

## Mad Dog Coils Blue Heeler – User Guide

The Blue Heeler is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Blue Heeler at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Blue Heeler is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings that are connected to a SO-239 and BNC sockets.

To assist with packaging the product maybe be shipped with the three bolts, washers, eye rings and coupler nuts not installed. The SO-239 and BNC sockets are installed. Please review the assembly instructions below.

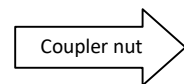
NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W



I hope you get many years of use and enjoyment out of your Mad Dog Coils product.

73' Marty VK4KC the Mad Dog

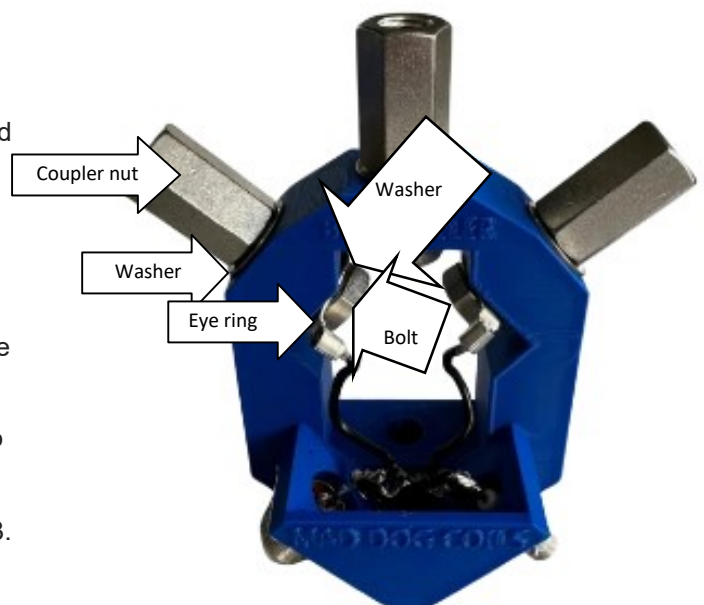
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### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.
2. Slide a 1.5 inch bolt through the eye terminal hole and then add a provided washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.
3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



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It is designed to be tripod mounted ideally with the Kelpie at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Kelpie is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

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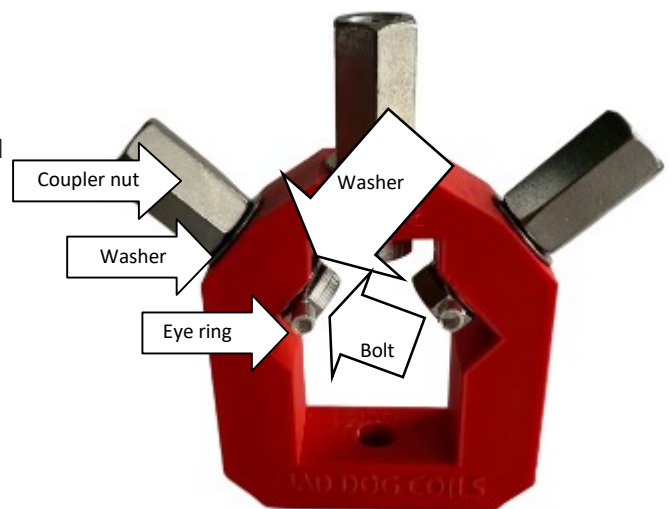
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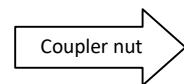
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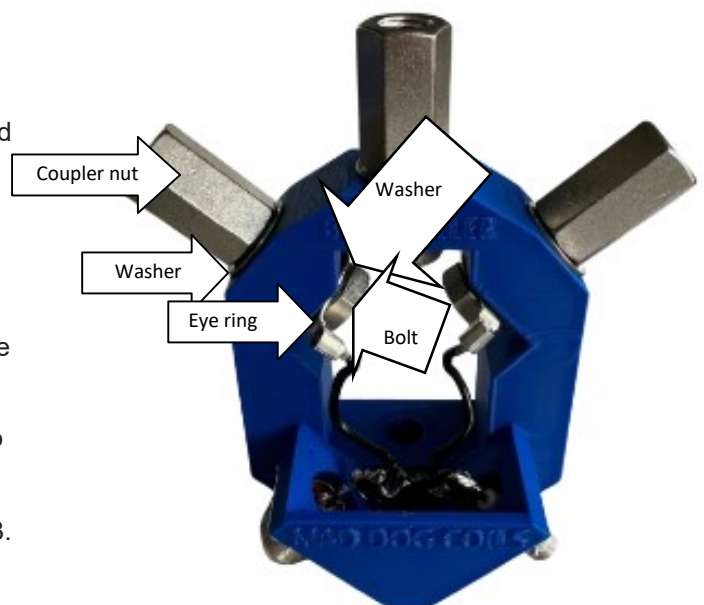
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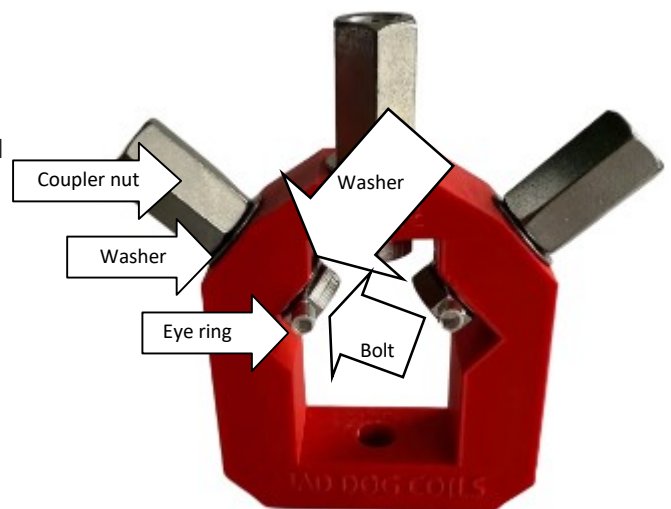
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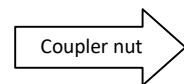
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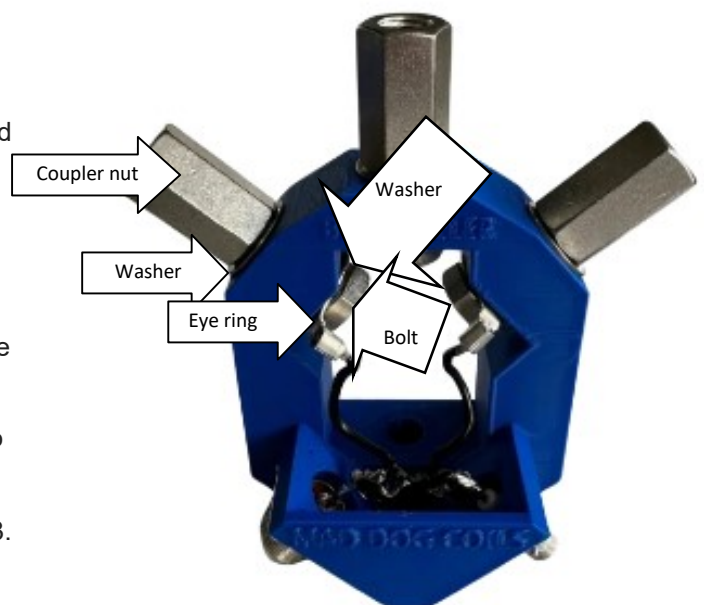
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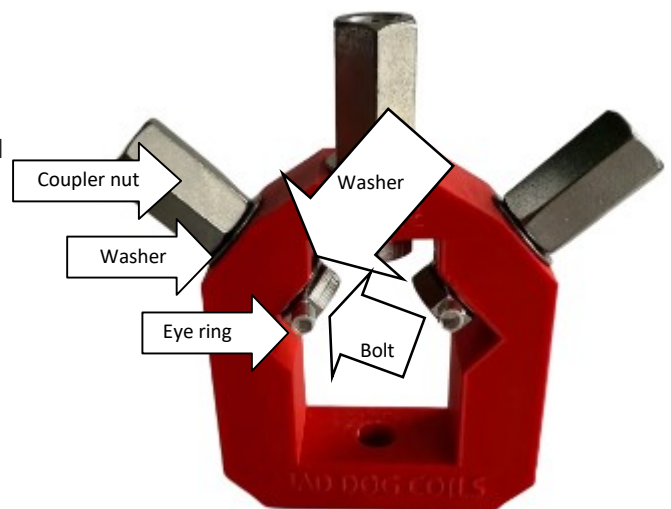
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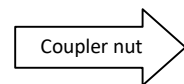
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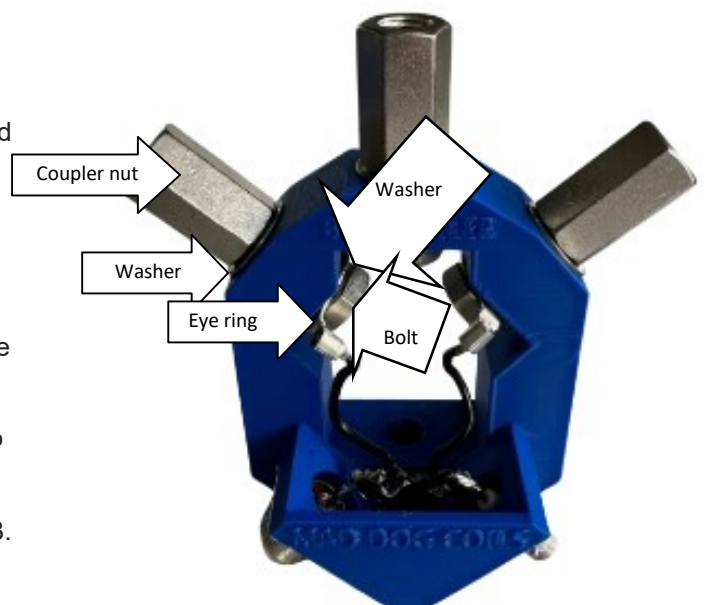
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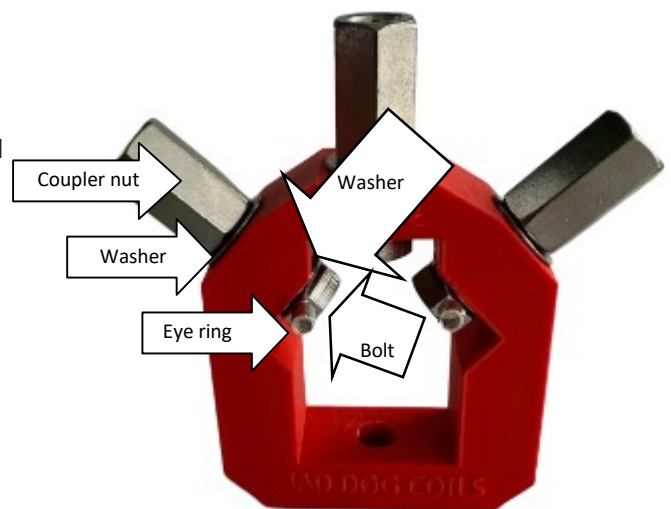
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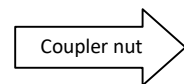
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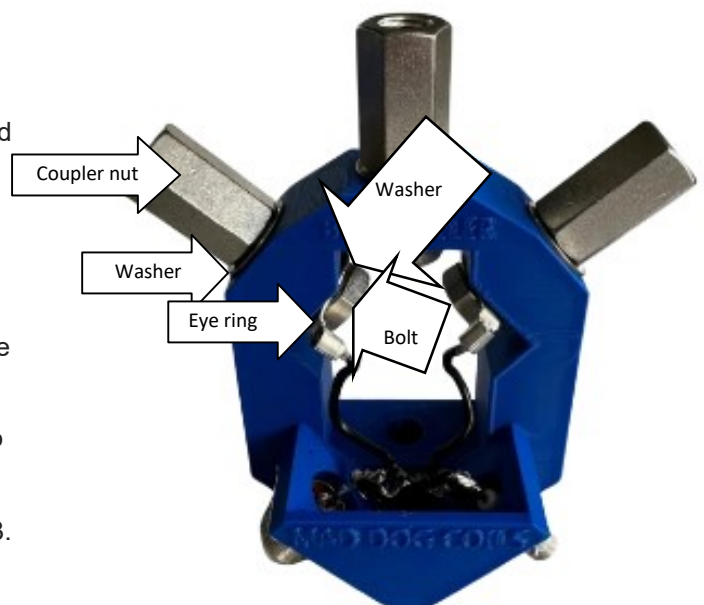
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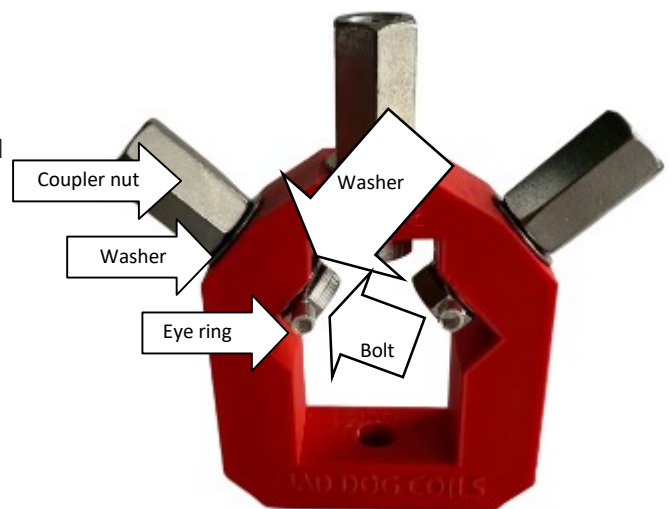
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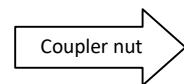
NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W



I hope you get many years of use and enjoyment out of your Mad Dog Coils product.

73' Marty VK4KC the Mad Dog

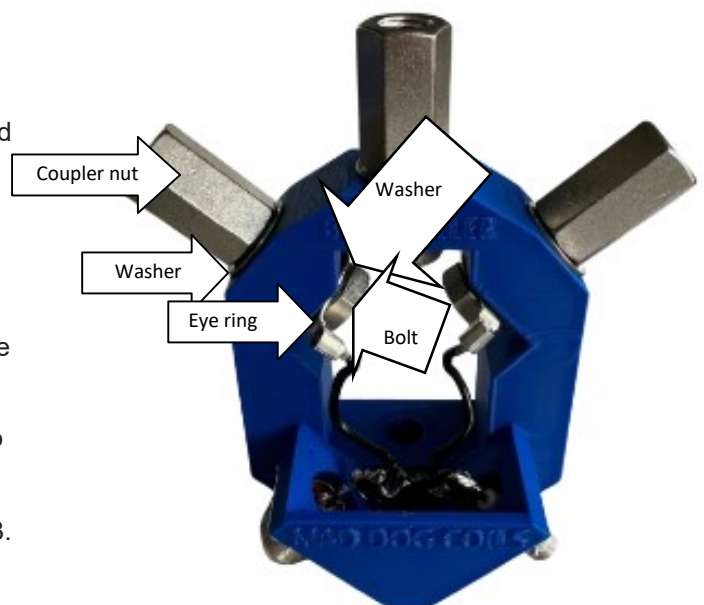
### \* Disclaimer \*

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### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.
2. Slide a 1.5 inch bolt through the eye terminal hole and then add a provided washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.
3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Kelpie – User Guide

The Kelpie is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Kelpie at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Kelpie is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings.

To assist with packaging the product maybe be shipped with the three bolts, washers, eye rings and coupler nuts not installed. Please review the assembly instructions below.

NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W

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73' Marty VK4KC the Mad Dog

### \* Disclaimer \*

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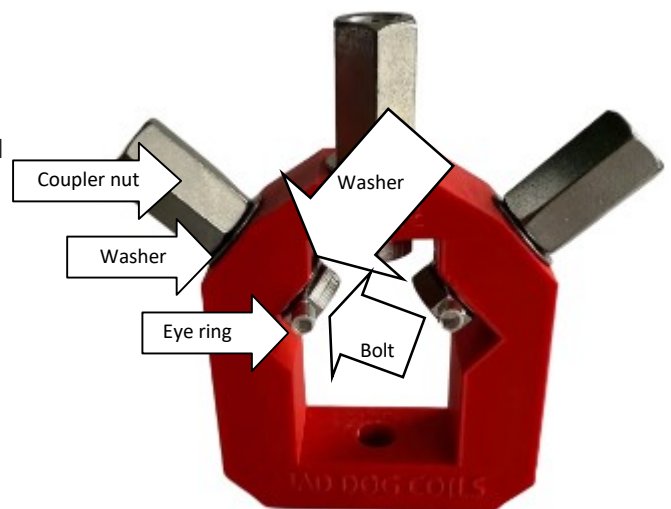
### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.

