

INSTALLATION

GENERAL INFORMATION

The BRADCO "Signature Series" Pallet Forks were designed to be easy to use and maintain. The pallet fork mounts to the toolbar/quick attach mechanism for easy installation.

WARNING! Never exceed the recommended lifting capacity of any approved fork tines or the prime mover. Use the correct fork tines for the job at hand.

WARNING! To Avoid Serious Personal Injury, make sure the pallet fork is securely latched to the attachment mechanism of your unit. Failure to do so could result in separation of the attachment from the unit.

ATTACHING

Install the pallet fork frame by following your power unit operator's manual for proper installation of an attachment. Make sure the fork frame is securely latched to the prime mover.

DISCONNECTING PALLET FORK

On firm, level ground, lower the lift arms against the frame and place the pallet fork on the ground.

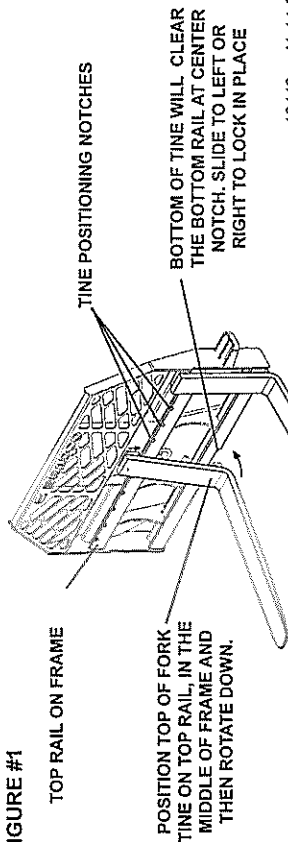
Follow your power unit operator's manual for detaching (removing) an attachment.

IMPORTANT: Follow all safety shutdown procedures listed in your power unit operator's manual before leaving the operator's station.

FORK TINE INSTALLATION

With loader arms lowered and completely rolled back, shut down the power unit following the safety shutdown procedure for your unit. (If installing negative drop tines the loader arms may need to be raised slightly to avoid contacting the ground during installation.) Ensure that the locking assembly on the tine is in the unlocked (UP) position. Place the top of the fork on the top rail in the middle of the frame and then rotate down. Slide the fork to the side to seat it on the frame and, using the locking assembly that is on your tine, lock in place. Install the following tine(s) in the same fashion. Make sure the locking assembly has been set into a notch on the top rail and therefore securing the tine to the frame. See Figure #1

FIGURE #1



INSTALLATION

ADJUSTING THE FORK TINES

With the loader arms lowered and completely rolled back, shut down the power unit following the safety shutdown procedure for your unit. (If tines are still in contact with the ground the loader arms may need to be raised just enough to eliminate contact.) From the right side of your pallet fork, adjust the position of the right fork tine by either lifting the lock assembly into the vertical position or turning the knob to the unlock position and sliding the fork tine to the desired location by either pushing or pulling on the vertical portion of the fork tine. Restore the locking assembly to either the horizontal position or turn the knob to lock the fork tine in place. Make sure that the latch has been set into a notch and therefore securing the tine to the frame.

Move to the left side of the pallet fork frame and repeat the adjustment procedure to the left fork tine. Make sure that the left tine is the same distance from the center of the frame as the right tine.

WARNING! Never exceed the recommended lifting capacity of any approved fork tines or the prime mover.



NOTE: Fork tine capacities are pounds per pair at a 24" load center. (The center of gravity of the allowable loads must be applied within the first 24" of the fork tines when measured from the front face of the vertical section of the fork tine out toward the tip of the horizontal section of the fork tine.)

