REVERSE VIEW OF PICKUPS, SWITCH AND POTENTIOMETERS. EE-WAY SWITCH www.freewayswitch.com

MANUFACTURED IN ENGLAND BY NSF CONTROLS LTD

Notes:-

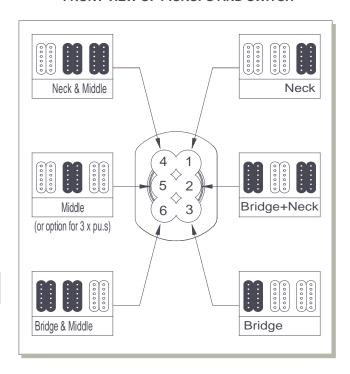
Optional Push/Pull Pot affects position 5 only: push in for middle pickup only, pull out for Neck+Middle+Bridge pickups. Omit push/ pull pot and dotted wires for middle pickup only in position 5.

Use multi-core screened cable between switch and controls on LP-style guitars.

For Humbucker guitars, middle PU is normally reverse phase.

The pickup colour coding shown in this diagram does not represent any particular pickup manufacturer - please follow designations.

FRONT VIEW OF PICKUPS AND SWITCH



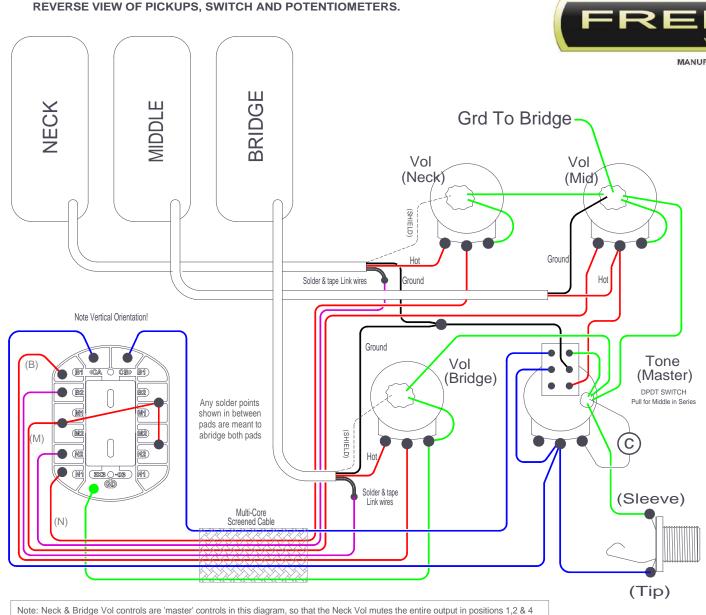
Scheme No 002: Last Updated June 2013

MIDDLE BRIDG **Grd To Bridge** Vol Vol (Neck) (Mid) Ground Groun Note Vertical Orientation! DPDT Tone Vol 4GA O CB> B1 (Master) (Bridge) Any solder points shown in between pads are meant to (B) abridge both pads Ground 303 0-03 N1 (Sleeve) Multi-Core Screened Cable (Tip) Note: Neck & Bridge Vol controls are 'master' controls in this diagram, so that the Neck Vol mutes the entire output in positions 1,2 & 4 and the Bridge Vol mutes the entire output in position 2,3 & 6. The Middle Vol blends in the Middle Pickup in positions 4, 5 & 6.

Model No:- 3X3-03 Free-Way Switch

If more scope for individual pickup blending is preferred, then reverse hot and wiper connections at B Vol and N Vol pots.

HHH 3V/1T



FREE-WAY SWITCH

MANUFACTURED IN ENGLAND BY NSF CONTROLS LTD

Notes:-

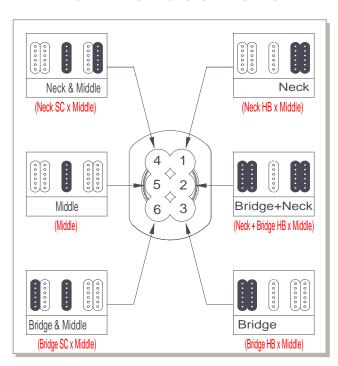
Optional Push/Pull Pot provides 5 alternative tones where middle pickup is connected in series with other selected pickups (red text indicates pickup configuration when switch is pulled out).

Use multi-core screened cable between switch and controls on LP-style guitars.

'Link' wires would normally be connected for series humbucker operation (typically these are North & South finish wires).

The pickup colour coding shown in this diagram does not represent any particular pickup manufacturer - please follow designations.

