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Sherpa Winch Installation Guide



Introduction:

Sherpa winches are high quality, CE Certified winches made to ISO 9001 standards. The following installation is for a 12,000Lb Sherpa Steel Cable Winch and was performed on a Toyota Landcruiser utility, 2001 Model with factory fitted bullbar. Sherpa winches will fit the majority of winch bullbars such as ARB, TJM, Toyota etc, with little or no modification. Sherpa can also supply a universal winch plate to assist in installing Sherpa winches when bolt patterns do not match your bull bar. To determine which winch will fit your vehicle please see the bolt and size guide at the end of this document or on our website.

Please note: This document acts only as a guide for installing a Sherpa Winch. While the steps are generally the same for all makes and models there can be differences in some steps and the mounting position of the winch. In this case the winch is mounted on it's side with the main winch mounting bolts in the horizontal plane.

Other common installations include the main winch mounting bolts in the vertical plane (shear force during winching).

Step 1: Preparing the bull bar

- Remove the fairlead or hawse plate cover at the front of the bullbar. On this model bullbar it could be tapped out with a hammer (See Image 2).
- Remove the covering plate on the bullbar to clear the space where the winch will sit (See Image 3).



Image 2



Image 3

Step 2:

- Lower the winch into place (See Image 4). In this case the winch is mounted sideways with the bolt holes pointing towards the front of the bullbar. The winch should be mounted with the wire spooling in the underhand position.



Image 4

Step 3:

- Bolt the winch and roller fairlead to the bullbar (See Image 5). In this case the roller fairlead is mounted using the bottom two winch mounting bolts. To install the synthetic rope version the winch hawse would be bolted in the same fashion as the roller fairlead.



Image 5

Step 4:

- Relocated the guide pin. This needs to be moved as the winch was mounted on its side and allows the control box to be mounted on top of the winch (See Image 6 & 7).

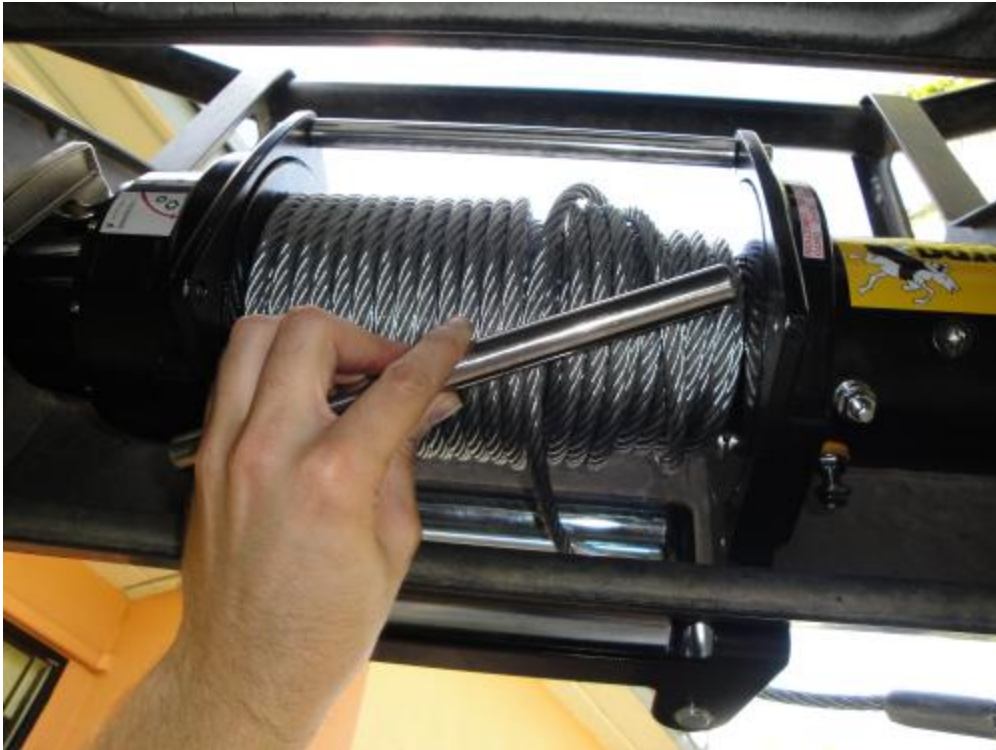


Image 6



Image 7

Step 5: Mounting the control box

- The control box can be mounted in any convenient location as long as the wiring reaches the winch and battery. It should be mounted to reduce the change of damage.
- Attach the brackets provided to the base of the control box (See Image 8).
- Loop the brackets over the guide pin and tighten the screws in place (See Image 9).



