APE SERVICE BULLETIN

DEEP FOUNDATION SOLUTIONS

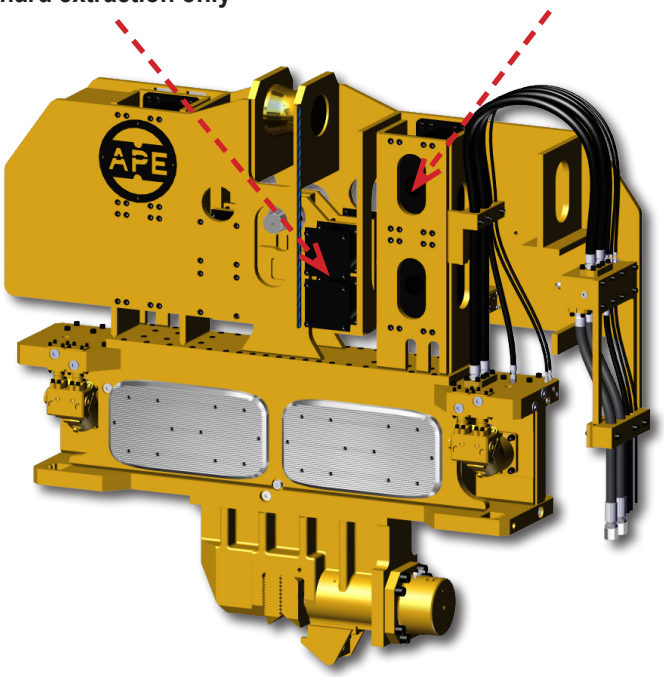
VIBRATORY HAMMER • POWER UNIT • AUGER SYSTEMS • DIESEL & HYDRAULIC HAMMERS
• DRILL RIGS • HYDRAULIC PILING RIGS • WICK DRAIN INSTALLERS • LEAD SYSTEMS

#58 NOTICE: OPERATORS

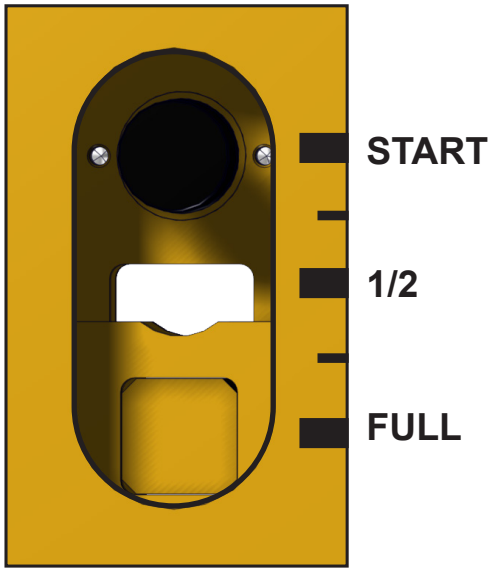
AVOID UNWANTED CRANE LINE VIBRATION! DO NOT HOLD SUPPRESSOR BETWEEN STAGES

Small high capacity rubber elastomers for hard extraction only

Large elastomers for all driving and light extraction



PULLING CAPACITY



This pin will not start moving until you pull about 10 tons.
Suppressor will automatically add second group of rubber elastomers when extracting beyond 10 tons line pull

Understanding the Patented APE Two Stage Suppressor

The APE Vibro Suppressor has two sets of rubber elastomers. One set is very large and is used for driving and light extraction. On most light duty jobs, only the large elastomers will be engaged and the vibro will operate very smoothly.

A second set of smaller, high capacity, rubber elastomers is also located within suppressor. They are only used during hard extraction. They will engage after you have stretched the large elastomers approximately 10 inches. Most piles come out before you can pull that hard. However, if the piles do not come free,
The second stage rubbers will engage and cause a slight metal to metal sound. Do not mistake this to be the safety stops. Keep pulling until you fully engage the small elastomers.

Safety Stop Pin

The safety pin is in the center of the vibro. When at rest it is located at the top of the pin slot. This pin will not move until you start pulling into the second stage. You have reached maximum pulling when the pin has reached the bottom of the slot. It can take up to 150 tons of line pull to get this pin to the bottom of the slot. Many cranes do not have the capacity to reach the pulling limits of the vibro.

Note: Larger vibros will have a higher max line pull.

Do not stop pulling when the suppressor switches to the second stage.

Instead, pull through it and watch the center safety pin. The pin indicates the line pull on the vibro and pile.

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