FRONT VIEW OF PICKUPS AND SWITCH

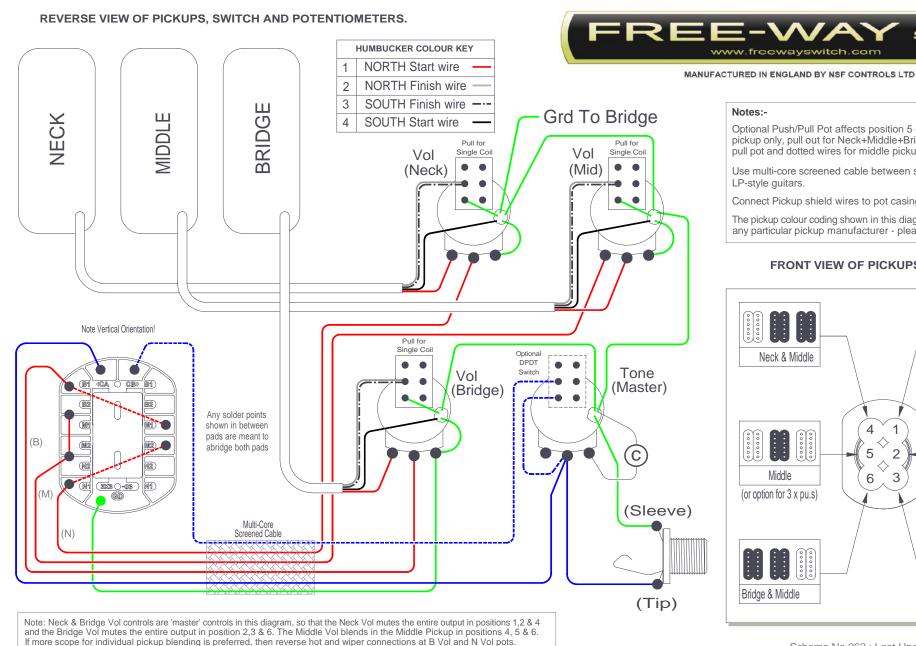


Scheme No 035: Last Updated Dec 2013

Model No:- 3X3-03 Free-Way Switch

and the Bridge Vol mutes the entire output in position 2,3 & 6. The Middle Vol blends in the Middle Pickup in positions 4, 5 & 6.

HSH + Series Push/Pull 3V/1T



Notes:-

Optional Push/Pull Pot affects position 5 only: push in for middle pickup only, pull out for Neck+Middle+Bridge pickups. Omit push/ pull pot and dotted wires for middle pickup only in position 5.

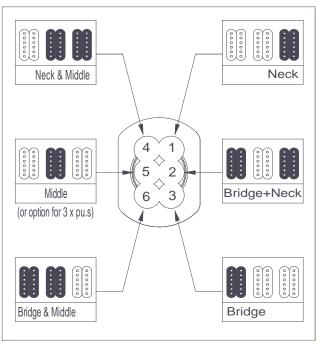
SWITCH

Use multi-core screened cable between switch and controls on LP-style guitars.

Connect Pickup shield wires to pot casings.

The pickup colour coding shown in this diagram does not represent any particular pickup manufacturer - please follow key.

