

MANUFACTURED IN ENGLAND BY NSF CONTROLS LTD

3RIDGE MIDDLE NECK Grd To Bridge Vol Vol (Neck) (Master) Ground Ground Vol Tone SO-Q SXS IN (Bridge) (Master) Any solder points shown in between (C)pads are meant to abridge both pads Ground BI 4CV O CBF BID (Tip) Multi-Core Screened Cable Note Vertical Orientation! Switch is correctly shown rotated at 180 degrees (Sleeve)

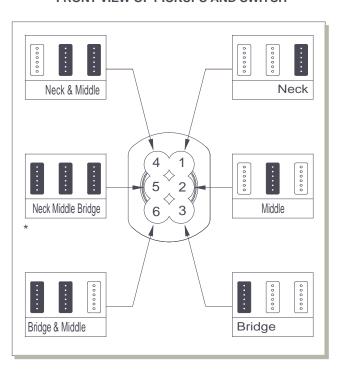
Notes:-

Master Vol and Tone controls work in all 6 positions.

Neck and Bridge Vol controls are shown as standard LP wiring (either will mute the output in position 5). For more flexibility in mixing pickup combinations in positions 4 5 & 6, transpose pink and red wires on both Neck and Bridge volume controls.

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 015: Last Updated Aug 2013

REVERSE VIEW OF PICKUPS, SWITCH AND POTENTIOMETERS. FREVERSE VIEW OF PICKUPS, SWITCH AND POTENTIOMETERS. SWITCH www.freewayswitch.com

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Notes:-

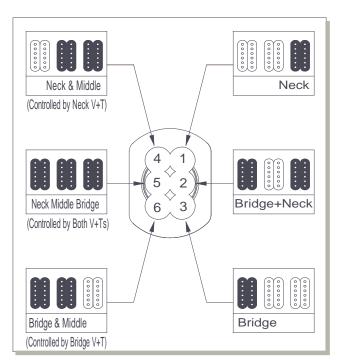
Vol & Tone pots are shown with 50's style tone capacitor wiring. Keep all unshielded wires as short as possible - use Shielded cable where longer.

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.

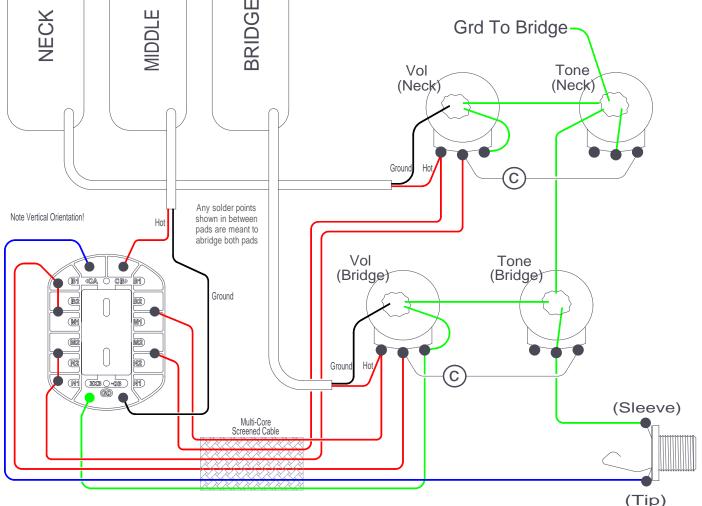
FRONT VIEW OF PICKUPS AND SWITCH



Scheme No 037: Last Updated Dec 2013

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

HHH (50s Wiring) 2V/2T





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BRIDGE **Grd To Bridge** Vol Vol (Neck) (Mid) Ground Groun Note Vertical Orientation! Vol Tone (Bridge) (Master) Any solder points shown in between pads are meant to (B) abridge both pads Ground N1 303 0-03 N1 GD (Sleeve) Multi-Core (Tip)

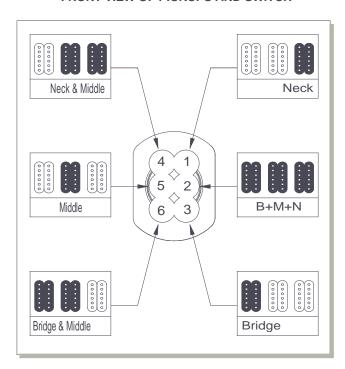
Notes:-

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 041: Last Updated Jan 2014

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

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Ш BRIDGE MIDDLI Grd To Bridge Tone Tone (Neck) (Middle) (SHIELD) C (C)Ground Solder & tape Link wires Note Vertical Orientation! Tone Vol (Bridge) (Master) B1 1GA O CB1 B1 (B) C 3003 O-03 N1 (Sleeve) Solder & tape Multi-Core Screened Cable Link wires

Notes:-

(Tip)

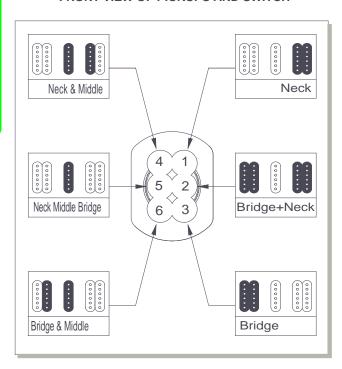
'Link' wires would normally be connected for series humbucker operation (typically these are North & South finish wires).