2. Slide a 1.5 inch bolt through the a provided eye terminal then add washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.

3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Blue Heeler – User Guide

The Blue Heeler is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Blue Heeler at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Blue Heeler is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings that are connected to a SO-239 and BNC sockets.

To assist with packaging the product maybe be shipped with the three bolts, washers, eye rings and coupler nuts not installed. The SO-239 and BNC sockets are installed. Please review the assembly instructions below.

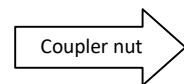
NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W



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73' Marty VK4KC the Mad Dog

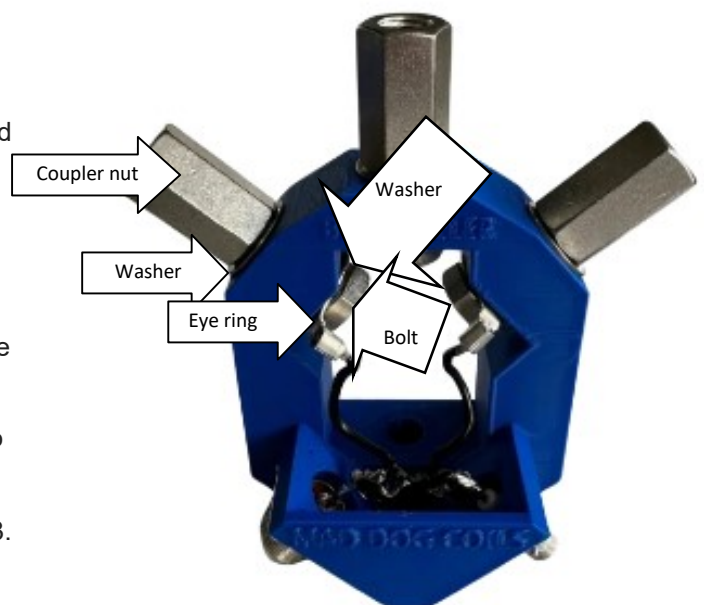
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### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.
2. Slide a 1.5 inch bolt through the eye terminal hole and then add a provided washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.
3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Kelpie – User Guide

The Kelpie is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Kelpie at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Kelpie is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings.

To assist with packaging the product maybe be shipped with the three bolts, washers, eye rings and coupler nuts not installed. Please review the assembly instructions below.

NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W

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73' Marty VK4KC the Mad Dog

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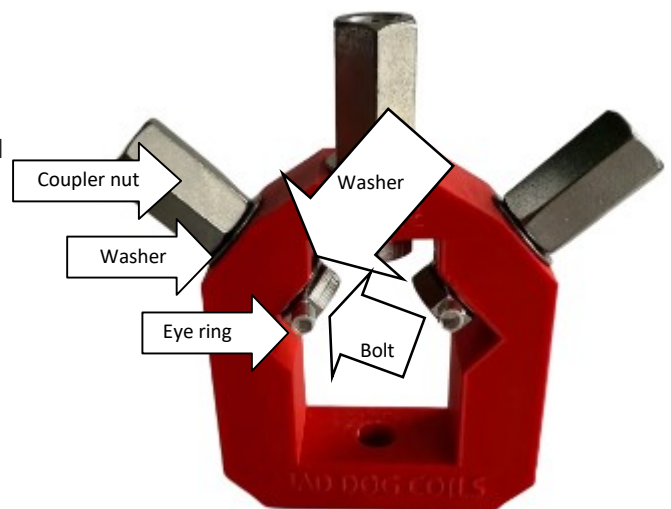
### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.

2. Slide a 1.5 inch bolt through the a provided eye terminal then add washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.

3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Blue Heeler – User Guide

The Blue Heeler is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Blue Heeler at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Blue Heeler is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings that are connected to a SO-239 and BNC sockets.

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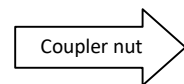
NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W



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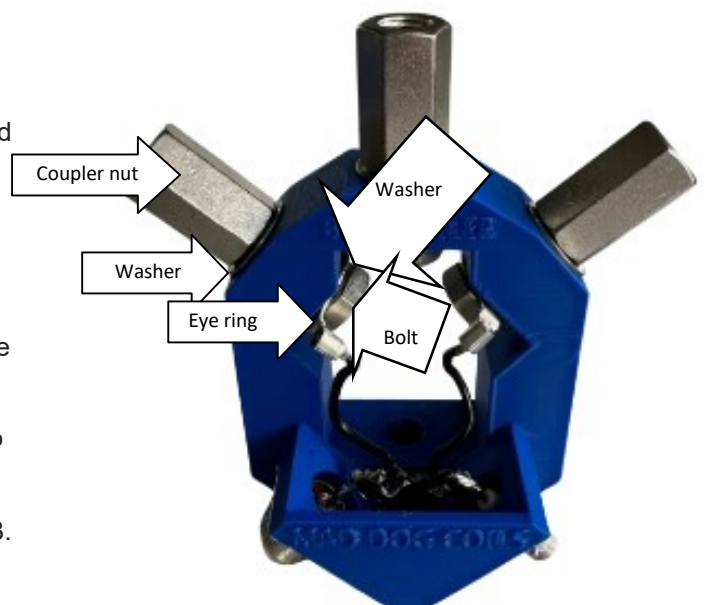
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### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.
2. Slide a 1.5 inch bolt through the eye terminal hole and then add a provided washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.
3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Kelpie – User Guide

The Kelpie is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Kelpie at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Kelpie is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings.

To assist with packaging the product maybe be shipped with the three bolts, washers, eye rings and coupler nuts not installed. Please review the assembly instructions below.

NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W

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73' Marty VK4KC the Mad Dog

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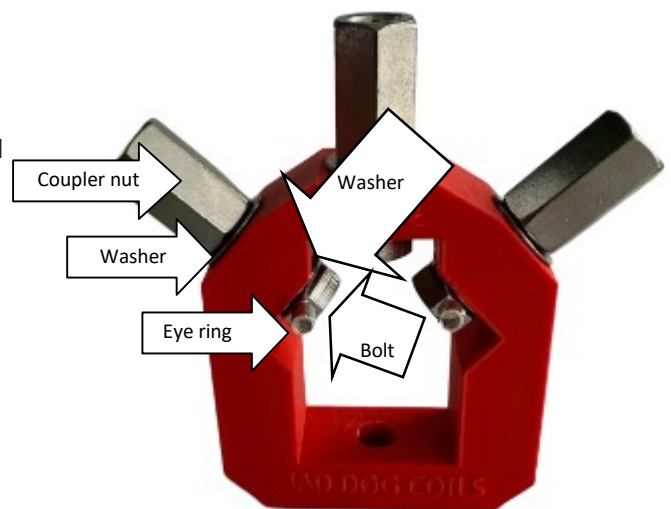
### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.

2. Slide a 1.5 inch bolt through the a provided eye terminal then add washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.

3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.





## Mad Dog Coils Blue Heeler – User Guide

The Blue Heeler is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Blue Heeler at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Blue Heeler is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings that are connected to a SO-239 and BNC sockets.

To assist with packaging the product maybe be shipped with the three bolts, washers, eye rings and coupler nuts not installed. The SO-239 and BNC sockets are installed. Please review the assembly instructions below.

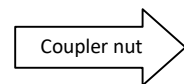
NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W



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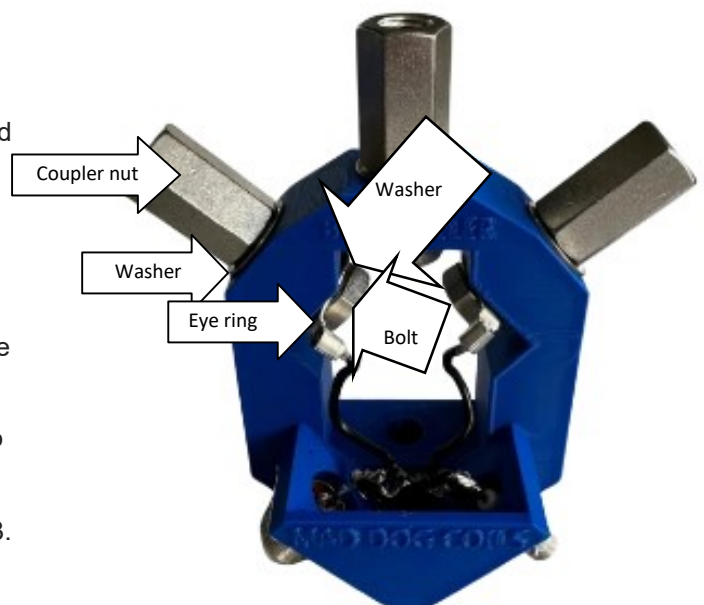
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### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.
2. Slide a 1.5 inch bolt through the eye terminal hole and then add a provided washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.
3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Kelpie – User Guide

The Kelpie is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Kelpie at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Kelpie is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings.

To assist with packaging the product maybe be shipped with the three bolts, washers, eye rings and coupler nuts not installed. Please review the assembly instructions below.

NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W

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73' Marty VK4KC the Mad Dog

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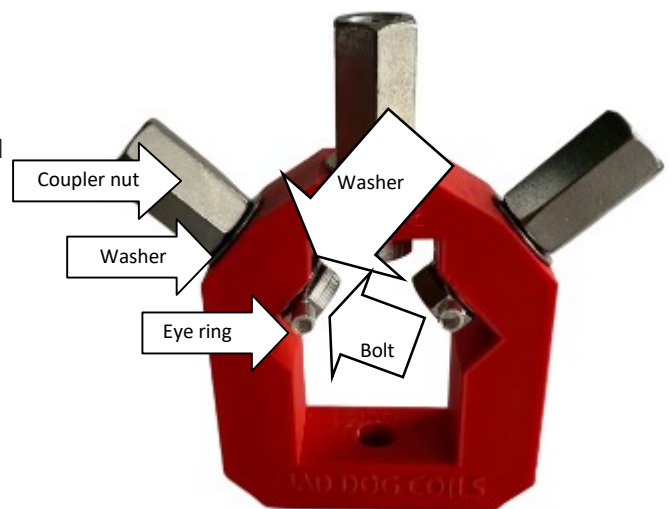
### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.

2. Slide a 1.5 inch bolt through the a provided eye terminal then add washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.

3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Blue Heeler – User Guide

The Blue Heeler is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Blue Heeler at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Blue Heeler is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings that are connected to a SO-239 and BNC sockets.

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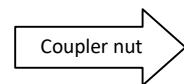
NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W



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73' Marty VK4KC the Mad Dog

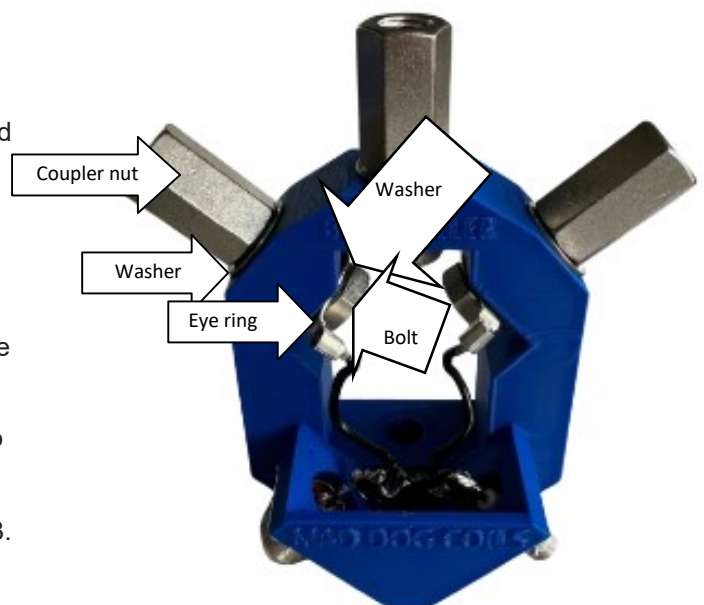
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### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.
2. Slide a 1.5 inch bolt through the eye terminal hole and then add a provided washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.
3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Kelpie – User Guide

The Kelpie is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Kelpie at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Kelpie is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings.

To assist with packaging the product maybe be shipped with the three bolts, washers, eye rings and coupler nuts not installed. Please review the assembly instructions below.

NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W

I hope you get many years of use and enjoyment out of your Mad Dog Coils product.

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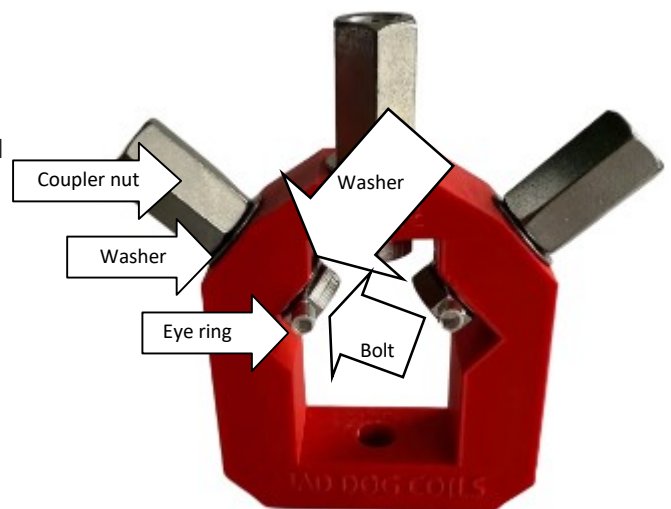
### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.

2. Slide a 1.5 inch bolt through the a provided eye terminal then add washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.

3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Blue Heeler – User Guide

The Blue Heeler is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Blue Heeler at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Blue Heeler is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings that are connected to a SO-239 and BNC sockets.

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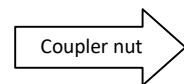
NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W



I hope you get many years of use and enjoyment out of your Mad Dog Coils product.

73' Marty VK4KC the Mad Dog

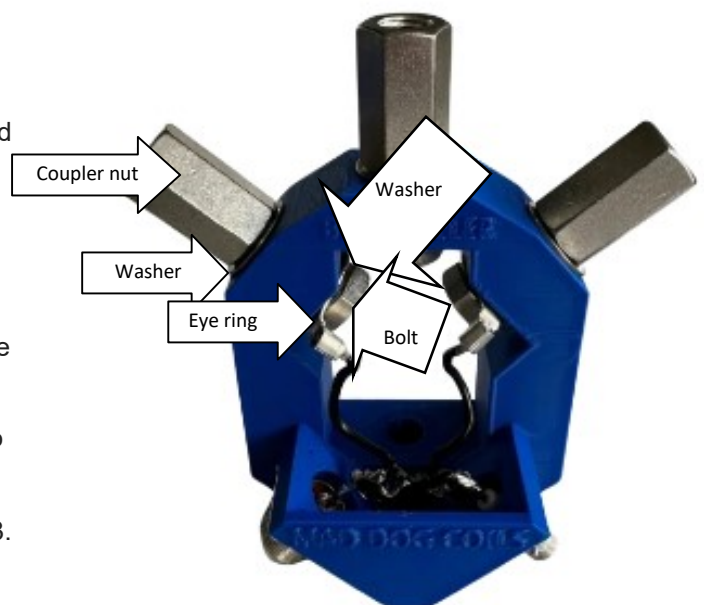
### \* Disclaimer \*

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### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.
2. Slide a 1.5 inch bolt through the eye terminal hole and then add a provided washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.
3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Kelpie – User Guide

The Kelpie is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Kelpie at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Kelpie is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings.

To assist with packaging the product maybe be shipped with the three bolts, washers, eye rings and coupler nuts not installed. Please review the assembly instructions below.

NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W

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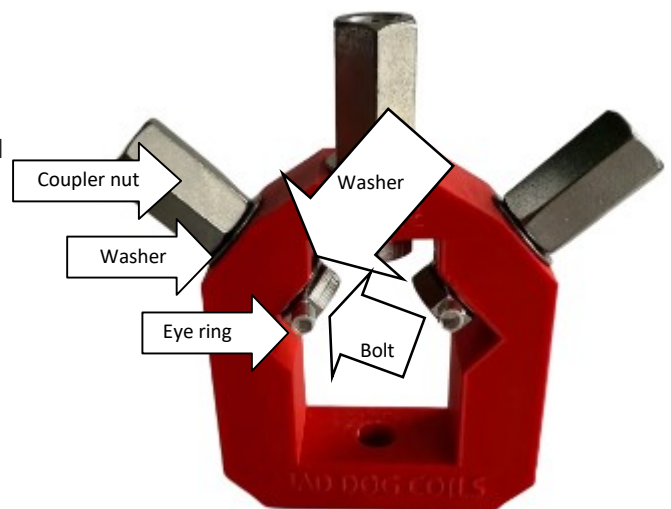
### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.

2. Slide a 1.5 inch bolt through the a provided eye terminal then add washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.

3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Blue Heeler – User Guide

The Blue Heeler is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Blue Heeler at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Blue Heeler is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings that are connected to a SO-239 and BNC sockets.

To assist with packaging the product maybe be shipped with the three bolts, washers, eye rings and coupler nuts not installed. The SO-239 and BNC sockets are installed. Please review the assembly instructions below.

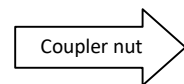
NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W



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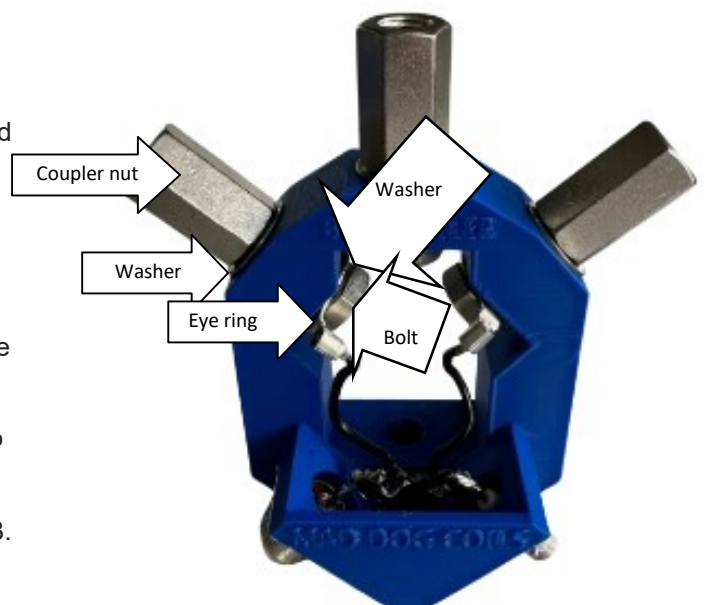
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### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.
2. Slide a 1.5 inch bolt through the eye terminal hole and then add a provided washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.
3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Kelpie – User Guide

The Kelpie is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Kelpie at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Kelpie is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings.

To assist with packaging the product maybe be shipped with the three bolts, washers, eye rings and coupler nuts not installed. Please review the assembly instructions below.

NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W

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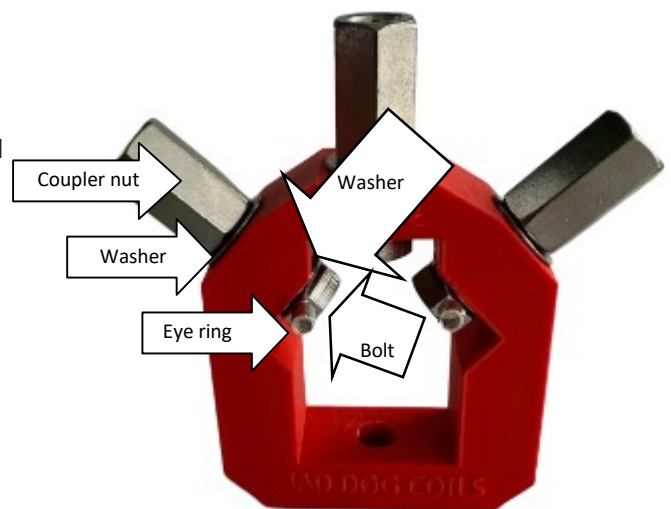
### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.

2. Slide a 1.5 inch bolt through the a provided eye terminal then add washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.

3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.





## Mad Dog Coils Blue Heeler – User Guide

The Blue Heeler is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Blue Heeler at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Blue Heeler is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings that are connected to a SO-239 and BNC sockets.

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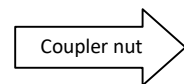
NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W



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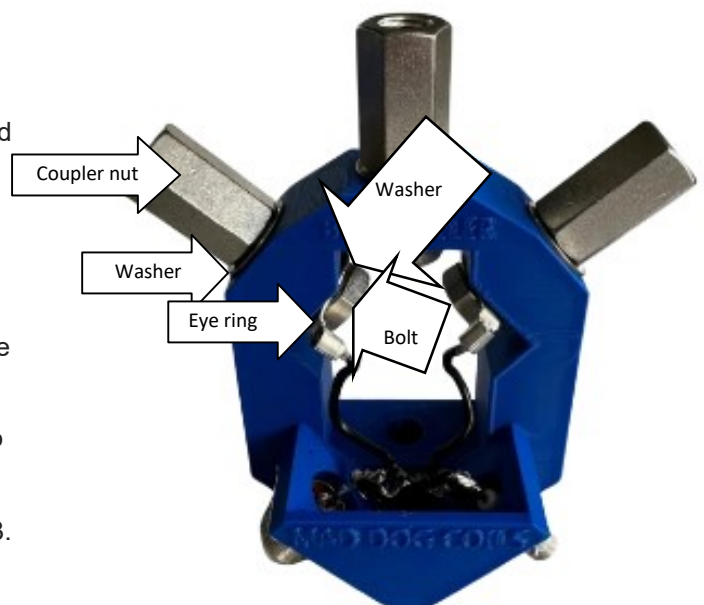
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### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.
2. Slide a 1.5 inch bolt through the eye terminal hole and then add a provided washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.
3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Kelpie – User Guide

The Kelpie is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Kelpie at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Kelpie is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings.

To assist with packaging the product maybe be shipped with the three bolts, washers, eye rings and coupler nuts not installed. Please review the assembly instructions below.

NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W

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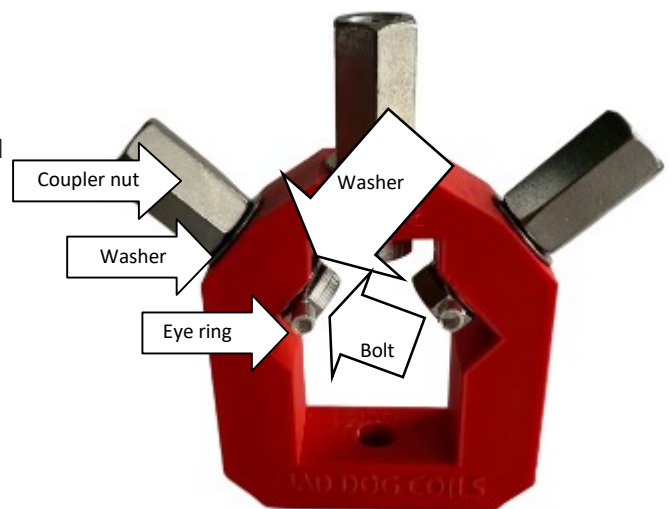
### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.

2. Slide a 1.5 inch bolt through the a provided eye terminal then add washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.

3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Blue Heeler – User Guide

The Blue Heeler is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Blue Heeler at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Blue Heeler is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings that are connected to a SO-239 and BNC sockets.

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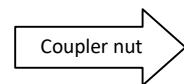
NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W



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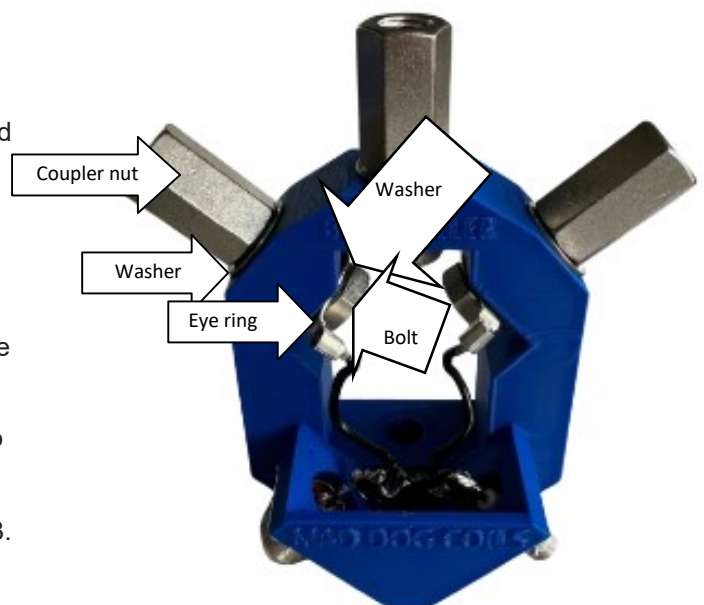
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### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.
2. Slide a 1.5 inch bolt through the eye terminal hole and then add a provided washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.
3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Kelpie – User Guide

The Kelpie is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Kelpie at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Kelpie is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings.

To assist with packaging the product maybe be shipped with the three bolts, washers, eye rings and coupler nuts not installed. Please review the assembly instructions below.

NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W

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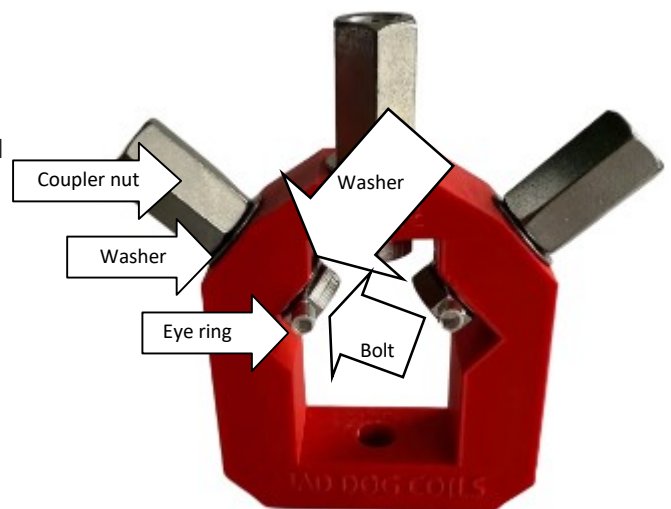
### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.

2. Slide a 1.5 inch bolt through the a provided eye terminal then add washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.

3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Blue Heeler – User Guide

The Blue Heeler is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Blue Heeler at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Blue Heeler is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings that are connected to a SO-239 and BNC sockets.

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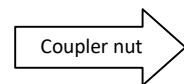
NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W



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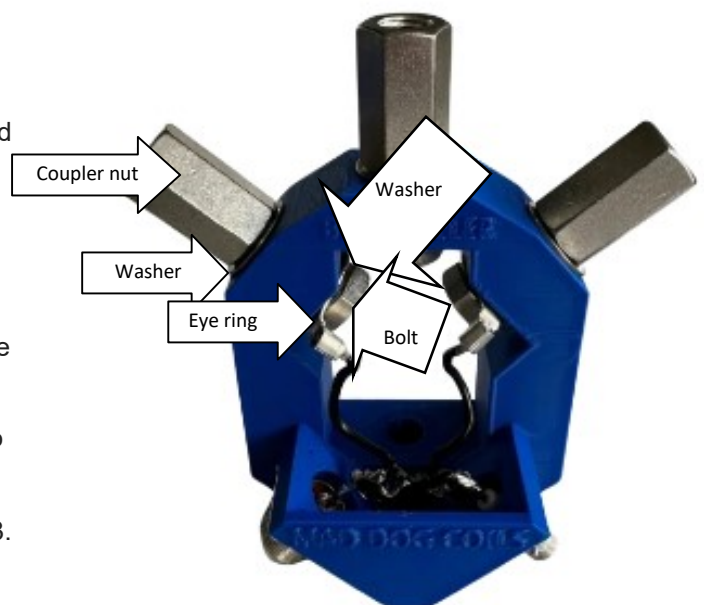
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### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.
2. Slide a 1.5 inch bolt through the eye terminal hole and then add a provided washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.
3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Kelpie – User Guide

The Kelpie is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Kelpie at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Kelpie is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings.

To assist with packaging the product maybe be shipped with the three bolts, washers, eye rings and coupler nuts not installed. Please review the assembly instructions below.

NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W

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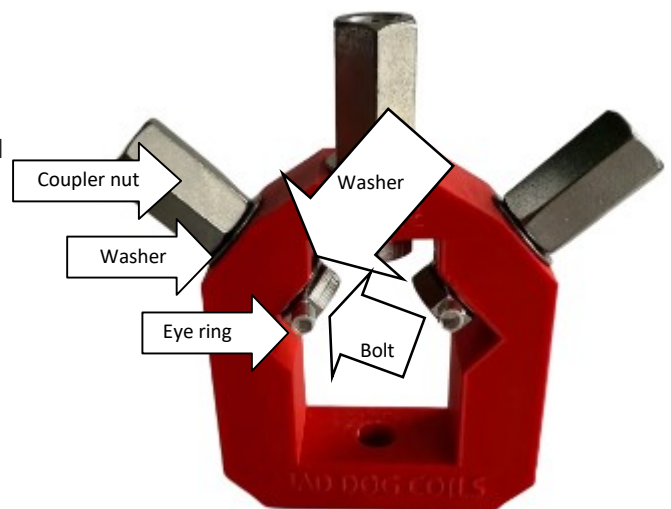
### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.

2. Slide a 1.5 inch bolt through the a provided eye terminal then add washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.

3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Blue Heeler – User Guide

The Blue Heeler is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Blue Heeler at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Blue Heeler is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

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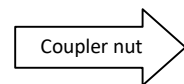
NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W



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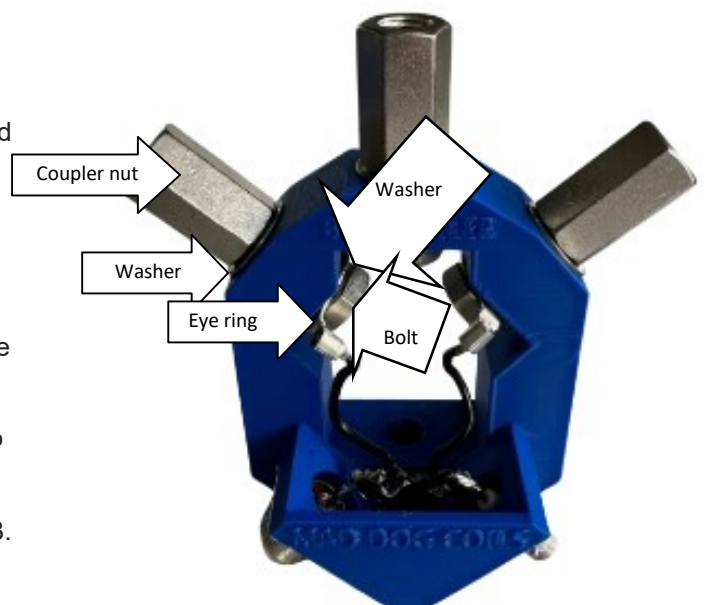
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### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.
2. Slide a 1.5 inch bolt through the eye terminal hole and then add a provided washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.
3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Kelpie – User Guide

The Kelpie is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Kelpie at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Kelpie is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings.

To assist with packaging the product maybe be shipped with the three bolts, washers, eye rings and coupler nuts not installed. Please review the assembly instructions below.

NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W

I hope you get many years of use and enjoyment out of your Mad Dog Coils product.

73' Marty VK4KC the Mad Dog

### \* Disclaimer \*

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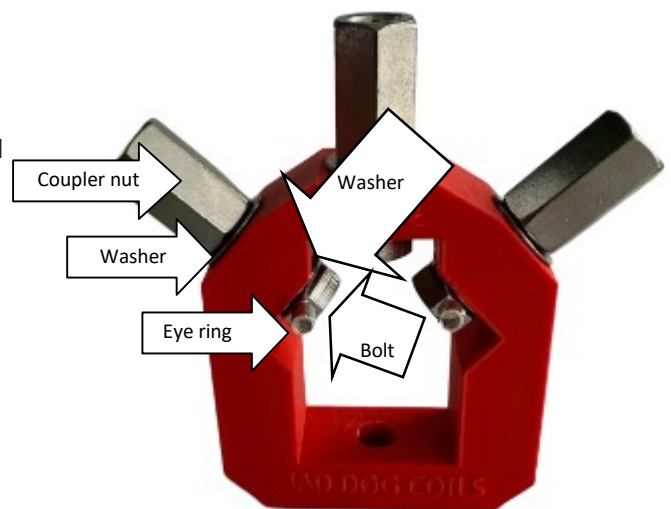
### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.