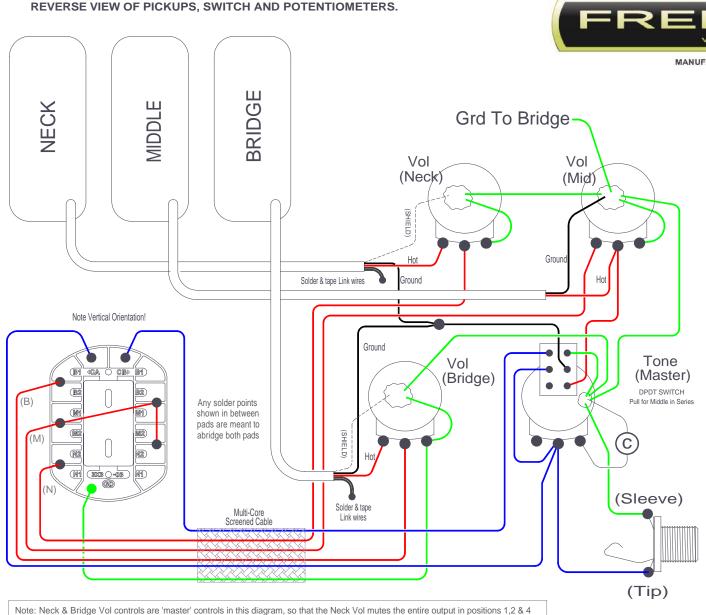
FRONT VIEW OF PICKUPS AND SWITCH



Scheme No 062: Last Updated April 2014

Model No:- 3X3-03 Free-Way Switch

HHH Individual Coil Split 3V/1T



FREE-WAY SWITCH

MANUFACTURED IN ENGLAND BY NSF CONTROLS LTD

Notes:-

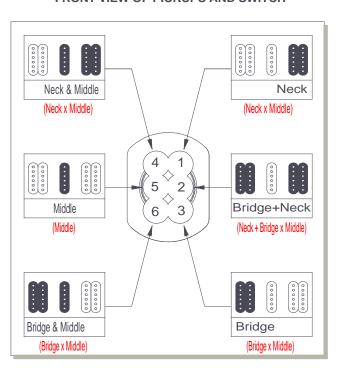
Optional Push/Pull Pot provides 5 alternative tones where middle pickup is connected in series with other selected pickups (red text indicates pickup configuration when switch is pulled out).

Use multi-core screened cable between switch and controls on LP-style guitars.

'Link' wires would normally be connected for series humbucker operation (typically these are North & South finish wires).

The pickup colour coding shown in this diagram does not represent any particular pickup manufacturer - please follow designations.

FRONT VIEW OF PICKUPS AND SWITCH



Scheme No 080: Last Updated Aug 2014

Model No:- 3X3-03 Free-Way Switch

and the Bridge Vol mutes the entire output in position 2,3 & 6. The Middle Vol blends in the Middle Pickup in positions 4,5 & 6.

HSH + Series Push/Pull 3V/1T

REVERSE VIEW OF PICKUPS, SWITCH AND POTENTIOMETERS.



MANUFACTURED IN ENGLAND BY NSF CONTROLS LTD

3RIDGE MIDDLE NECK Grd To Bridge-Vol Tone (Neck) (Neck) Ground Ground Note Vertical Orientation Link Wires Tone (normally connected together for series humbucker) (Bridge) (Pull for single coil) B1 4CA O CB> B1 Any solder points shown in between pads are meant to abridge both pads Vol (Bridge) C N1 3030-03 N1 Multi-Core Screened Cable (Tip) (Sleeve)

Notes:-

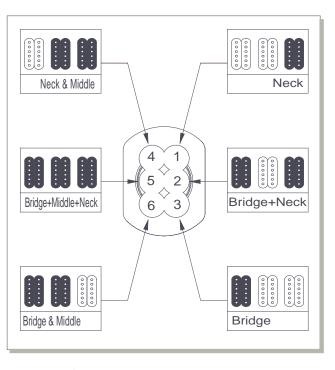
Vol/Tone controls work as normal in positions 1-3. Middle pickup is added in positions 4-6.

Use multi-core screened cable between switch and controls on LP-style guitars.

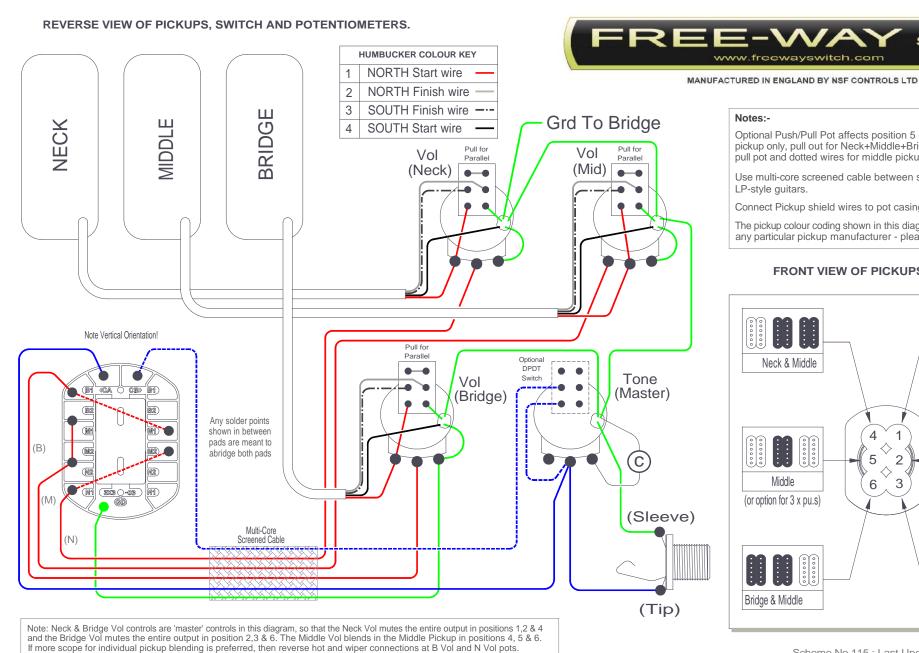
For Humbucker guitars, middle PU is normally reverse phase.

