

NRAD246T

NEWAY

Rear suspension package

INSTALLATION INSTRUCTIONS

- a) Assemble frame bracket by welding items #1 & #3 together keeping in mind the following:
 - 1) Plate #3 should be positioned under bracket #1 to allow the Aeon spring to rest over center of axle pad.

NOTES:

In some applications the Aeon rubber spring must be installed parallel with axle to avoid interference with shock or brake cam.

- 2) With vehicle unloaded & full air pressure, bracket #1 will be bolted to the frame making sure that the distance from the bottom of plate #3 to the top of plate #6 is 7 inches. Adjust accordingly with the use of spacers. (see Diagram).
- b) Position and weld bottom plate item #6 and gussets item #7 over axle.
- c) Drill holes for frame bracket providing for at least four 1/2" Gr.8 bolts through the bracket & frame. (Bolt frame bracket to frame using existing holes where possible)
- d) Raise vehicle to install remainder of Timbren assembly.
- e) Lower vehicle.

NOTES:

Countersunk bolt #2 will need to be tack welded into place prior to welding items #1 & #3.

If necessary, drill to enlarge holes in frame to 9/16" diameter.

SAFETY CAUTIONS

Always refer to and follow the vehicle manufacturer's guidelines when welding or drilling during installation of this kit.

Do not exceed vehicle manufacturer's recommended axle weight rating. Check for AEON® interference with vehicle components - Under load AEON® will "expand" in diameter.

Ref. = Reference
Part = Part #.
Qty. = Quantity

Ref	Part	Qty
1	K51227-005	2
2	F12106-153	4
3	K52194-005	2
4	A00260-65D60	2
5	F31005-150	4
6	K52031-005	2
7	K53021-005	8