2. Slide a 1.5 inch bolt through the a provided eye terminal then add washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.

3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.





## Mad Dog Coils Blue Heeler – User Guide

The Blue Heeler is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Blue Heeler at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Blue Heeler is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings that are connected to a SO-239 and BNC sockets.

To assist with packaging the product maybe be shipped with the three bolts, washers, eye rings and coupler nuts not installed. The SO-239 and BNC sockets are installed. Please review the assembly instructions below.

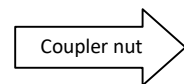
NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W



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73' Marty VK4KC the Mad Dog

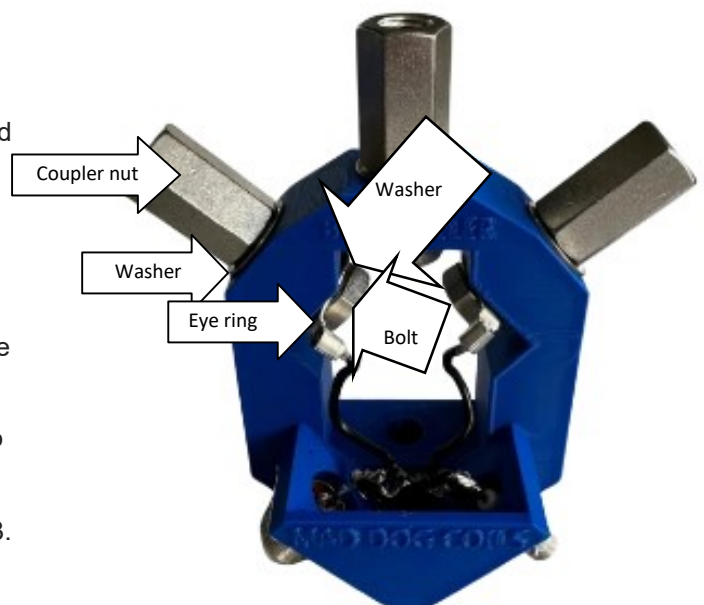
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### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.
2. Slide a 1.5 inch bolt through the eye terminal hole and then add a provided washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.
3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Kelpie – User Guide

The Kelpie is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Kelpie at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Kelpie is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings.

To assist with packaging the product maybe be shipped with the three bolts, washers, eye rings and coupler nuts not installed. Please review the assembly instructions below.

NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W

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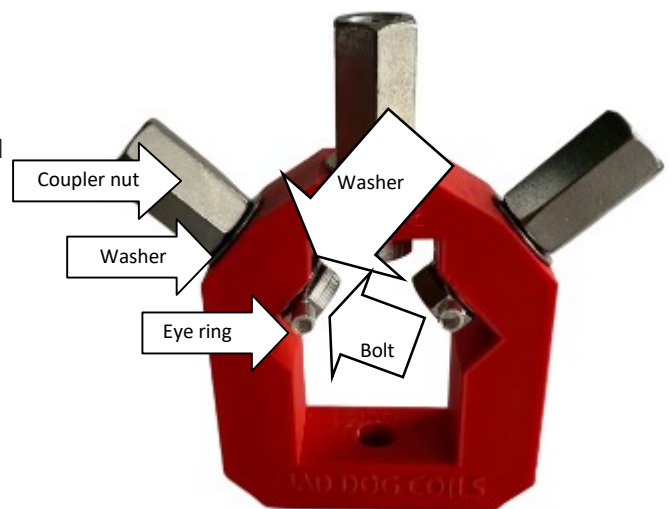
### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.

2. Slide a 1.5 inch bolt through the a provided eye terminal then add washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.

3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Blue Heeler – User Guide

The Blue Heeler is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Blue Heeler at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Blue Heeler is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings that are connected to a SO-239 and BNC sockets.

To assist with packaging the product maybe be shipped with the three bolts, washers, eye rings and coupler nuts not installed. The SO-239 and BNC sockets are installed. Please review the assembly instructions below.

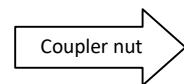
NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W



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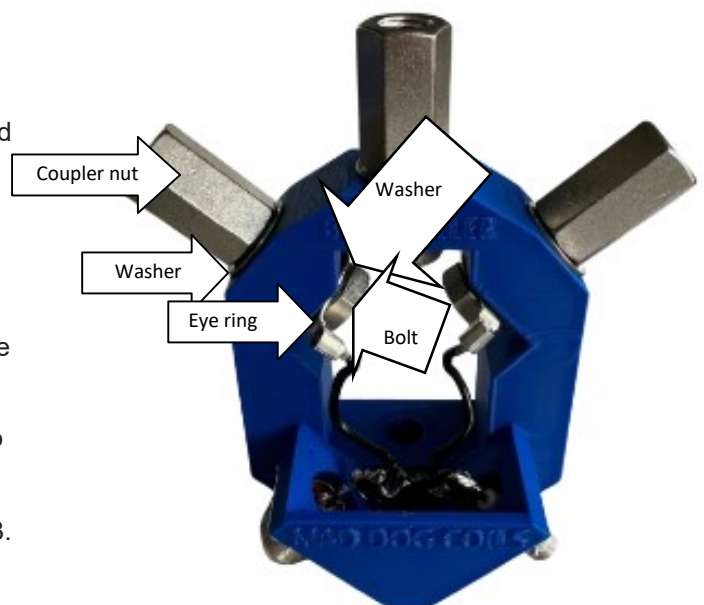
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### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.
2. Slide a 1.5 inch bolt through the eye terminal hole and then add a provided washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.
3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Kelpie – User Guide

The Kelpie is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Kelpie at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Kelpie is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings.

To assist with packaging the product maybe be shipped with the three bolts, washers, eye rings and coupler nuts not installed. Please review the assembly instructions below.

NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W

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73' Marty VK4KC the Mad Dog

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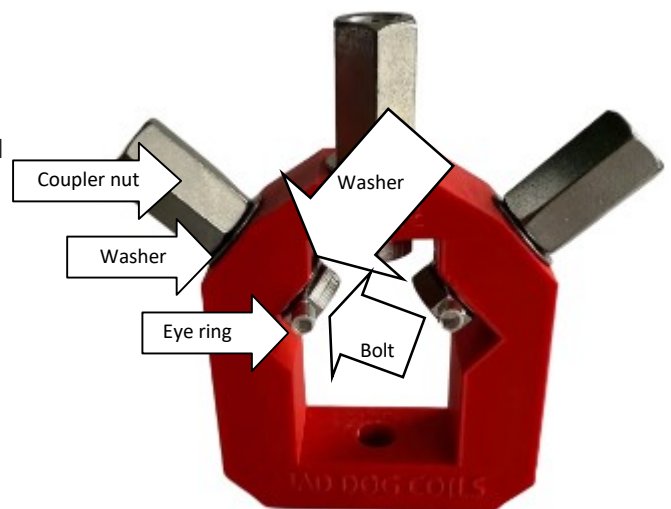
### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.

2. Slide a 1.5 inch bolt through the a provided eye terminal then add washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.

3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Blue Heeler – User Guide

The Blue Heeler is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Blue Heeler at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Blue Heeler is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings that are connected to a SO-239 and BNC sockets.

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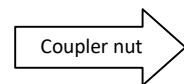
NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W



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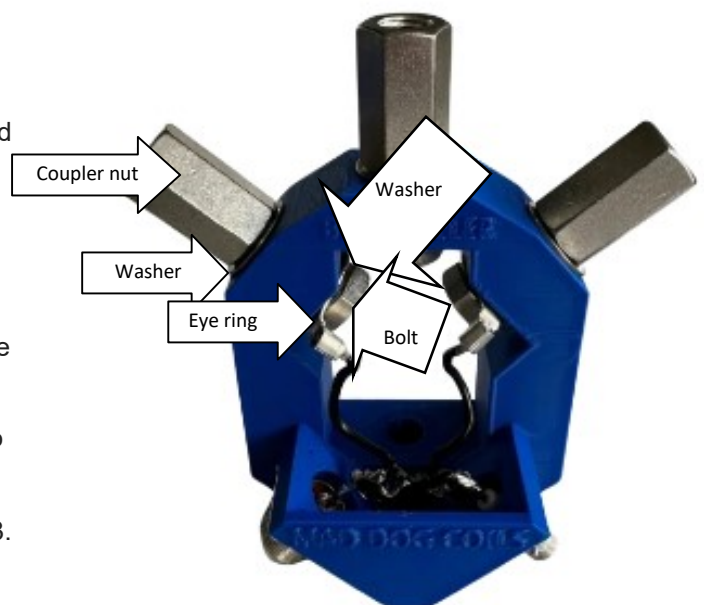
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### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.
2. Slide a 1.5 inch bolt through the eye terminal hole and then add a provided washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.
3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Kelpie – User Guide

The Kelpie is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Kelpie at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Kelpie is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings.

To assist with packaging the product maybe be shipped with the three bolts, washers, eye rings and coupler nuts not installed. Please review the assembly instructions below.

NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W

I hope you get many years of use and enjoyment out of your Mad Dog Coils product.

73' Marty VK4KC the Mad Dog

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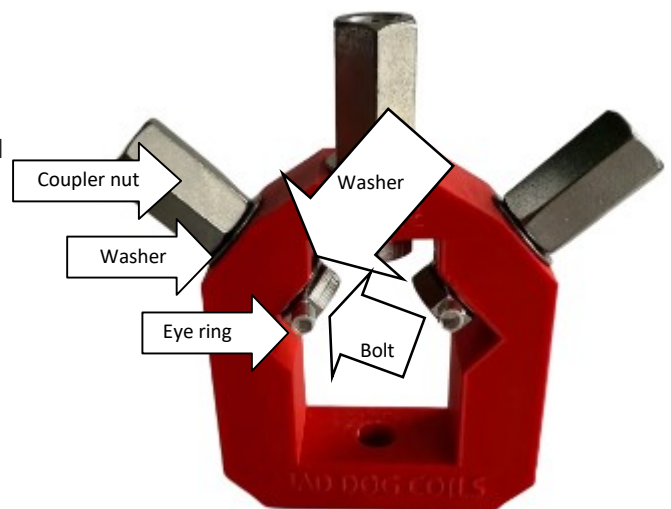
### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.

2. Slide a 1.5 inch bolt through the a provided eye terminal then add washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.

3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Blue Heeler – User Guide

The Blue Heeler is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Blue Heeler at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Blue Heeler is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings that are connected to a SO-239 and BNC sockets.

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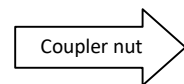
NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W



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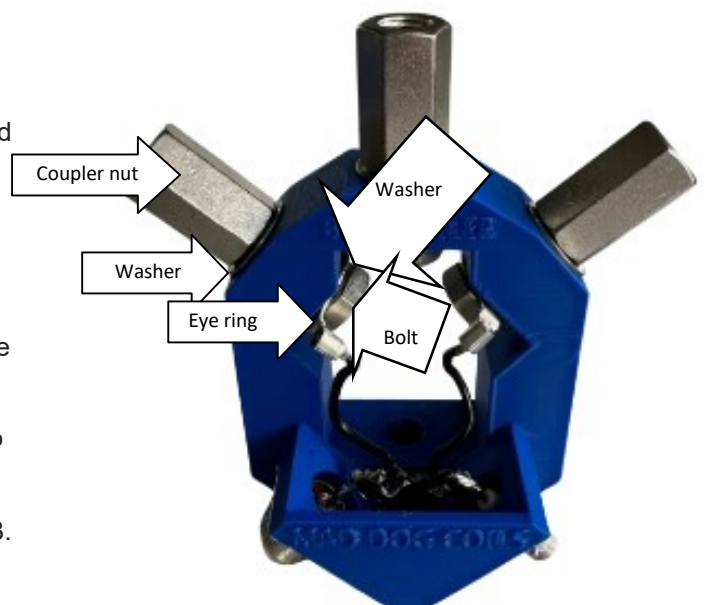
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### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.
2. Slide a 1.5 inch bolt through the eye terminal hole and then add a provided washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.
3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Kelpie – User Guide

The Kelpie is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Kelpie at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Kelpie is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings.

To assist with packaging the product maybe be shipped with the three bolts, washers, eye rings and coupler nuts not installed. Please review the assembly instructions below.

NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W

I hope you get many years of use and enjoyment out of your Mad Dog Coils product.

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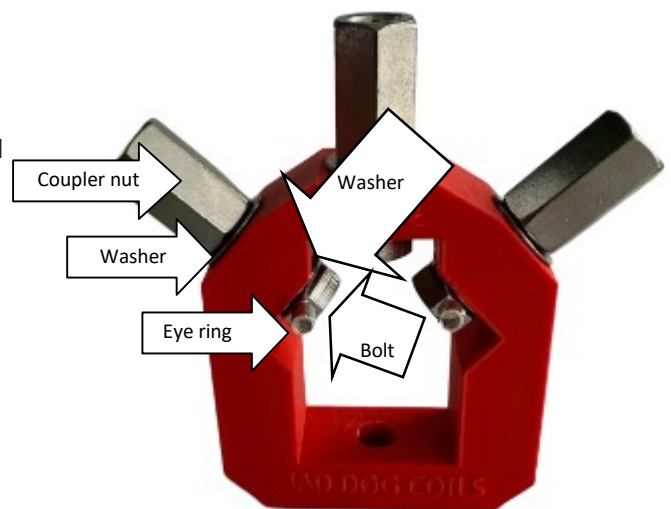
### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.

2. Slide a 1.5 inch bolt through the a provided eye terminal then add washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.

3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.





## Mad Dog Coils Blue Heeler – User Guide

The Blue Heeler is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Blue Heeler at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Blue Heeler is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings that are connected to a SO-239 and BNC sockets.

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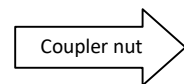
NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W



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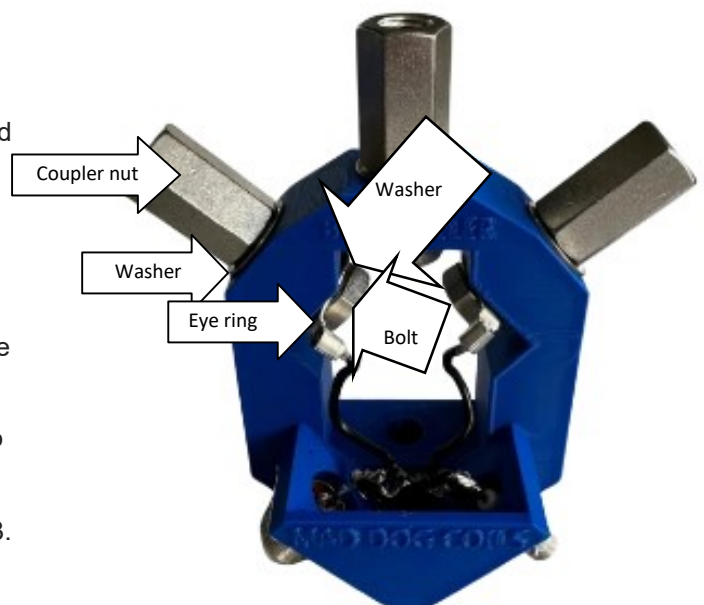
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### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.
2. Slide a 1.5 inch bolt through the eye terminal hole and then add a provided washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.
3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Kelpie – User Guide

The Kelpie is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Kelpie at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Kelpie is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings.

To assist with packaging the product maybe be shipped with the three bolts, washers, eye rings and coupler nuts not installed. Please review the assembly instructions below.

NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W

I hope you get many years of use and enjoyment out of your Mad Dog Coils product.

73' Marty VK4KC the Mad Dog

### \* Disclaimer \*

It should be noted that the Mad Dog Coils Blue Heeler should only be used in accordance to our specifications and within our stipulated intended use. All details of intended use are detailed in the documentation that is shipped with the product. We accept no liabilities for such uses outside of our intended use and stipulations.

