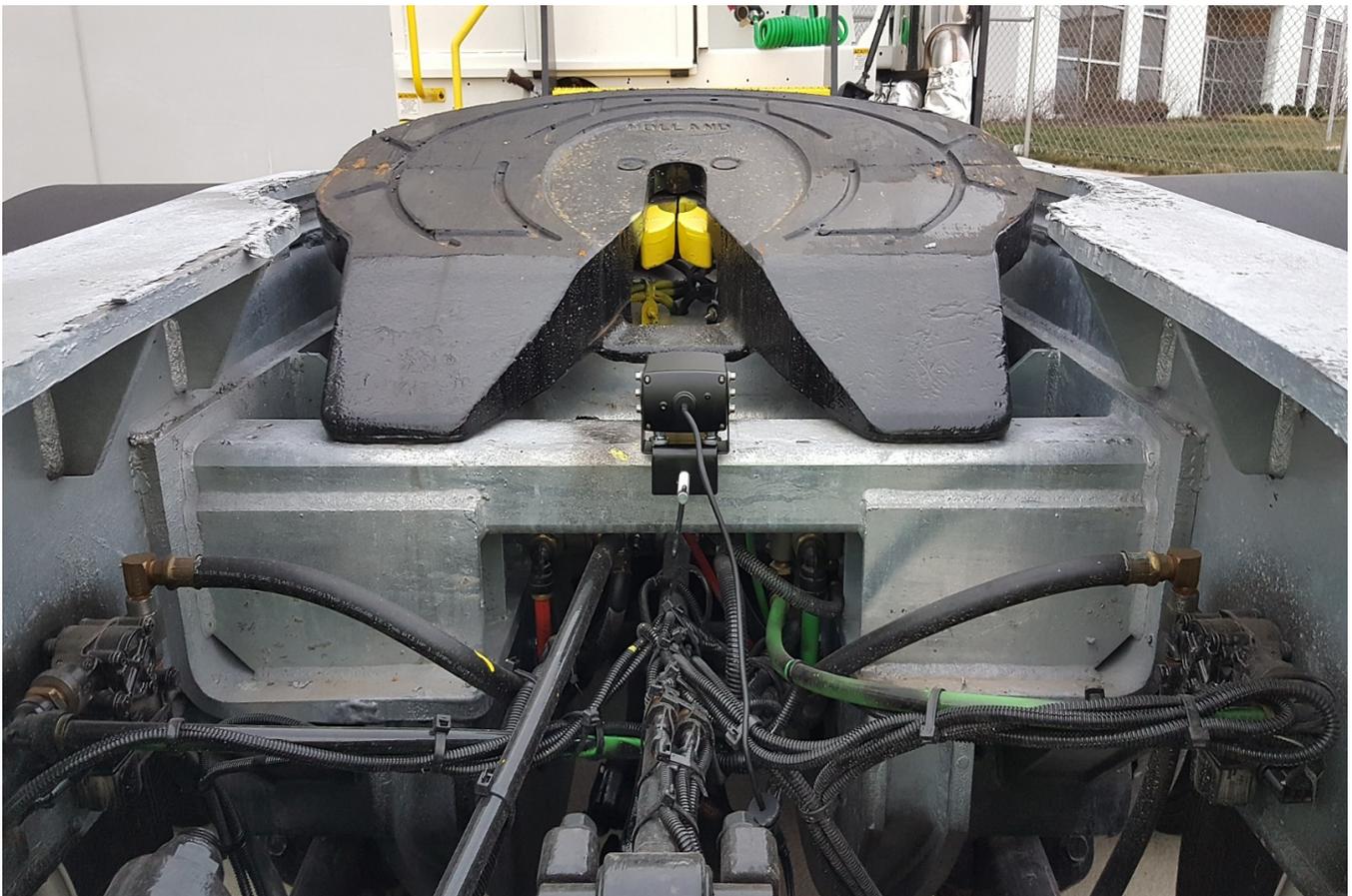


“CS1” Spotter 5th wheel Camera System Camera bracket instructions

Compliments of Charles Strickland



AMERICAN BUS VIDEO Inc.

Tel: (770) 263-8118

sales@AmericanBusVideo.com

<http://www.americanbusvideo.com/>

<http://www.vehiclevideocameras.com/>

<http://www.fleetdriverriskmanagement.com/>

Note; ABV does not supply mounts or custom camera brackets for this system application.

We supply the hardware but the custom brackets are supplied or made by the end-user or customer as there are many different 5th wheel configurations and vehicle adaptations.



Parts List / Tool List

From American Bus Video Inc.

Qty 1 "CS1" Spotter Mobile RV DVR system with 4 cameras; 1-Heavy Duty rear vision Camera, 2-ExCAM exterior side view cameras, 1-PD camera with IR LEDs disabled for Road view.

From Grainger

Qty 1 Item # 3APK5 Waldman Table Clamp

Qty 1 Item # 49M032 95 Lbs. Cup Magnet

General items from parts room or local hardware store

Qty 3 1/4x20 3/4" bolts

Qty 3 1/4x20 nuts (Nylon lock nuts work best)

Qty 6 1/4 flat washers

Tools list

Drill (Drill press if available)

1/8" and 1/4" drill bits

2- 7/16" box end wrenches

Lock clamp in vise OR use the clamp to hold itself on a hard surface.