The pickup colour coding shown in this diagram does not represent any particular pickup manufacturer - please follow designations.

FRONT VIEW OF PICKUPS AND SWITCH



Scheme No 113: Last Updated Mar 2015



Notes:-

Optional Push/Pull Pot affects position 5 only: push in for middle pickup only, pull out for Neck+Middle+Bridge pickups. Omit push/ pull pot and dotted wires for middle pickup only in position 5.

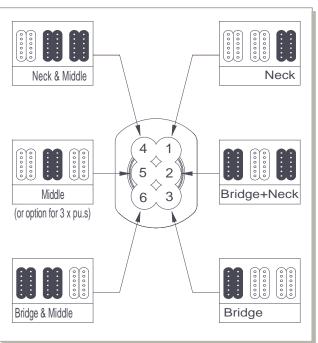
SWITCH

Use multi-core screened cable between switch and controls on LP-style guitars.

Connect Pickup shield wires to pot casings.

The pickup colour coding shown in this diagram does not represent any particular pickup manufacturer - please follow key.

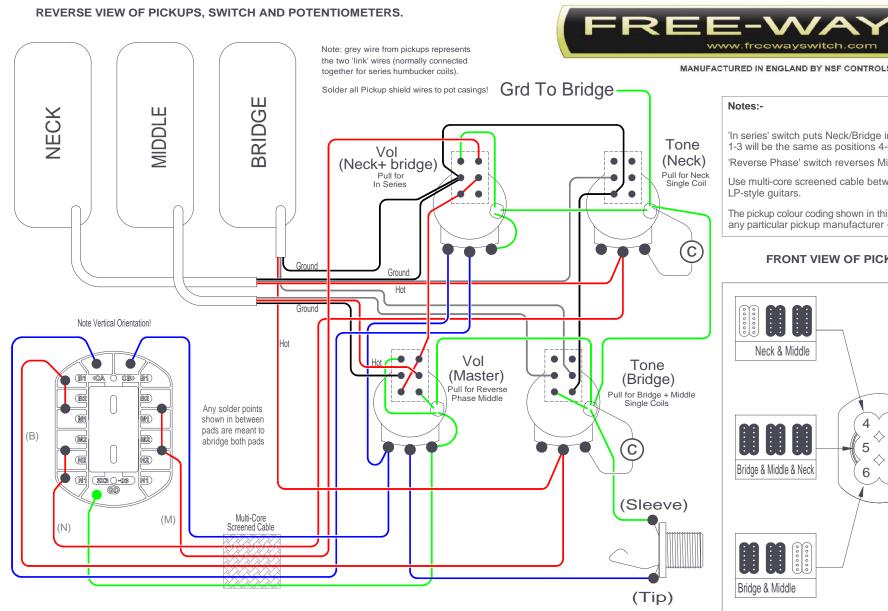
FRONT VIEW OF PICKUPS AND SWITCH



Scheme No 115: Last Updated April B 2015

Model No:- 3X3-03 Free-Way Switch

HHH + Parallel Switching 3V/1T



MANUFACTURED IN ENGLAND BY NSF CONTROLS LTD

Notes:-

'In series' switch puts Neck/Bridge in series with Middle (position 1-3 will be the same as positions 4-6.)

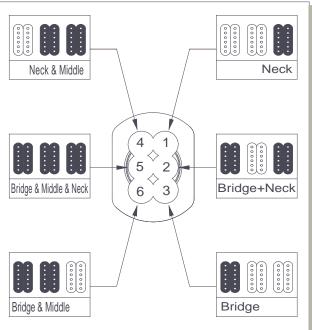
SWITCH

'Reverse Phase' switch reverses Middle pickup.

Use multi-core screened cable between switch and controls on LP-style guitars.

The pickup colour coding shown in this diagram does not represent any particular pickup manufacturer - please follow designations.