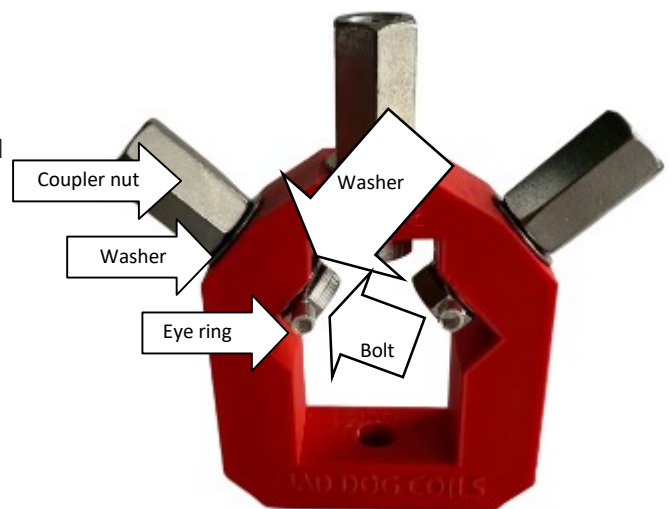
### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.

2. Slide a 1.5 inch bolt through the a provided eye terminal then add washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.

3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Blue Heeler – User Guide

The Blue Heeler is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Blue Heeler at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Blue Heeler is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings that are connected to a SO-239 and BNC sockets.

To assist with packaging the product maybe be shipped with the three bolts, washers, eye rings and coupler nuts not installed. The SO-239 and BNC sockets are installed. Please review the assembly instructions below.

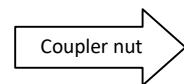
NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W



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73' Marty VK4KC the Mad Dog

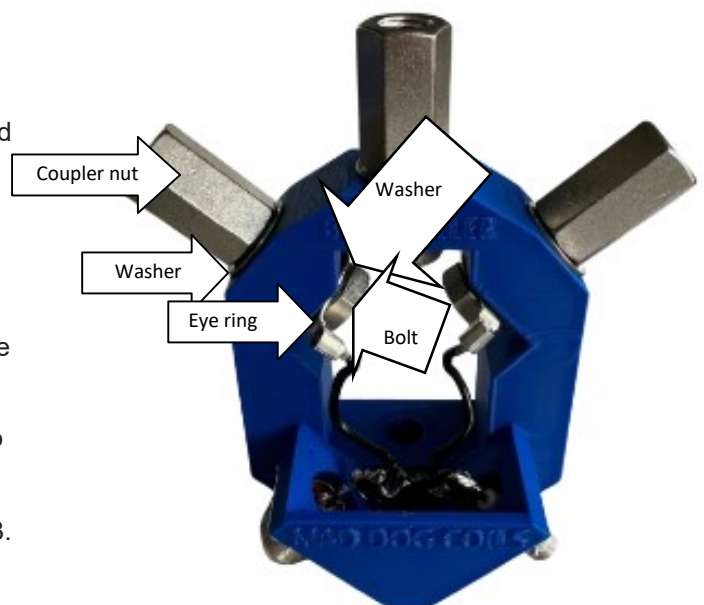
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### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.
2. Slide a 1.5 inch bolt through the eye terminal hole and then add a provided washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.
3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Kelpie – User Guide

The Kelpie is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Kelpie at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Kelpie is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings.

To assist with packaging the product maybe be shipped with the three bolts, washers, eye rings and coupler nuts not installed. Please review the assembly instructions below.

NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W

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73' Marty VK4KC the Mad Dog

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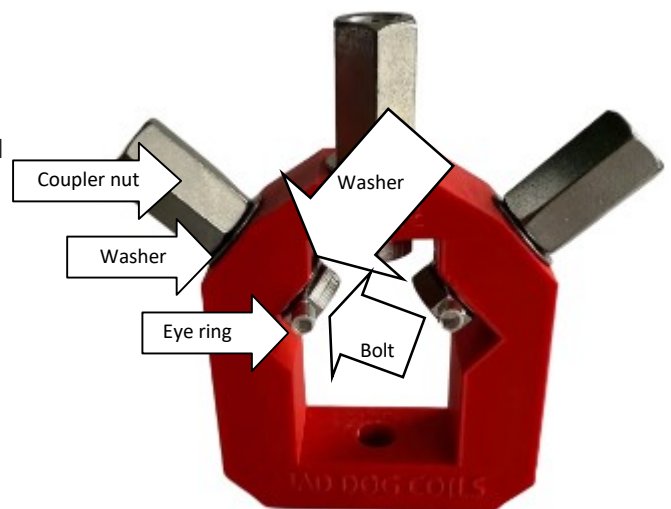
### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.

2. Slide a 1.5 inch bolt through the a provided eye terminal then add washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.

3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Blue Heeler – User Guide

The Blue Heeler is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Blue Heeler at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Blue Heeler is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings that are connected to a SO-239 and BNC sockets.

To assist with packaging the product maybe be shipped with the three bolts, washers, eye rings and coupler nuts not installed. The SO-239 and BNC sockets are installed. Please review the assembly instructions below.

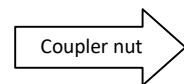
NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W



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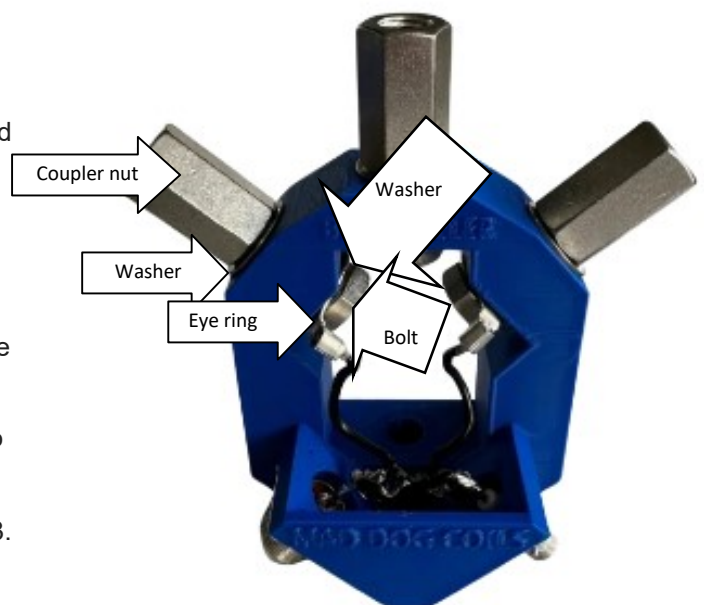
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### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.
2. Slide a 1.5 inch bolt through the eye terminal hole and then add a provided washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.
3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Kelpie – User Guide

The Kelpie is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Kelpie at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Kelpie is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings.

To assist with packaging the product maybe be shipped with the three bolts, washers, eye rings and coupler nuts not installed. Please review the assembly instructions below.

NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W

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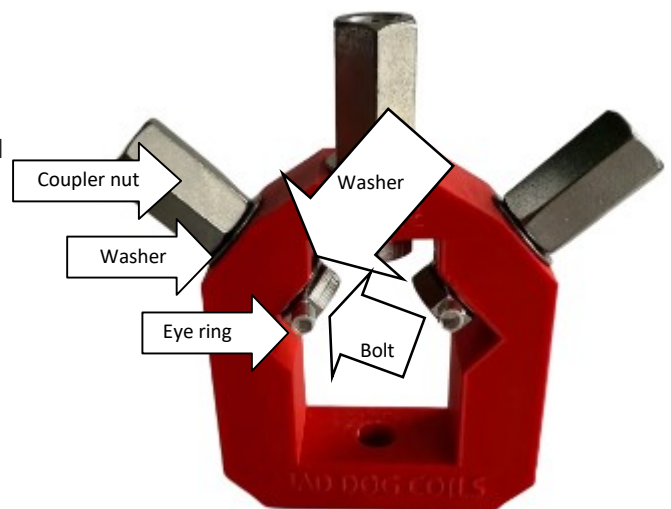
### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.

2. Slide a 1.5 inch bolt through the a provided eye terminal then add washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.

3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Blue Heeler – User Guide

The Blue Heeler is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Blue Heeler at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Blue Heeler is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings that are connected to a SO-239 and BNC sockets.

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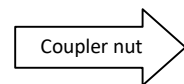
NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W



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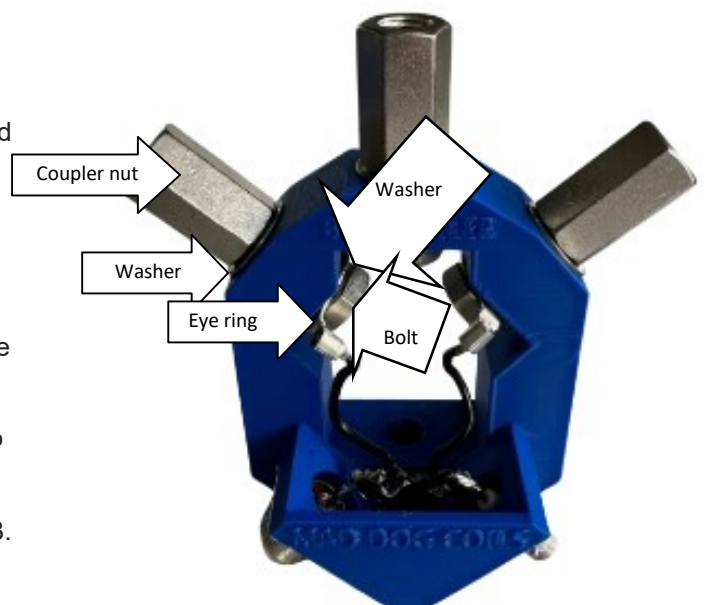
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### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.
2. Slide a 1.5 inch bolt through the eye terminal hole and then add a provided washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.
3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Kelpie – User Guide

The Kelpie is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Kelpie at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Kelpie is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings.

To assist with packaging the product maybe be shipped with the three bolts, washers, eye rings and coupler nuts not installed. Please review the assembly instructions below.

NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W

I hope you get many years of use and enjoyment out of your Mad Dog Coils product.

73' Marty VK4KC the Mad Dog

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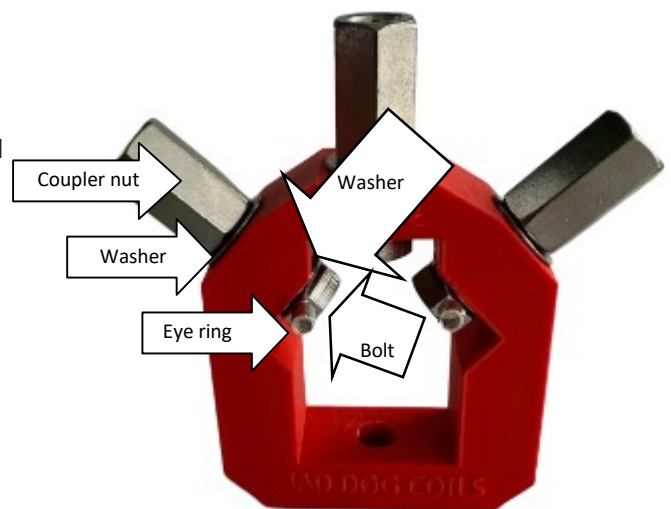
### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.

2. Slide a 1.5 inch bolt through the a provided eye terminal then add washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.

3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.





## Mad Dog Coils Blue Heeler – User Guide

The Blue Heeler is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Blue Heeler at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Blue Heeler is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings that are connected to a SO-239 and BNC sockets.

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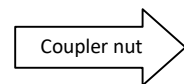
NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W



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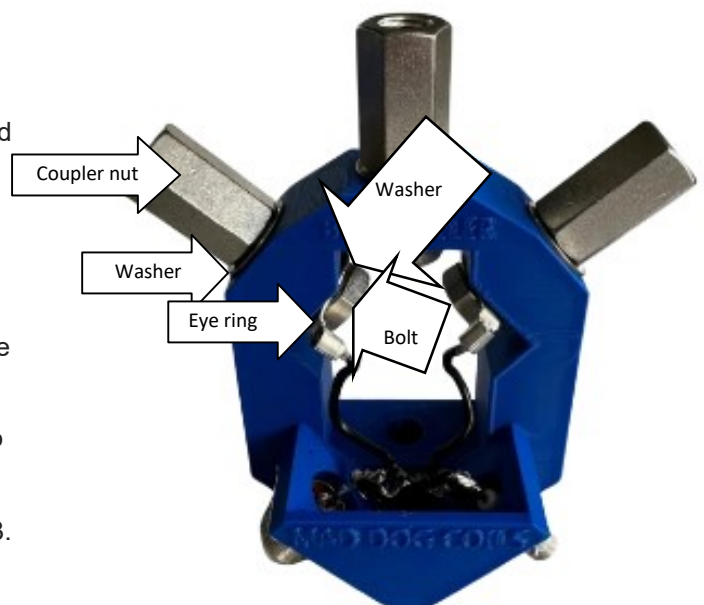
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### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.
2. Slide a 1.5 inch bolt through the eye terminal hole and then add a provided washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.
3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Kelpie – User Guide

The Kelpie is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Kelpie at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Kelpie is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings.

To assist with packaging the product maybe be shipped with the three bolts, washers, eye rings and coupler nuts not installed. Please review the assembly instructions below.

NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W

I hope you get many years of use and enjoyment out of your Mad Dog Coils product.

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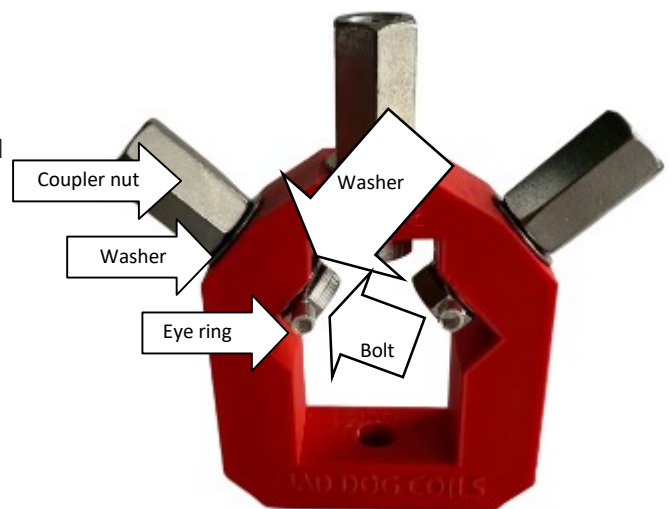
### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.

2. Slide a 1.5 inch bolt through the a provided eye terminal then add washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.

3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Blue Heeler – User Guide

The Blue Heeler is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Blue Heeler at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Blue Heeler is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings that are connected to a SO-239 and BNC sockets.

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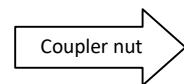
NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W



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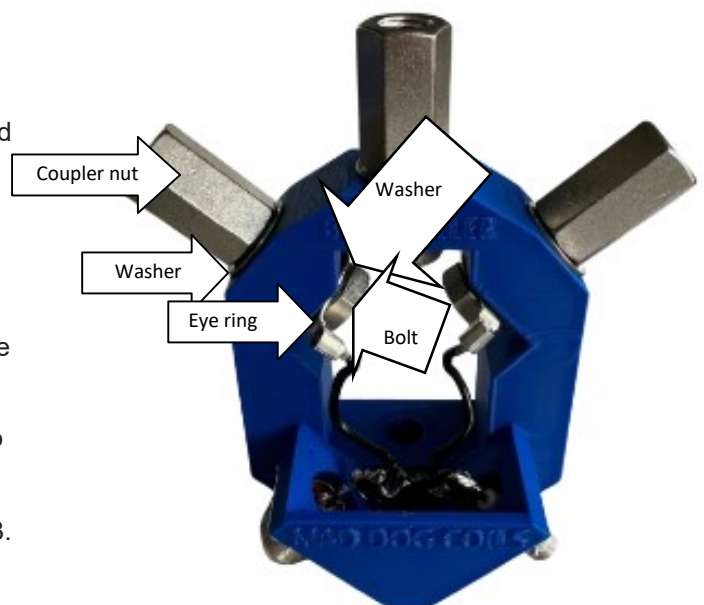
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### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.
2. Slide a 1.5 inch bolt through the eye terminal hole and then add a provided washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.
3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Kelpie – User Guide

The Kelpie is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Kelpie at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Kelpie is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings.