Step 1

- Drill 1 ¼" hole on the top end of the clamp to mount your magnet to the clamp.



Step 2

- bolt 95lb cone magnet to the bracket through the hole on the top end of the clamp



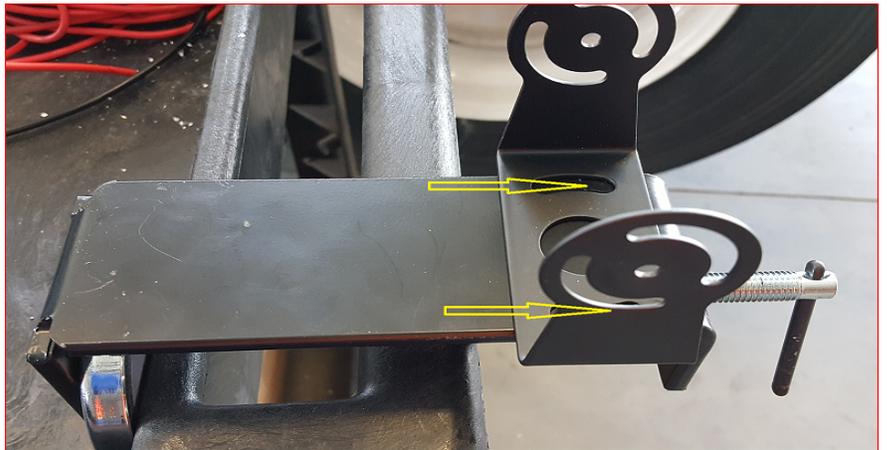
Step 3

- Flip bracket to long side UP and clamp in vise or use brackets clamp to affix to table



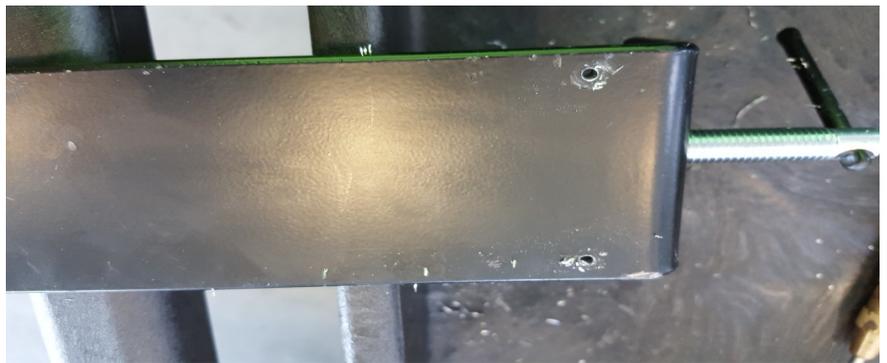
Step 4

- Use the camera mounting bracket to mark pilot hole placement on clamp bracket.



Step 5

- Drill 1/8" pilot holes, then step up to 1/4" holes



Step 6

- Now bolt the camera mounting bracket to the clamp bracket using the remaining 1/4" hardware
- To lower the camera mount the bracket underneath between the clamp screw and the steel plate for maximum clearance



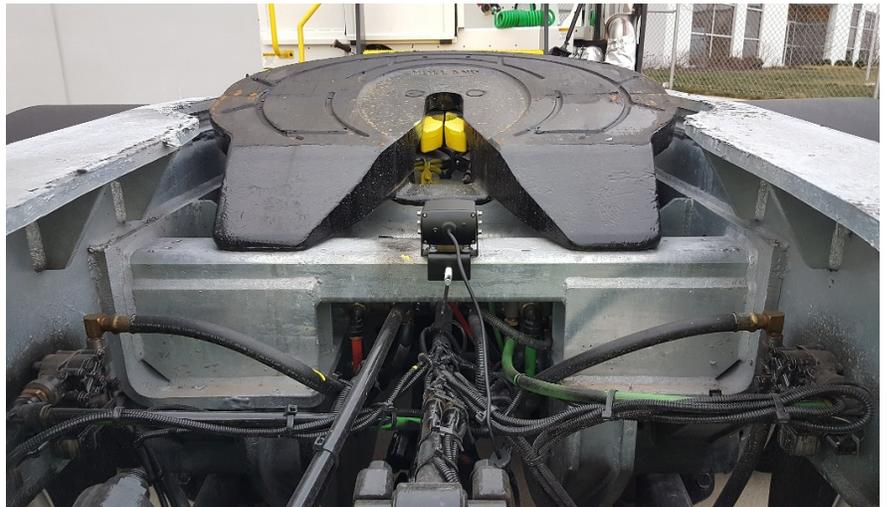
Step 7

- Bolt the camera to its mounting brackets using the supplied Allen screws



Step 8

- Mount camera on the cross member behind the 5th wheel.
- Use Screw handle to tighten the clamp to the frame



Step 9

- Plug in the camera to the DVR system.
- Adjust the cameras viewing angle to achieve maximum visibility



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