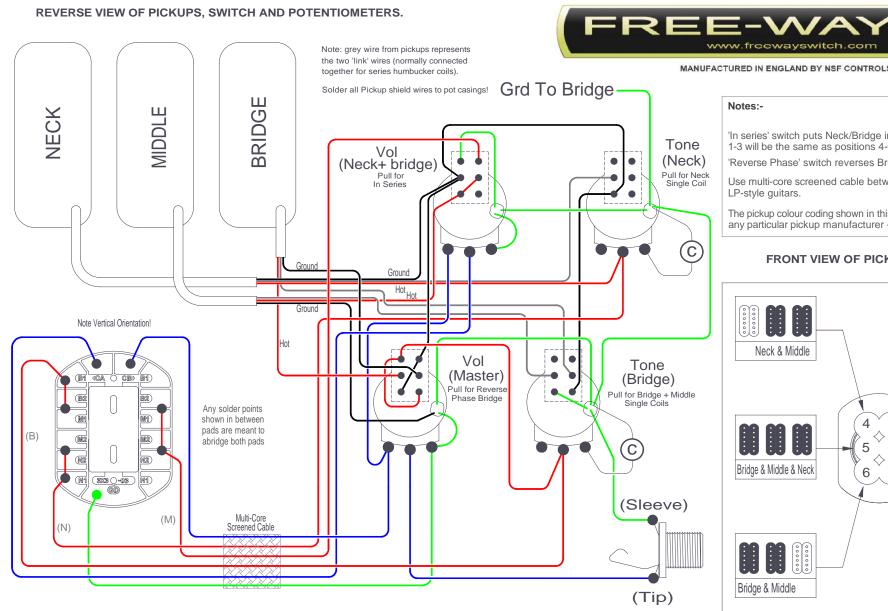
FRONT VIEW OF PICKUPS AND SWITCH



Scheme No 118: Last Updated May 2015

Model No:- 3X3-03 Free-Way Switch

HHH + Phase + Series + Split 2V/2T



MANUFACTURED IN ENGLAND BY NSF CONTROLS LTD

Notes:-

'In series' switch puts Neck/Bridge in series with Middle (position 1-3 will be the same as positions 4-6.)

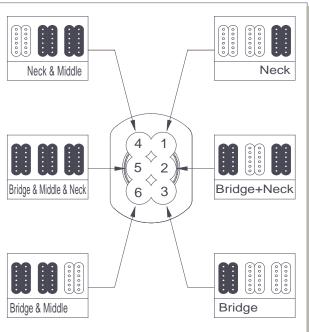
SWITCH

'Reverse Phase' switch reverses Bridge pickup.

Use multi-core screened cable between switch and controls on LP-style guitars.

The pickup colour coding shown in this diagram does not represent any particular pickup manufacturer - please follow designations.

FRONT VIEW OF PICKUPS AND SWITCH



Scheme No 119: Last Updated May 2015

Model No:- 3X3-03 Free-Way Switch

HHH + Phase + Series + Split 2V/2T

REVERSE VIEW OF PICKUPS, SWITCH AND POTENTIOMETERS. EE-WAY SWITCH MANUFACTURED IN ENGLAND BY NSF CONTROLS LTD

Notes:-

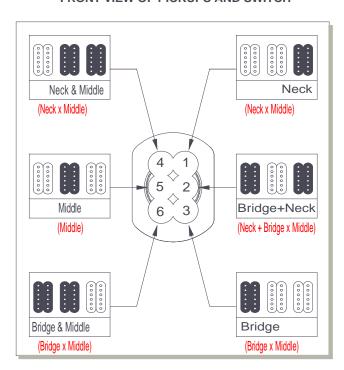
Vol & Tone pots are shown with 50's style tone capacitor wiring. Keep all unshielded wires as short as possible - Neck and Bridge pick-ups require separate ground/shields.

Push/pull switch - pull out for middle pickup in series with any other selected pickup.

Red text indicates pickup configuration when switch is pulled out.

The pickup colour coding shown in this diagram does not represent any particular pickup manufacturer - please follow designations.

FRONT VIEW OF PICKUPS AND SWITCH



Scheme No 133: Last Updated Sept 2015

MIDDLE **3RIDG** Grd To Bridge Vol Tone (Neck) (Neck) Shield Shield Pull for Middle in Series Ground Note Vertical Orientation! Tone Ground (Bridge) Vol (Bridge) Shield C 3003 O-03 N1 (Sleeve) (Tip) Any solder points shown in between pads are meant to

Model No:- 3X3-03 Free-Way Switch

abridge both pads

HHH + Series Switching 2V/2T