To assist with packaging the product maybe be shipped with the three bolts, washers, eye rings and coupler nuts not installed. Please review the assembly instructions below.

NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W

I hope you get many years of use and enjoyment out of your Mad Dog Coils product.

73' Marty VK4KC the Mad Dog

### \* Disclaimer \*

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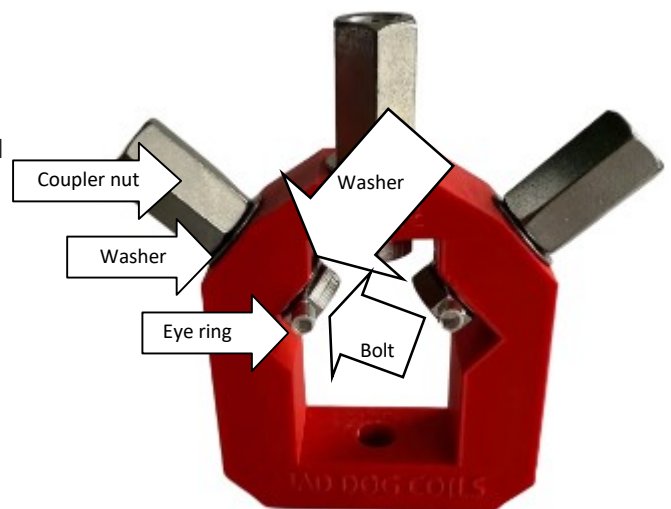
### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.

2. Slide a 1.5 inch bolt through the a provided eye terminal then add washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.

3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Blue Heeler – User Guide

The Blue Heeler is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Blue Heeler at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Blue Heeler is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings that are connected to a SO-239 and BNC sockets.

To assist with packaging the product maybe be shipped with the three bolts, washers, eye rings and coupler nuts not installed. The SO-239 and BNC sockets are installed. Please review the assembly instructions below.

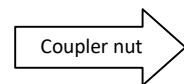
NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W



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73' Marty VK4KC the Mad Dog

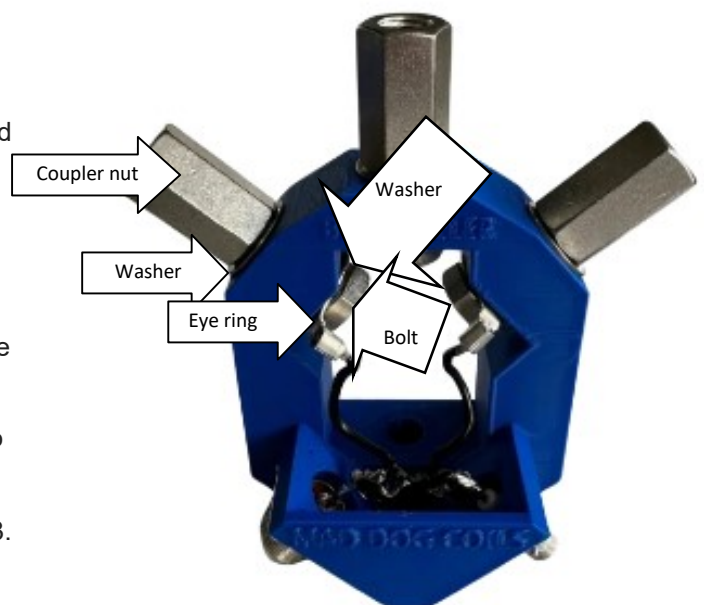
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### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.
2. Slide a 1.5 inch bolt through the eye terminal hole and then add a provided washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.
3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Kelpie – User Guide

The Kelpie is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Kelpie at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Kelpie is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings.

To assist with packaging the product maybe be shipped with the three bolts, washers, eye rings and coupler nuts not installed. Please review the assembly instructions below.

NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W

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73' Marty VK4KC the Mad Dog

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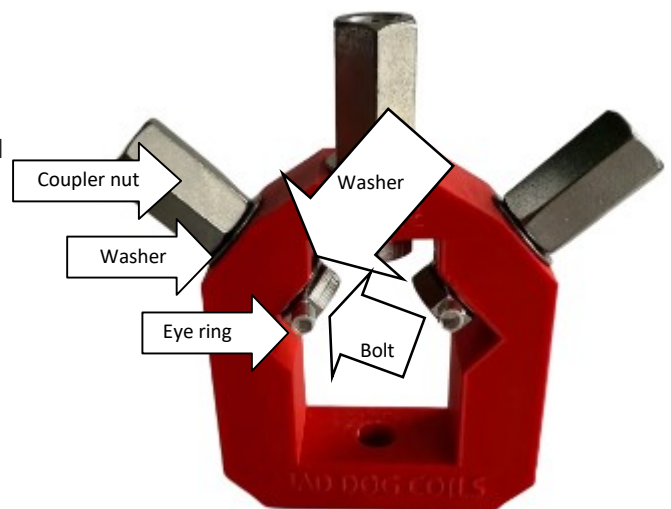
### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.

2. Slide a 1.5 inch bolt through the a provided eye terminal then add washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.

3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Blue Heeler – User Guide

The Blue Heeler is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Blue Heeler at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Blue Heeler is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings that are connected to a SO-239 and BNC sockets.

To assist with packaging the product maybe be shipped with the three bolts, washers, eye rings and coupler nuts not installed. The SO-239 and BNC sockets are installed. Please review the assembly instructions below.

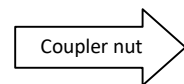
NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W



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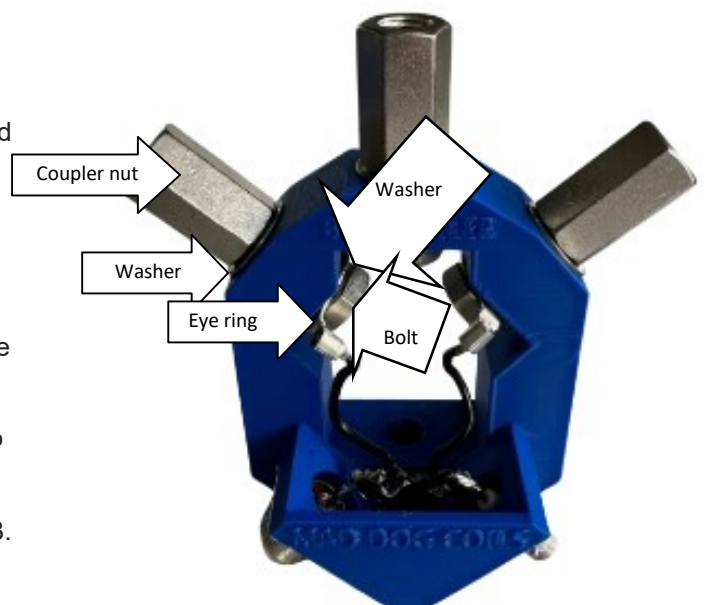
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### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.
2. Slide a 1.5 inch bolt through the eye terminal hole and then add a provided washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.
3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Kelpie – User Guide

The Kelpie is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Kelpie at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Kelpie is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings.

To assist with packaging the product maybe be shipped with the three bolts, washers, eye rings and coupler nuts not installed. Please review the assembly instructions below.

NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W

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73' Marty VK4KC the Mad Dog

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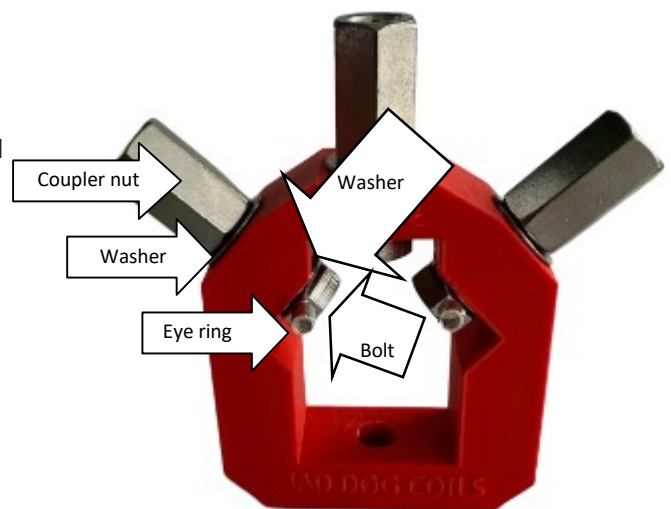
### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.

2. Slide a 1.5 inch bolt through the a provided eye terminal then add washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.

3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.





## Mad Dog Coils Blue Heeler – User Guide

The Blue Heeler is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Blue Heeler at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Blue Heeler is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings that are connected to a SO-239 and BNC sockets.

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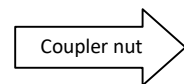
NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W



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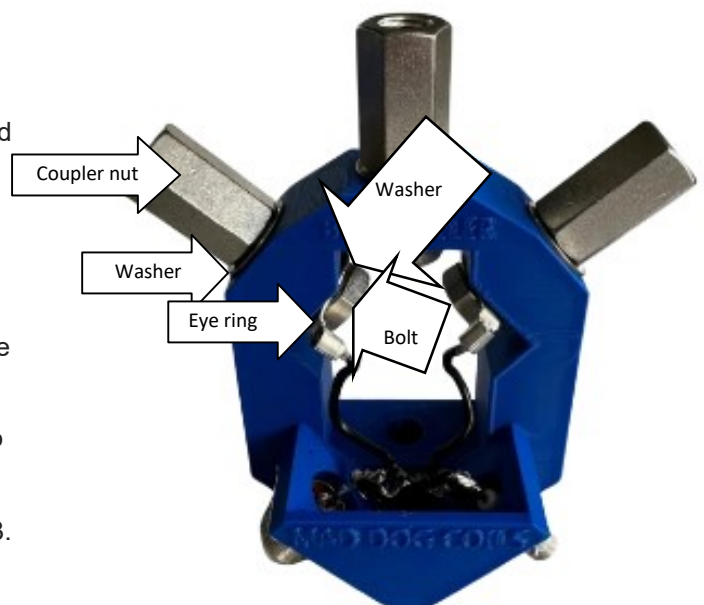
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### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.
2. Slide a 1.5 inch bolt through the eye terminal hole and then add a provided washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.
3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Kelpie – User Guide

The Kelpie is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Kelpie at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Kelpie is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings.

To assist with packaging the product maybe be shipped with the three bolts, washers, eye rings and coupler nuts not installed. Please review the assembly instructions below.

NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W

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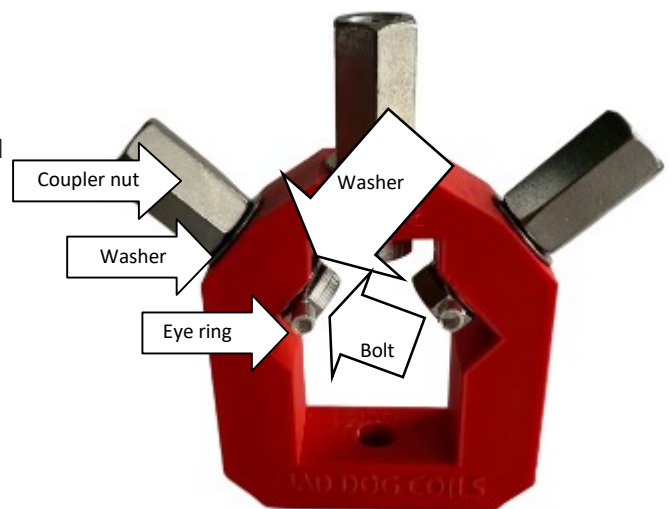
### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.

2. Slide a 1.5 inch bolt through the a provided eye terminal then add washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.

3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Blue Heeler – User Guide

The Blue Heeler is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Blue Heeler at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Blue Heeler is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings that are connected to a SO-239 and BNC sockets.

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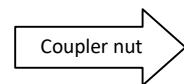
NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W



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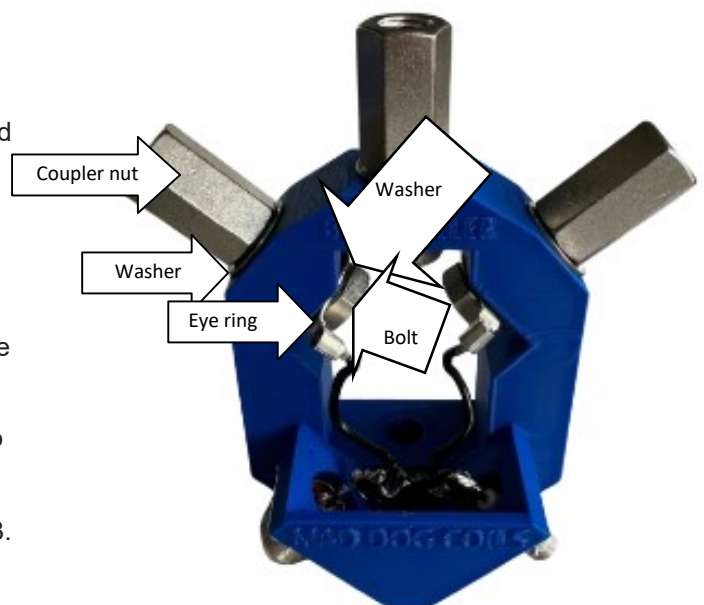
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### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.
2. Slide a 1.5 inch bolt through the eye terminal hole and then add a provided washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.
3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Kelpie – User Guide

The Kelpie is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Kelpie at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Kelpie is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings.

To assist with packaging the product maybe be shipped with the three bolts, washers, eye rings and coupler nuts not installed. Please review the assembly instructions below.

NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W

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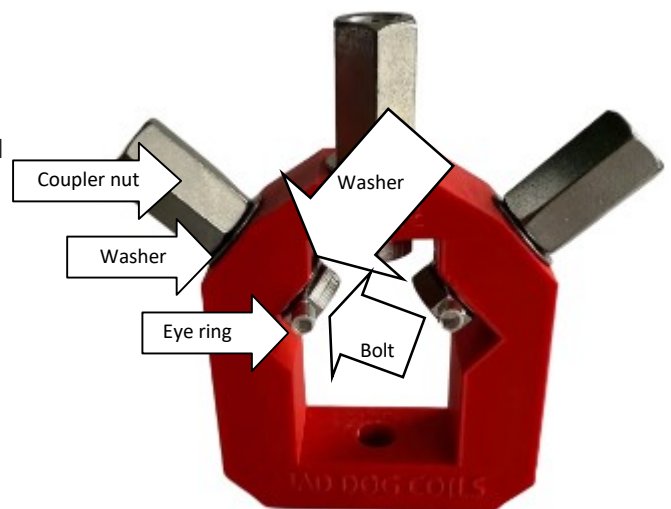
### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.

2. Slide a 1.5 inch bolt through the a provided eye terminal then add washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.

3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Blue Heeler – User Guide

The Blue Heeler is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Blue Heeler at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Blue Heeler is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings that are connected to a SO-239 and BNC sockets.

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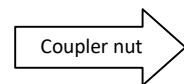
NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W



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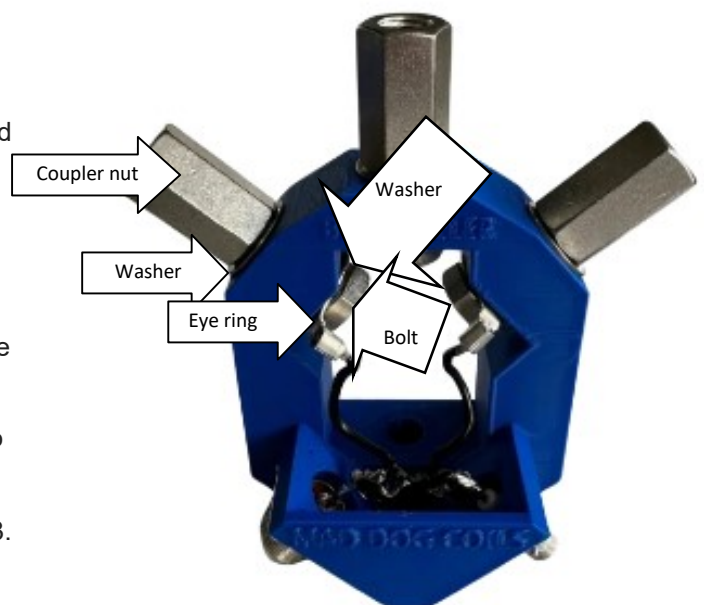
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### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.
2. Slide a 1.5 inch bolt through the eye terminal hole and then add a provided washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.
3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Kelpie – User Guide

The Kelpie is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Kelpie at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Kelpie is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings.

