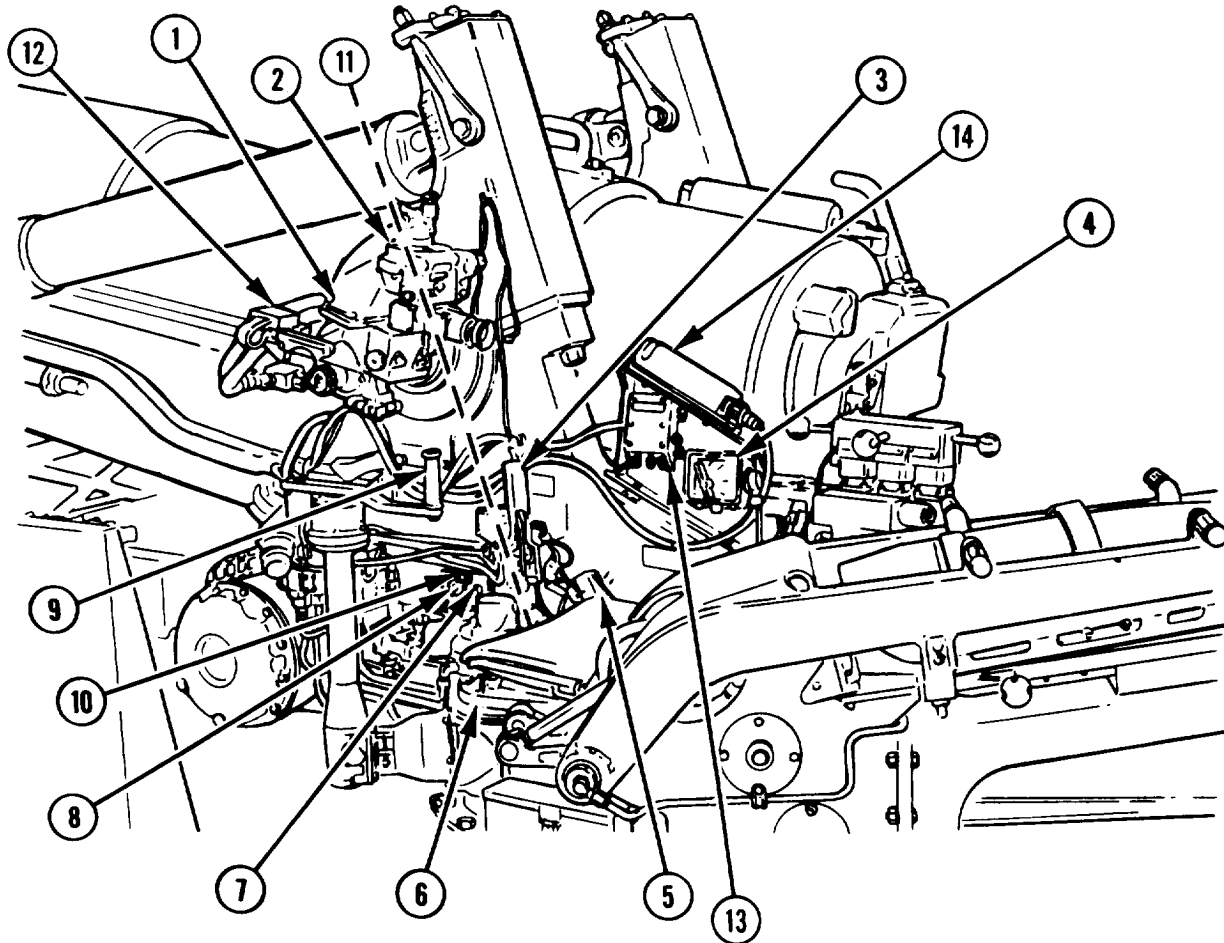


KNOW YOUR CONTROLS AND INDICATORS—CONTINUED

GUNNER'S CONTROLS AND INDICATORS



Key	Control or Indicator	Function
1	M137 telescope mount	See page 2-95 for description of M137 telescope mount controls.
2	M115 telescope	See page 2-96 for description of M115 telescope controls.
3	Power traversing control handle	Operates control valve to hydraulically traverse cannon. Squeeze actuator and move handle forward to traverse right or move handle back to traverse left.

