

12.0 GATE INSTALLATION

To install gate, follow this procedure:

1. Raise gate into position:
 - a. Install 'O' ring bolt through gate frame.



'O' Ring

- b. Lift off assembly bench.



Lifting

- c. Position over frame.



Above Frame

- d. Lower over fan.



Over Fan

FIG 12-1 POSITIONING GATE

2. Position gate in frame:

- a. Place a couple of 2 X 4's between the gate and frame to properly position gate in frame.



2 x 4's

- b. Lower gate and align front mounting brackets.



Front

- c. Align rear brackets.



Rear

FIG 12-2 LOWERING GATE

3. Secure rear mount on gate:
 - a. Use a punch or drift to align mounting holes.



Aligning

- b. Install mounting bolts finger tight.



Installed

FIG 12-3 GATE REAR MOUNT

4. Secure front mount on gate:
 - a. Use a punch or drift to align mounting holes.
 - b. Install mounting bolts.
 - c. Tighten mounting bolts to their specified torque.



Aligning



Tightening



Tightened

FIG 12-4 GATE FRONT MOUNT

5. Tighten rear mounting bolts on gate to their specified torque.



FIG 12-5 REAR BOLTS

6. Release gate:

- a. Use a punch, drift or pry bar to rest the weight of the gate and prevent it from moving.



Supported

- b. Unhook hoist or crane and remove 'O' ring bolt from gate.

IMPORTANT

The gate is very heavy and will swing freely around the fan inside the frame when released. Do not allow anyone to be in or near the machine when gate is released.



'O' Bolt

- c. Remove the punch, drift or pry bar to release the weight of the gate and let it swing freely.



Released

FIG 12-6 RELEASE GATE

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