Image 8

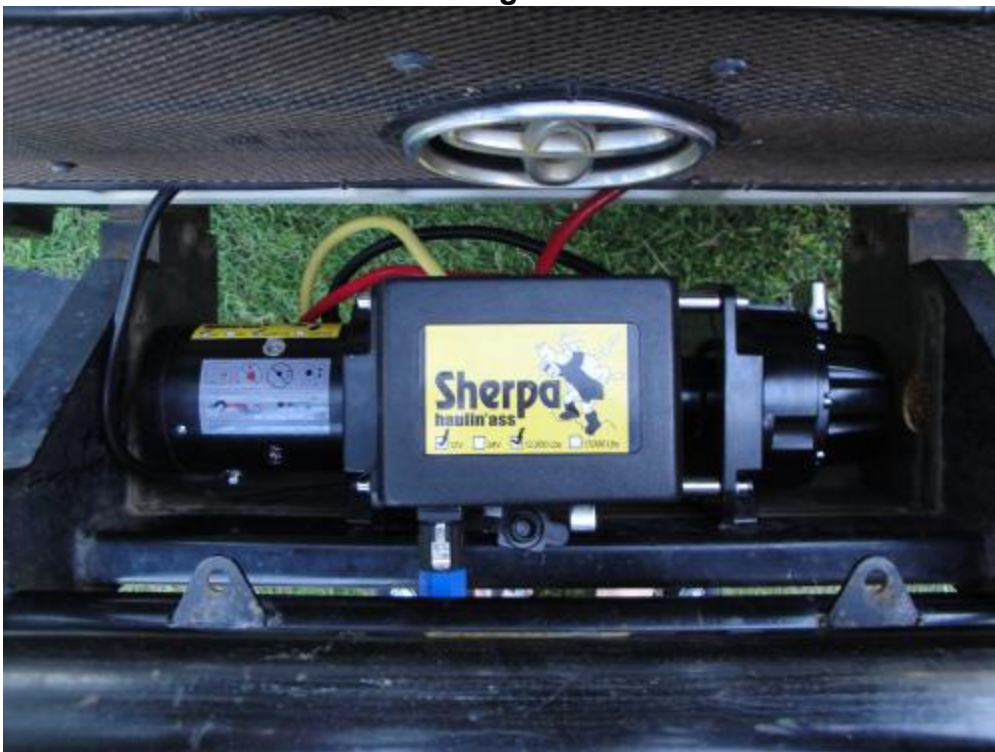


Image 9

Step 6: Wiring

- Wire the control box to the battery and winch as per the wiring diagram provided with the winch. The wires are colour coded making this simple.
- Ensure all wiring is clear of moving parts. Zip tie any excess inside the engine bay.
- Make sure all terminal boots are properly covering the terminals.

Step 7:

- Feed the wire or rope through the fairlead/hawse and attach the hook provided. When not in operation ensure the hook is securely mounted and that no excess cable or rope is left hanging from the vehicle.

Step 8: Operation

- For operating instructions please see the manual provided with your Sherpa winch. 12,000Lb models are supplied with a hand remote, which connects to the control box, and a wireless remote. For 17,000Lb models only a hand remote is provided.



