

1. Objective and Scope

To describe how to correctly install Saferoads Snaploc Bridge Mounts.

2. Safety:



Working on or beside a roadway is inherently dangerous.

3. Personal protective equipment (PPE)

The following is mandatory PPE.



Boots



Eye Protection



Ear Protection



Hi Viz



Gloves



Protective Clothing

4. Equipment Required

- a) Compressor with Air Nozzle;
- b) Drill with 5/16 Masonry Bit;
- c) Industrial vacuum Cleaner;
- d) Generator;
- e) Epoxy gun (refer SDS);
- f) Mash Hammer; and
- g) Wrench or ratchet with 17mm socket.

5. Qualifications and Competencies

- a) Safe use of hand tools;
- b) Manual handling; and
- c) Road traffic management.

6. Documentation and Setup

- a) Ensure that the selected installer provides a copy of Public Liability Insurance, Workcover, SWMS and plant service records. (No documentation - no job).

- b) Contact Dial before you Dig; if required



- c) Ensure you are at the correct location and set up traffic control is to Australian Standards, or as advised and required by the client.

7. Installation

- a) Identify Location;
- b) There are 2 holes on each Bridge Mount required for the installation, 2 fasteners are supplied as part of the kit;



- c) Place base down to mark location of holes to be drilled using the approach and departure as the locations for the coach bolts;
- d) Drill the 2 holes to a depth of 100mm; and



- e) Using an air compressor blow out the dust and loose material in the holes.



- c) Place the Bridge Mount over the holes and insert the 120mm Coach bolt with flat washer. Using the Ratchet and Socket screw down until firm against the base;
- d) Insert the second Coach bolt and screw down firm against the base. The Chemset will set hard securing the base to the surface;
- e) Using a lubricant spray to moisten the hinge will help for easy insertion into the base mount; and
- f) Ensure you have the post correctly orientated to the approaching traffic;

8. Assembly

- a) Using a caulking gun with the Chemset insert the nozzle into the hole. 3 trigger pulls per hole. Ensure you have a copy of the Chemset SDS. Caution; The Chemset will go off quickly in warm weather, do not do the holes in advance or the fasteners will not be able to be inserted;



- b) Insert the nylon plugs into the holes tapping in with a mash hammer



There may be some Chemset splatter be sure you are wearing all PPE including safety glasses.



- g) Place the post hinge into the centre of the base and by pushing down on the top of post to insert the post into the base down to the level indicators; and
- h) The final step in the installation process is to bend the post both forward and backwards to the ground to pretension the hinge.

9. Finish

- a) The post is ready for incidental impacts and wheel overs within 15 minutes of install.

10. Housekeeping and Final Checks

- a) Safety Checks
 - Housekeeping practices are adhered to and work site is left clean and safe; and
 - Items have been fitted correctly and safely.
- b) Quality Checks
 - Workmanship is to specification;
 - Materials quality is acceptable;
 - Unused materials are removed; and
 - Quality checks have been performed.



- c) Environment Checks
 - Surrounds are restored to prior condition;
and
 - No spillages and / or damage to any soil,
habitat, atmosphere or drainage.

SOP REVISION UPDATES

Rev 1 dated 20/10/2020

- a) New format