To assist with packaging the product maybe be shipped with the three bolts, washers, eye rings and coupler nuts not installed. Please review the assembly instructions below.

NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W

I hope you get many years of use and enjoyment out of your Mad Dog Coils product.

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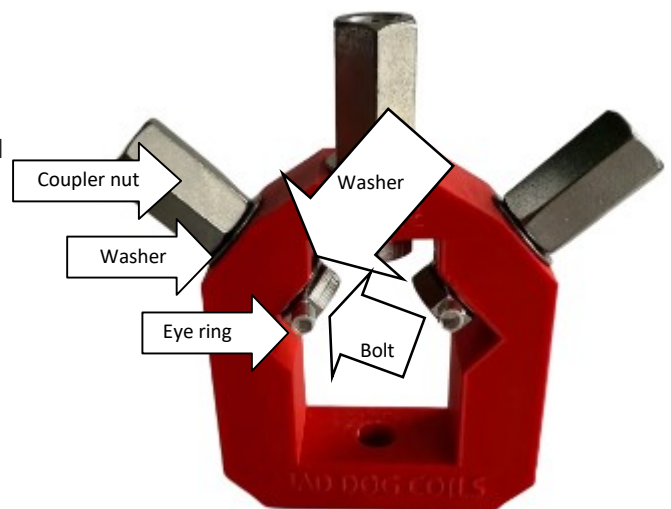
### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.

2. Slide a 1.5 inch bolt through the a provided eye terminal then add washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.

3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Blue Heeler – User Guide

The Blue Heeler is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Blue Heeler at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Blue Heeler is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings that are connected to a SO-239 and BNC sockets.

To assist with packaging the product maybe be shipped with the three bolts, washers, eye rings and coupler nuts not installed. The SO-239 and BNC sockets are installed. Please review the assembly instructions below.

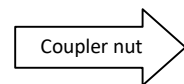
NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W



I hope you get many years of use and enjoyment out of your Mad Dog Coils product.

73' Marty VK4KC the Mad Dog

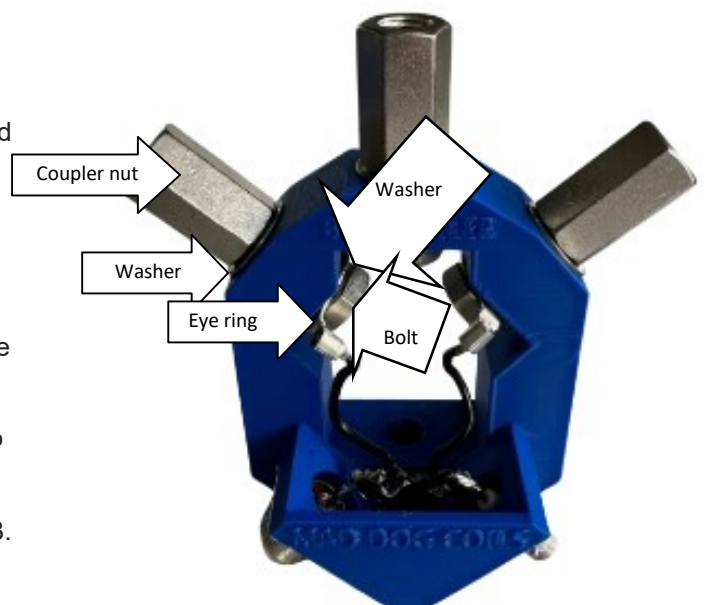
### \* Disclaimer \*

It should be noted that the Mad Dog Coils Blue Heeler should only be used in accordance to our specifications and within our stipulated intended use. All details of intended use are detailed in the documentation that is shipped with the product. We accept no liabilities for such uses outside of our intended use and stipulations.

### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.
2. Slide a 1.5 inch bolt through the eye terminal hole and then add a provided washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.
3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Kelpie – User Guide

The Kelpie is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Kelpie at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Kelpie is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings.

To assist with packaging the product maybe be shipped with the three bolts, washers, eye rings and coupler nuts not installed. Please review the assembly instructions below.

NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W

I hope you get many years of use and enjoyment out of your Mad Dog Coils product.

73' Marty VK4KC the Mad Dog

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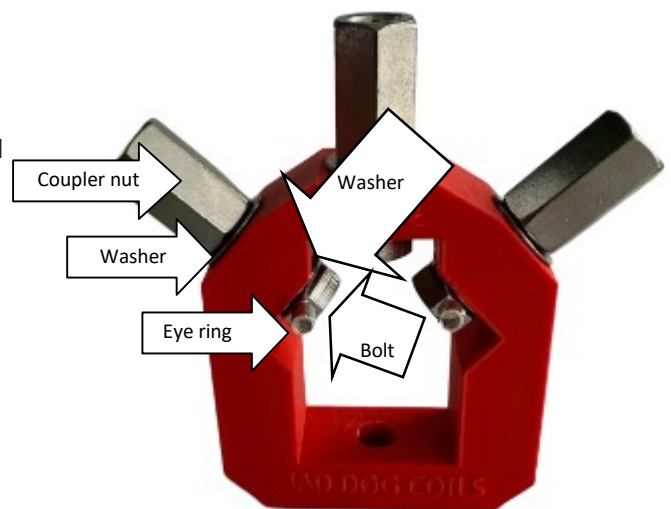
### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.

2. Slide a 1.5 inch bolt through the a provided eye terminal then add washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.

3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.





## Mad Dog Coils Blue Heeler – User Guide

The Blue Heeler is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Blue Heeler at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Blue Heeler is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings that are connected to a SO-239 and BNC sockets.

To assist with packaging the product maybe be shipped with the three bolts, washers, eye rings and coupler nuts not installed. The SO-239 and BNC sockets are installed. Please review the assembly instructions below.

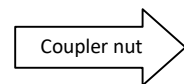
NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W



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73' Marty VK4KC the Mad Dog

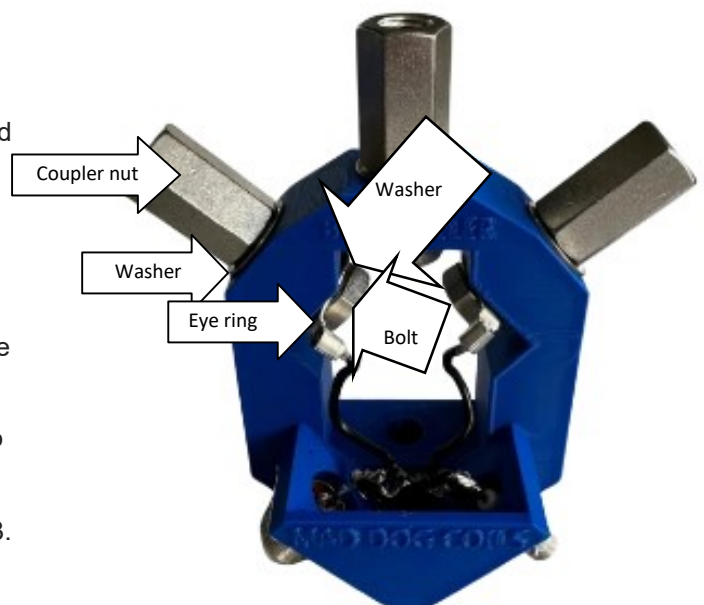
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### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.
2. Slide a 1.5 inch bolt through the eye terminal hole and then add a provided washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.
3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Kelpie – User Guide

The Kelpie is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Kelpie at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Kelpie is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings.

To assist with packaging the product maybe be shipped with the three bolts, washers, eye rings and coupler nuts not installed. Please review the assembly instructions below.

NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W

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73' Marty VK4KC the Mad Dog

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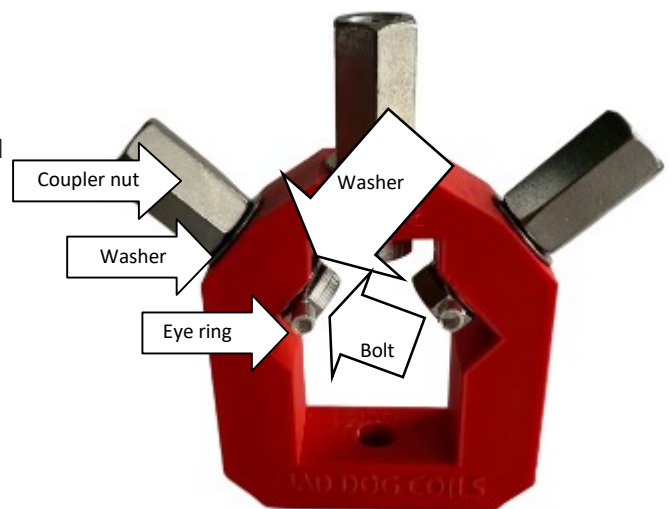
### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.

2. Slide a 1.5 inch bolt through the a provided eye terminal then add washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.

3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Blue Heeler – User Guide

The Blue Heeler is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Blue Heeler at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Blue Heeler is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings that are connected to a SO-239 and BNC sockets.

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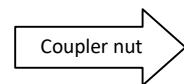
NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W



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73' Marty VK4KC the Mad Dog

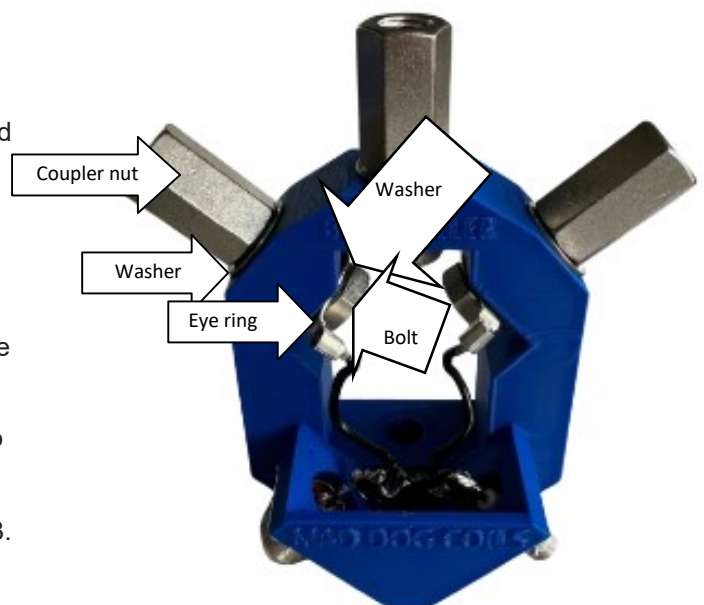
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### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.
2. Slide a 1.5 inch bolt through the eye terminal hole and then add a provided washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.
3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Kelpie – User Guide

The Kelpie is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Kelpie at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Kelpie is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings.

To assist with packaging the product maybe be shipped with the three bolts, washers, eye rings and coupler nuts not installed. Please review the assembly instructions below.

NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W

I hope you get many years of use and enjoyment out of your Mad Dog Coils product.

73' Marty VK4KC the Mad Dog

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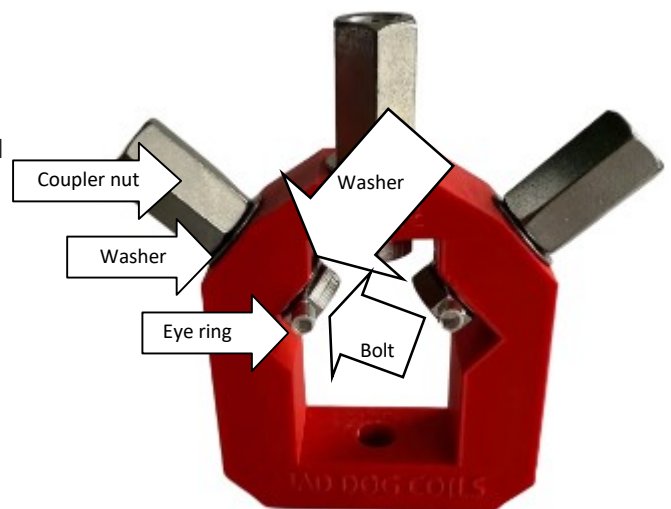
### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.

2. Slide a 1.5 inch bolt through the a provided eye terminal then add washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.

3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Blue Heeler – User Guide

The Blue Heeler is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Blue Heeler at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Blue Heeler is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings that are connected to a SO-239 and BNC sockets.

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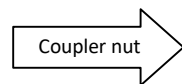
NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W



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73' Marty VK4KC the Mad Dog

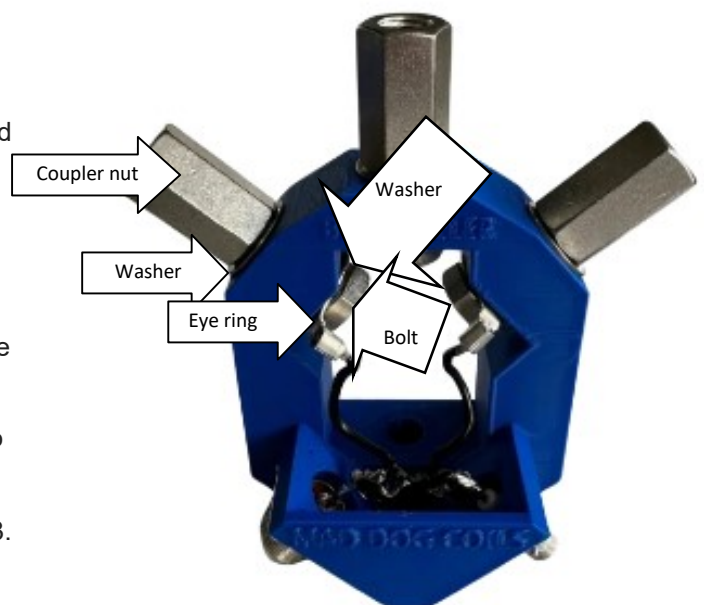
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### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.
2. Slide a 1.5 inch bolt through the eye terminal hole and then add a provided washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.
3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Kelpie – User Guide

The Kelpie is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Kelpie at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Kelpie is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings.

To assist with packaging the product maybe be shipped with the three bolts, washers, eye rings and coupler nuts not installed. Please review the assembly instructions below.

NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W

I hope you get many years of use and enjoyment out of your Mad Dog Coils product.

73' Marty VK4KC the Mad Dog

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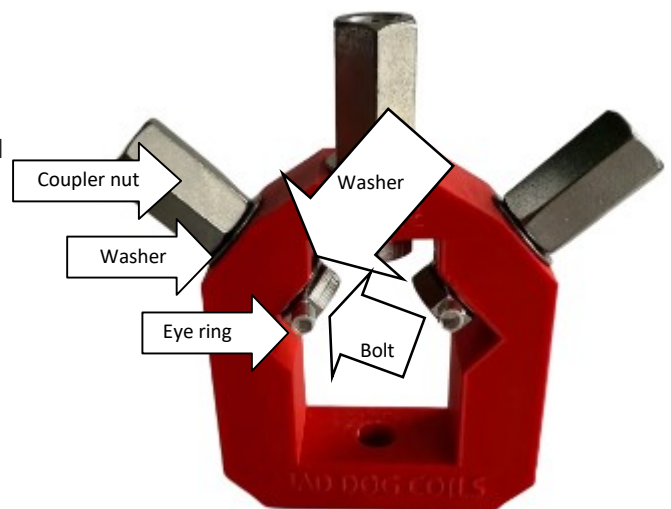
### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.

2. Slide a 1.5 inch bolt through the a provided eye terminal then add washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.

3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Blue Heeler – User Guide

The Blue Heeler is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Blue Heeler at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Blue Heeler is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings that are connected to a SO-239 and BNC sockets.