Keep all unshielded wires as short as possible - use Shielded cable where longer.

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 049: Last Updated Feb 2014

Any solder points shown in between pads are meant to abridge both pads



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BRIDGE MIDDLE NECK Grd To Bridge-Vol Tone (Neck) (Neck) Ground Ground Note Vertical Orientation! Vol Tone (Bridge) (Bridge) (B1 4CA () CB> B1) Any solder points shown in between pads are meant to abridge both pads Ground (C N1 3030-03 Multi-Core Screened Cable (Tip) (Sleeve)

Notes:-

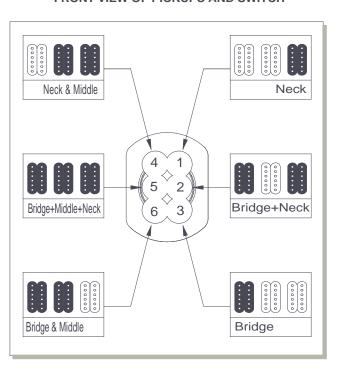
Vol/Tone controls work as normal in positions 1-3. Middle pickup is added in positions 4-6.

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 059: Last Updated Mar 2014



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MIDDL **Grd To Bridge** Vol Vol (Middle) (Master) (SHIELD) Solder & tape Link wires Ground Note Vertical Orientation! Tone Vol (Master) (B+N) Any solder points shown in between pads are meant to abridge both pads 3003 (-03) Solder & tape (Sleeve) Multi-Core (Tip)

Notes:-

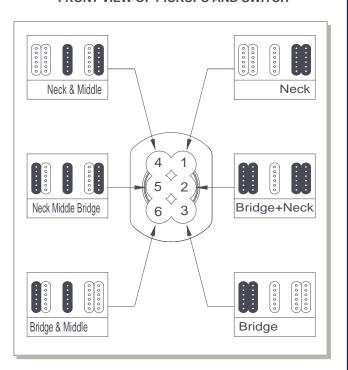
'Link' wires would normally be connected for series humbucker operation (typically these are North & South finish wires).

Keep all unshielded wires as short as possible - use Shielded cable where longer.

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 061B: Last Updated Apr 2014

Note:- 'Bridge + Neck' Volume Pot adjusts the level of Bridge and/or Neck pickup in any position - it will not mute the Middle pickup in positions 4-6.

Note:- 'Middle' Volume Pot adjusts the level of Middle pickup in positions 4-6 - it will not mute the neck and/or bridge pickups in these positions.

Note:- 'Master' Volume Pot works in all positions and will fully mute the guitar when turned down. Master tone works in all positions.

Model No:- 3X3-03

Free-Way Switch

HSH Coil Split + Level Controls 3V/1T



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BRIDGE **Grd To Bridge** Vol Vol (Neck) (Mid) Ground Groun Note Vertical Orientation! OD (N) Vol Tone (Bridge) (Master) Any solder points shown in between pads are meant to abridge both pads Ground (B1 4CV) CB PB1) (Sleeve) Multi-Core (M)

Note: Neck & Bridge Vol controls are 'master' controls in this diagram, so that the Neck Vol mutes the entire output in positions 1,4,5 & 6 and the Bridge Vol mutes the entire output in position 2,3 & 6. The Middle Vol blends in the Middle Pickup in positions 3, 5 & 6. If more scope for individual pickup blending is preferred, then reverse hot and wiper connections at B Vol and N Vol pots.

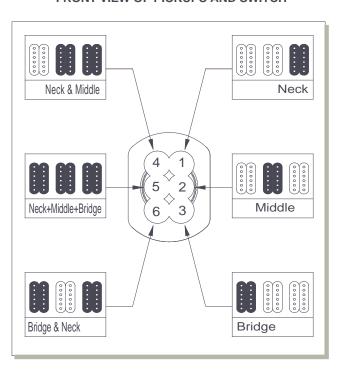
Notes:-

(Tip)

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 076: Last Updated July 2014

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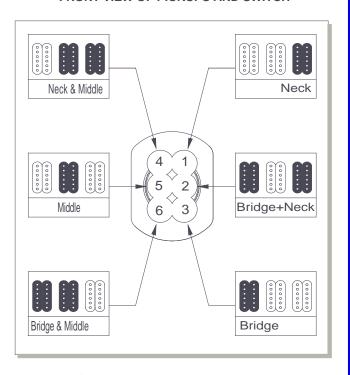
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Notes:-

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 094: Last Updated Nov 2014

BRIDGE MIDDLE Grd To Bridge Vol Vol (Neck) (Mid) Ground Groun Note Vertical Orientation! Vol Tone BI CA O CBD B1 (Bridge) (Master) Any solder points shown in between pads are meant to (B) abridge both pads Ground 3003 Q-03 N1 (Sleeve) Multi-Core (N) (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. If more scope for individual pickup blending is preferred, then reverse hot and wiper connections at B Vol and N Vol pots.