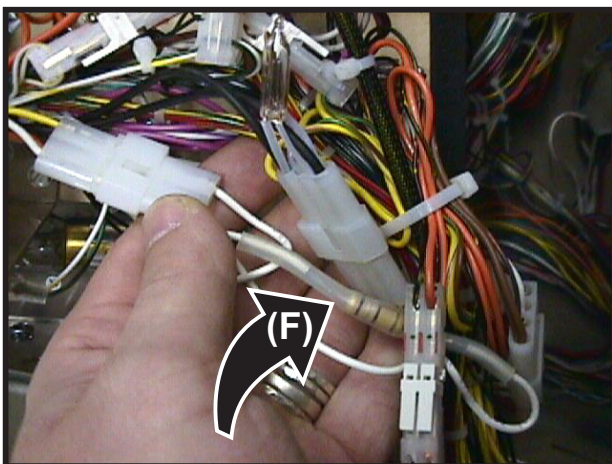
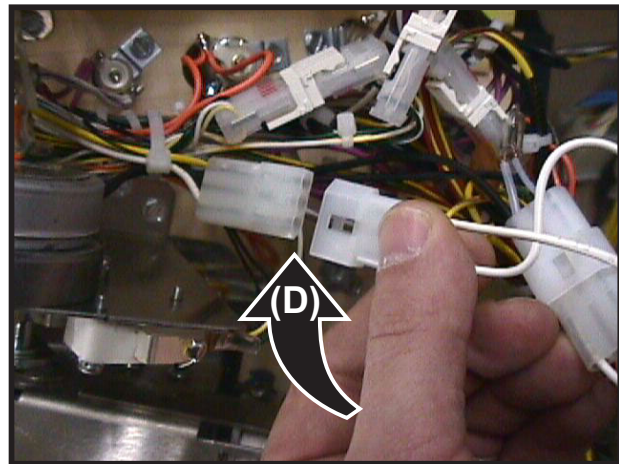
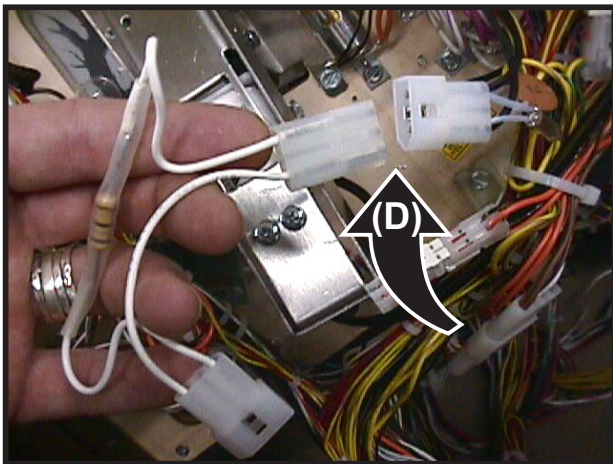
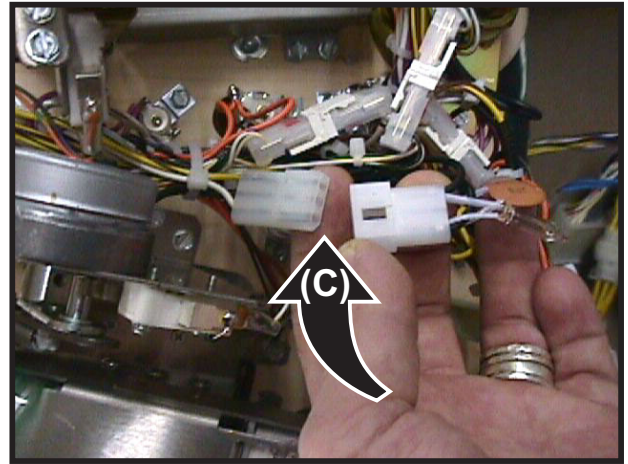
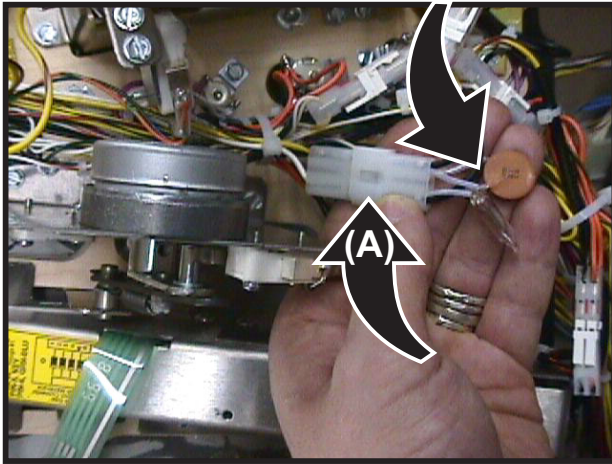


Always ensure power is turned off before servicing any game.



Disconnect **(C)** & insert the Interface Harness **(B)** inbetween the two ends of the Motor Harness **(D)**.

Note the Cap & Neon Bulb on the Motor Harness Connector



Dress **(E)** the Interface Harness **(B)** with the Motor Harness **(A)** and with the enclosed cable tie, bundle with the large group of cables **(F)**.