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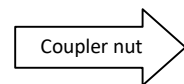
NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W



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73' Marty VK4KC the Mad Dog

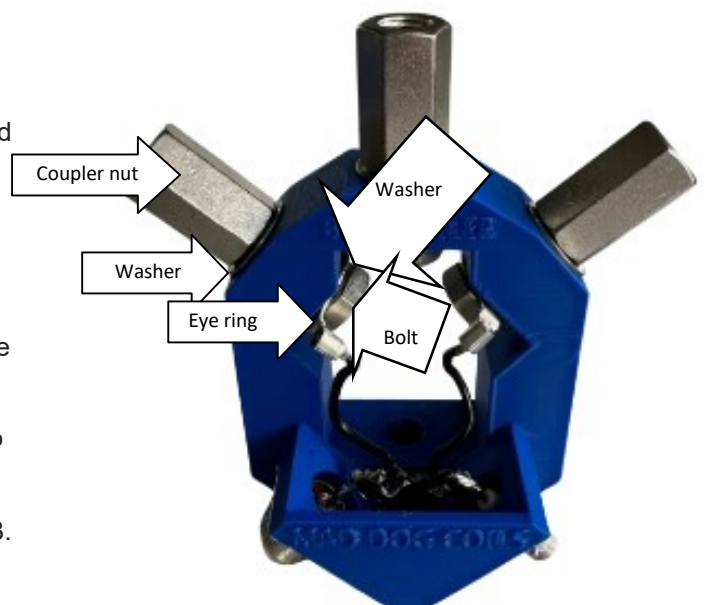
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### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.
2. Slide a 1.5 inch bolt through the eye terminal hole and then add a provided washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.
3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Kelpie – User Guide

The Kelpie is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Kelpie at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Kelpie is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings.

To assist with packaging the product maybe be shipped with the three bolts, washers, eye rings and coupler nuts not installed. Please review the assembly instructions below.

NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W

I hope you get many years of use and enjoyment out of your Mad Dog Coils product.

73' Marty VK4KC the Mad Dog

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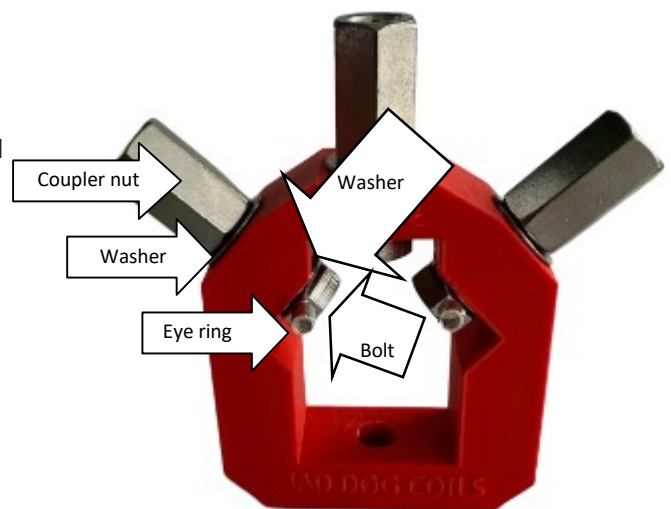
### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.

2. Slide a 1.5 inch bolt through the a provided eye terminal then add washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.

3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.





## Mad Dog Coils Blue Heeler – User Guide

The Blue Heeler is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Blue Heeler at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Blue Heeler is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings that are connected to a SO-239 and BNC sockets.

To assist with packaging the product maybe be shipped with the three bolts, washers, eye rings and coupler nuts not installed. The SO-239 and BNC sockets are installed. Please review the assembly instructions below.

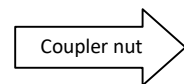
NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W



I hope you get many years of use and enjoyment out of your Mad Dog Coils product.

73' Marty VK4KC the Mad Dog

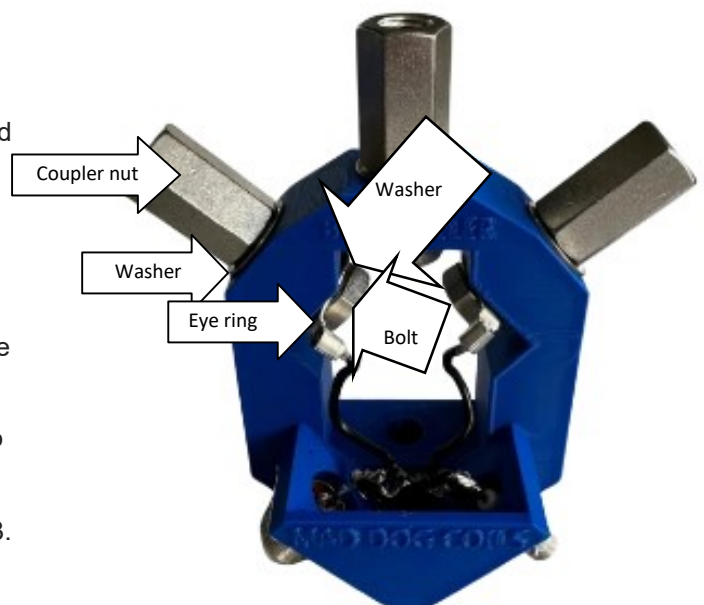
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### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.
2. Slide a 1.5 inch bolt through the eye terminal hole and then add a provided washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.
3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Kelpie – User Guide

The Kelpie is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Kelpie at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Kelpie is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings.

To assist with packaging the product maybe be shipped with the three bolts, washers, eye rings and coupler nuts not installed. Please review the assembly instructions below.

NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W

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73' Marty VK4KC the Mad Dog

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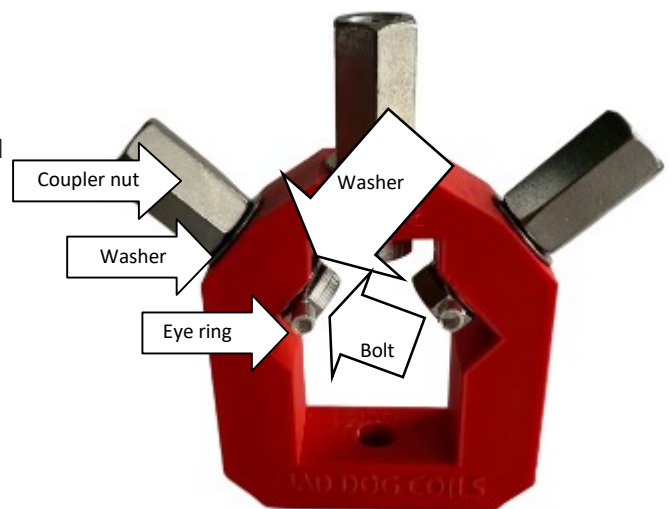
### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.

2. Slide a 1.5 inch bolt through the a provided eye terminal then add washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.

3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Blue Heeler – User Guide

The Blue Heeler is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Blue Heeler at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Blue Heeler is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings that are connected to a SO-239 and BNC sockets.

To assist with packaging the product maybe be shipped with the three bolts, washers, eye rings and coupler nuts not installed. The SO-239 and BNC sockets are installed. Please review the assembly instructions below.

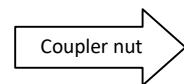
NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W



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73' Marty VK4KC the Mad Dog

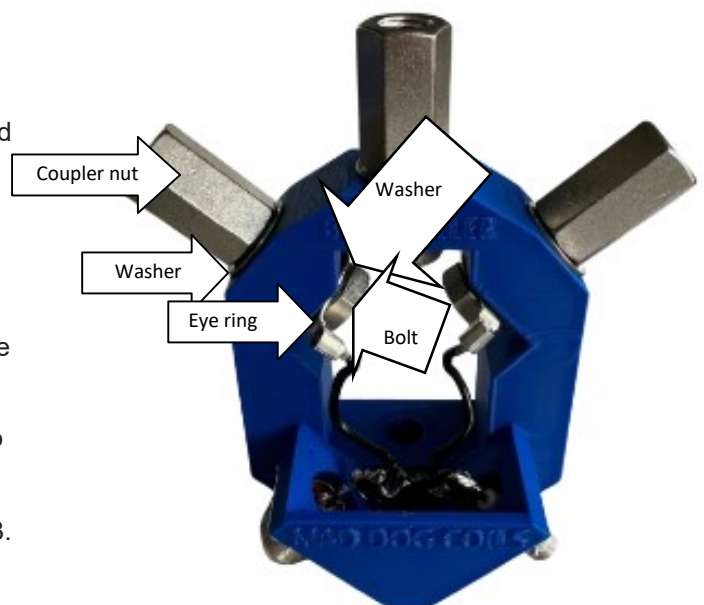
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### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.
2. Slide a 1.5 inch bolt through the eye terminal hole and then add a provided washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.
3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Kelpie – User Guide

The Kelpie is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Kelpie at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Kelpie is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings.

To assist with packaging the product maybe be shipped with the three bolts, washers, eye rings and coupler nuts not installed. Please review the assembly instructions below.

NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W

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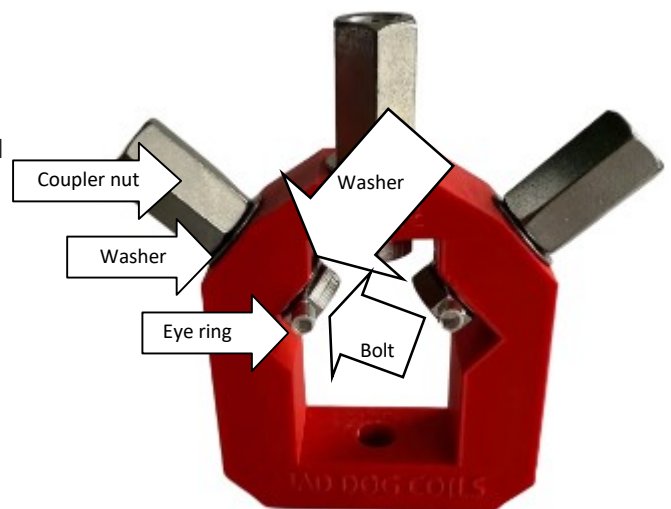
### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.

2. Slide a 1.5 inch bolt through the a provided eye terminal then add washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.

3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Blue Heeler – User Guide

The Blue Heeler is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Blue Heeler at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Blue Heeler is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings that are connected to a SO-239 and BNC sockets.

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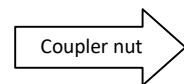
NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W



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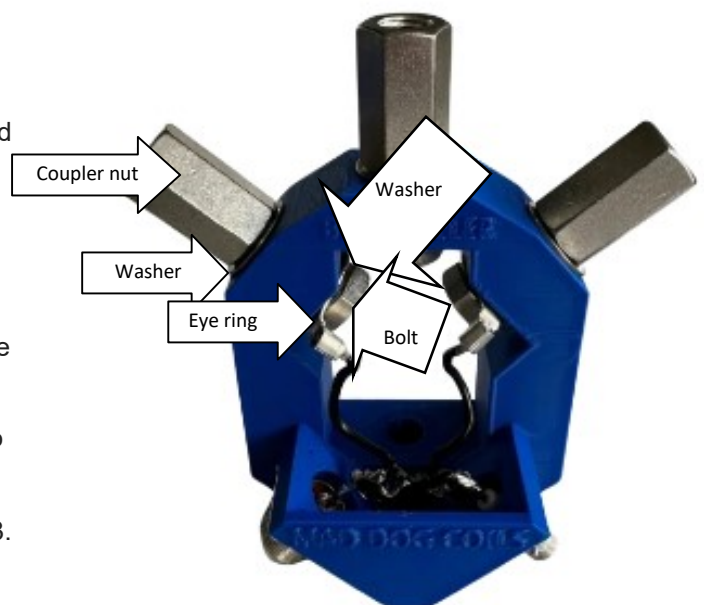
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### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.
2. Slide a 1.5 inch bolt through the eye terminal hole and then add a provided washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.
3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Kelpie – User Guide

The Kelpie is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Kelpie at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Kelpie is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

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To assist with packaging the product maybe be shipped with the three bolts, washers, eye rings and coupler nuts not installed. Please review the assembly instructions below.

NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W

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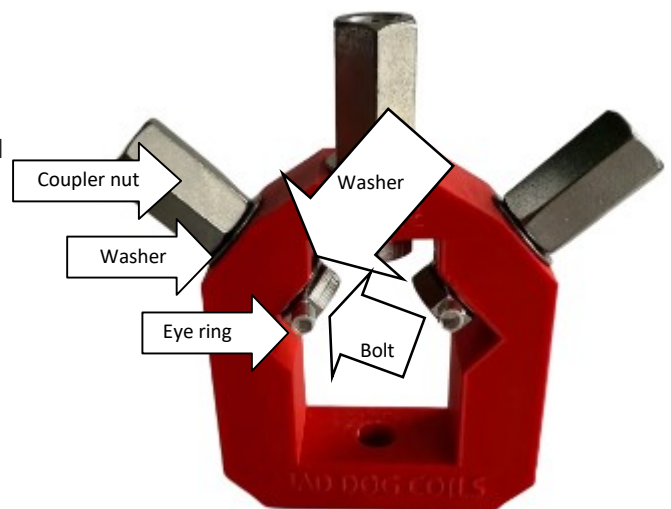
### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.

2. Slide a 1.5 inch bolt through the a provided eye terminal then add washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.

3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Blue Heeler – User Guide

The Blue Heeler is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Blue Heeler at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Blue Heeler is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

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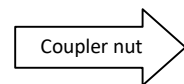
NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W



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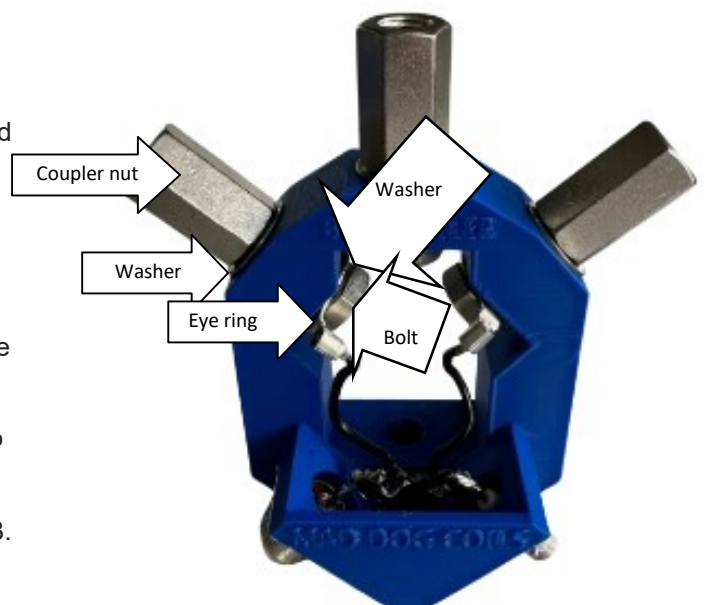
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### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.
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3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.



## Mad Dog Coils Kelpie – User Guide

The Kelpie is a 3-D printed attachment base for those wanting to use two Mad Dog coils with antenna whips in a V-dipole configuration. The dipole holes are at 90 degrees to each other. For convenience a centre hole with hardware is provided for vertical mounting of a Mad Dog Coil.

It is designed to be tripod mounted ideally with the Kelpie at least 5 feet off the ground. It could also be mounted on top of a magnet base and placed on a stationary vehicle.

The Kelpie is strong with 3.5mm thick external walls and 3.5mm solid sections around each hole. The holes are 10mm diameter so 10mm and 3/8 bolts fit snug. A small plastic infill is provided which can be placed in the lower hole to suit a 1/4 inch bolt.

The Blue Heeler Metric (10mm) or Imperial (3/8-24) are shipped with three bolts, six washers, three coupler nuts and two eye rings.

To assist with packaging the product maybe be shipped with the three bolts, washers, eye rings and coupler nuts not installed. Please review the assembly instructions below.

NOTE: If you ordered the standard Blue Heeler or Kelpie these do not come with any hardware. When you add your own hardware please follow the bolt tensioning instructions in the assembly instructions below.

### Power Rating (Based on the recommended max power of a BNC socket)

SSB: 100 W

CW: 75 W

AM/FM/Digital: 50 W

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### Assembly (If required)

1. Place a provided washer on the 1 inch bolt and slide up through the upper centre hole then place on another supplied washer and coupler nut. Do up finger tight.

2. Slide a 1.5 inch bolt through the a provided eye terminal then add washer and slide up through the angled upper hole, then place on another supplied washer and coupler nut. Do up finger tight. Repeat this process for the other side.

3. Bolts need to be tightened to around half a turn past finger tight. Do not over tighten, or go past one complete turn past finger tight strength.

Note: The lower 10mm (3/8 inch) hole is for mounting to a tripod, magnet base or other mount. A plastic infill (plus a spare) have been provided to reduce the hole size to quarter inch. Follow the tightening rule in point 3.