Image 10

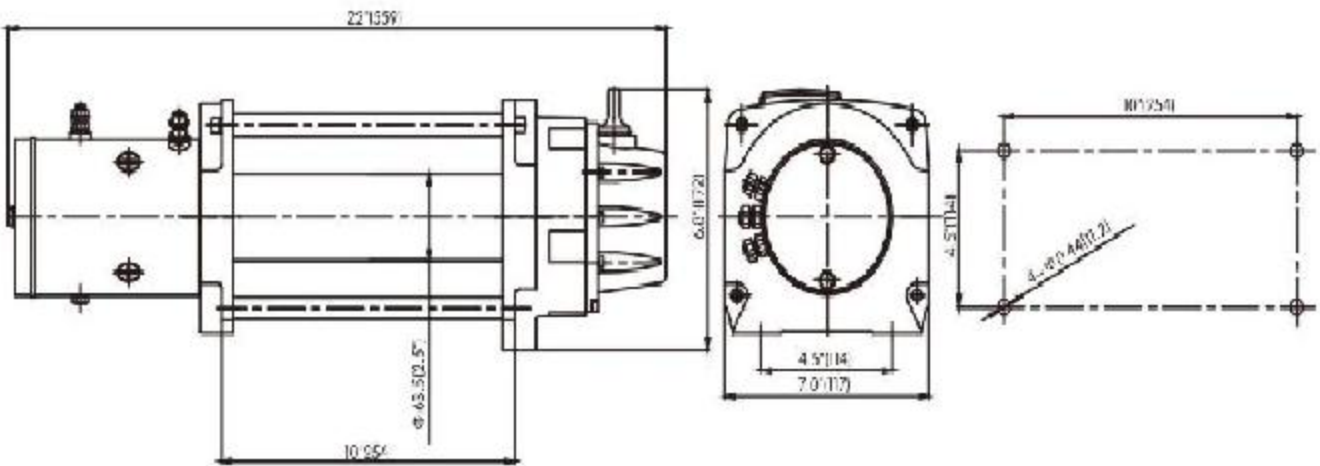


Image 11

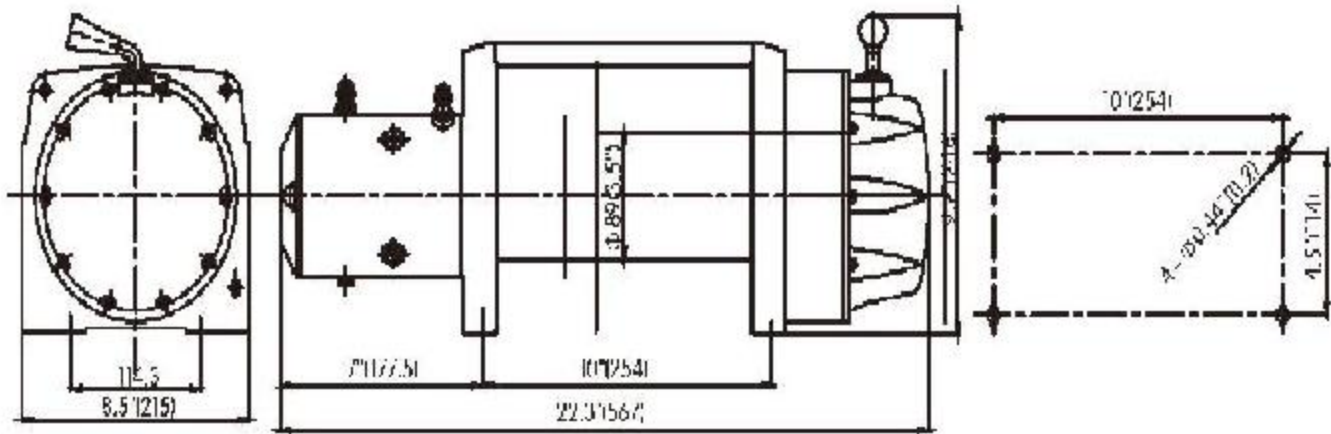
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Scintex Winch Dimensions and Bolt Patterns

12,000Lb Sherpa Winch (Synthetic rope or Steel cable) Bolt Pattern 254mm x 114mm (4x 11mm Bolts)



17,000Lb Sherpa Winch (Synthetic rope or Steel cable) Bolt Pattern 254mm x 114mm (4x 11mm Bolts)



| **Warranty:**

Please see the Sherpa Product Warranty available on our website.

Purchasing a Sherpa Winch or Sherpa 4x4 Accessory

Sherpa Products are available online and in store through Scintex – Automotive, Industrial & Mining Supplies as well as our dealer network.



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