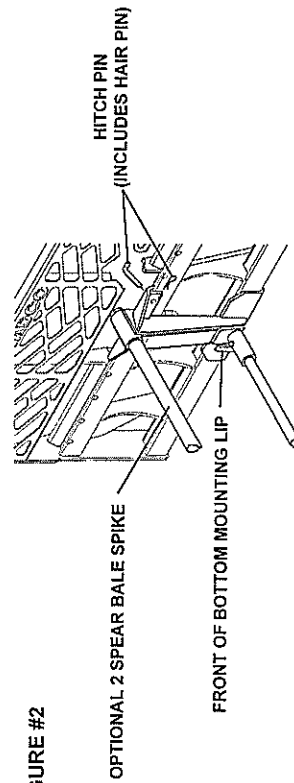
INSTALLATION OF OPTIONAL ASSEMBLIES

When installing the tow hitch, auger mount, 2 spear bale spike or the 3 spear bale spike onto your fork frame you must first remove the existing fork tines.

Position the top lip of the attachment over the top mounting bar on the fork frame with the bottom mounting lip in the center of the frame. Rotate the hitch down and slide sideways to lock the bottom on and then lock into place using the hitch pin provided. See Figure #2

Once the auger mount is attached to the fork frame, bolt the cradle (sold separately) to the auger mount using the .50" hardware supplied. Install the swivel to the mounting using pin #22255 provided and then secure the auger drive unit to the swivel with the pivot pin supplied with the drive unit.

FIGURE #2



OPERATION

GENERAL INFORMATION

The BRADCO Signature Series pallet forks are designed to handle up to 6,600 lb capacity depending on the tine option. The heavy duty brickguard offers see through visibility for tine placement, added strength along with a smooth surface for protection against load damage.

The Signature Series pallet forks include an exclusive (patented) load retention ring for securing pallet fork loads or to pull loads out of trucks as well as many other uses.

WARNING! Operate the attachment only when properly seated at the operator's station. Any other method could result in serious personal injury or death.



Do not exceed the recommended lifting capacity of any approved fork tines or the prime mover. Do not use the fork tines for prying or any purpose other than lifting.

Completely engage load before lifting. Fork length should be at least two-thirds of load length. It is recommended to keep lifting surface of the forks level at all times. When backward tilt is required to stabilize the load use extreme caution.

Do not lift round bales without first installing the optional bale spike. Do not try to lift a load with one fork.

Reduce speed when driving over rough terrain, on a slope, or turning, to avoid overturning the vehicle.

Secure the load properly. Unsecured loads can fall unexpectedly. When transporting a load, keep the forks as close to the ground as possible.

Before exiting the prime mover, lower the pallet forks to the ground, turn off the prime mover's engine, remove the key and apply the brakes.

OPERATING INSTRUCTIONS

It is the operator's responsibility to know or be able to estimate the weight and load center of the load you will be lifting. Know the terrain and the route you will need to travel. Adjust travel speed accordingly. Whenever possible avoid double tiered loads, rough terrain, sharp turns, sudden starts and stops.

1. Adjust the spacing of the forks so they engage the pallet or load at its maximum width and then approach the load in such a fashion that the weight will be centered between the fork tines. The heaviest side should be closest to the fork frame and not near the tips of the fork tines.

OPERATION

2. Before lifting make certain the fork tines are completely under the load and level. (Fork length should be at least two-thirds of load length.)

NOTE: A Load Retention "D" Ring is provided on the fork frame for securing loads to prevent them from becoming dislodged unintentionally.

3. Lift the load slightly to make sure the load is stable. If load appears unstable, lower and reposition the tines to achieve full stability.
4. Raise the load to the MINIMUM height required for the terrain.
5. During transportation; keep the fork tines level, gradually accelerate and brake, slow down before turning and avoid any obstacles, bumps or holes. Check load frequently to ensure stability.

NOTE: If placing the load off of the ground there are some important practices that should be followed while lifting the load.

- a. Start lifting slowly and smoothly. Lift speeds can be slightly increased once the load has started moving and appears to be stable.
- b. If the load starts to lean or move, lower to the ground and reposition.
- c. Lower the load gently until the weight of the load is securely resting on the landing point and the forks are free to be retracted from under the load.

IMPORTANT: Before removing the forks from the load check landing point for any indications of overloading. If there is any indication that the landing point cannot handle the weight of the load, pick the load back up and lower it to the ground.