KNOW YOUR CONTROLS AND INDICATORS—CONTINUED*GUNNER'S CONTROLS AND INDICATORS-CONTINUED*

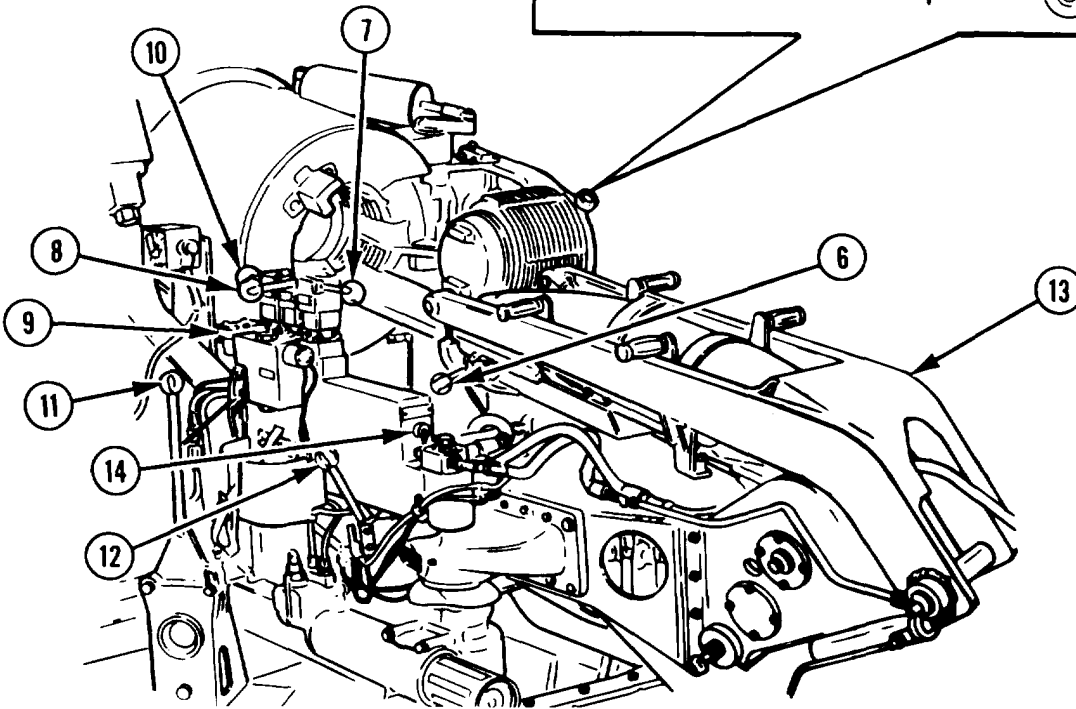
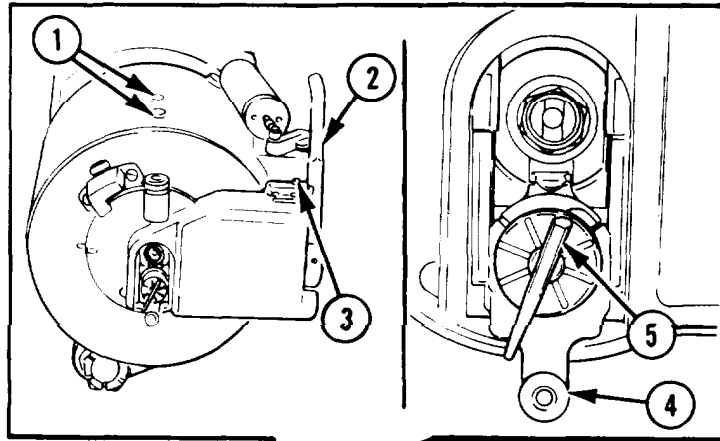
Key	Control or Indicator	Function
4	Intercommunication control box	Provides interphone and radio control facilities for gunner.
5	Power elevating control handle	Operates control valve to hydraulically elevate or depress cannon. Squeeze actuator and move handle back to elevate cannon or move handle forward to depress cannon.
6	Seat adjustment lever	Controls horizontal adjustment of gunner's seat.
7	Oil pump motor switch	Controls operation of hydraulic oil pump motor. The pump operates automatically when ON to maintain 1600-2400 psi (11,032-16,548 kPa) hydraulic pressure.
8	Suspension lockout indicator light	Lights when the suspension lockout cylinders are locked out.
9	Manual traversing handle	Provides for manually traversing the cannon in case the hydraulic power system fails. Cannon traverses in the same direction handle is turned.
10	Pressure filter indicator lamp assembly	Lights when hydraulic pump pressure filter element needs to be changed.
11	Seat adjustment lever	Controls vertical adjustment of gunner's seat.
12	M140 alinement device mount	Provides mount for checking boresight accuracy with the M140 alinement device.
13	Gun assembly (GA)	Displays deflection data from BCU.
14	Section chief assembly	Displays firing data from BCU. Keyboard allows selection of data.

KNOW YOUR CONTROLS AND INDICATORS—CONTINUED

LOADER/RAMMER AND BREECH CONTROLS AND INDICATORS

CAUTION

Do not operate hydraulic ram without projectile (live or dummy round).



Key	Control or Indicator	Function
1	Breech ring quadrant seats	Provides level surface for placing gunner's quadrant during fire control alignment tests and for measuring quadrant during firing.
2	Breechblock operating lever	Unlocks or locks breechblock during loading operations.
3	Operating lever latch	Locks breechblock operating lever in locked position.

KNOW YOUR CONTROLS AND INDICATORS—CONTINUED*LOADER/RAMMER AND BREECH CONTROLS AND INDICATORS—CONTINUED*

Key	Control or Indicator	Function
4	Firing mechanism housing follower knob	Releases firing mechanism block to slide down and expose primer chamber.
5	Lanyard lever	Actuates the firing mechanism to fire the cannon when lanyard is attached and pulled.
6	Rammer trough handle	Used to slide rammer trough forward and back during loading operations. Left handle engages latch in forward position and activates the tray interlock switch.
7	Swing control valve handle	Operates control valve to hydraulically rotate loader/rammer between stow and ram positions.
8	Loader control valve handle	Operates control valve to hydraulically extend or retract the loader arm that lifts a projectile into ramming position.
9	Hydraulic pressure gage	Indicates hydraulic system pressure. Normal is 1600-2400 psi (11,032-16,548 kPa).
10	Rammer control valve handle	Operates control valve to hydraulically ram a projectile into the cannon chamber.
11	Loader/rammer stow position lock handle	Releases the stow position lock that secures the loader/rammer in stowed position.
12	Loader/rammer stow position lock handle	Releases the stow position lock that secures the loader/rammer in ram position.
13	Rammer	Rams and seats projectile in chamber.
14	Borescope outlet	Provides connection to vehicle electrical system to operate special purpose inspection device (borescope).