

## **MALFUNCTION**

### **LAUNCHING**

BRIDGE FAILS TO LIFT OFF THE BRIDGE SEAT  
BRIDGE FAILS TO SCISSOR OPEN  
BRIDGE FAILS TO LOWER FROM THE VERTICAL  
BRIDGE FALLS DURING LAUNCHING  
BRIDGE WILL NOT RELEASE FROM THE TONGUE

### **RETRIEVING**

TONGUE WILL NOT ENGAGE THE BRIDGE  
BRIDGE FAILS TO LIFT  
BRIDGE FAILS TO RETRACT FROM THE VERTICAL  
BRIDGE DROPS ON THE LAUNCHER  
FOLDED BRIDGE WILL NOT ENGAGE THE BRIDGE SEAT

### **GENERAL**

HYDRAULIC SYSTEM FAILS

# **AVLB HYDRAULIC TROUBLE SHOOTING GUIDE**

**GTA 05-04-038**

**HEADQUARTERS,  
DEPARTMENT OF THE ARMY**

**OCTOBER 1988**

#### **Instructions**

- 1. Slide the insert until the arrow points to the appropriate malfunction.**
- 2. Turn the GTA to the reverse side.**
- 3. Starting with probable cause 1, follow the numerical sequence until the cause of the malfunction is determined.**

## **PROBABLE CAUSE OF MALFUNCTION**

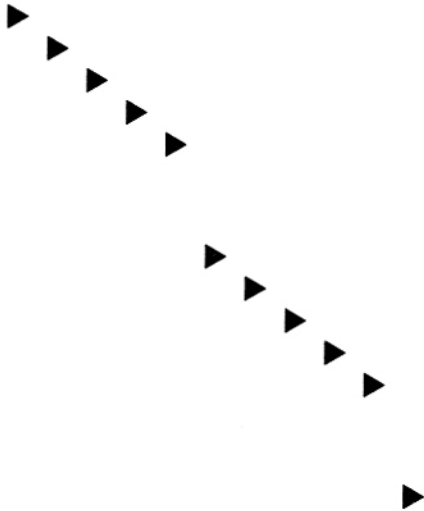
**BRIDGE AND LAUNCHER NOT ON THE SAME PLANE  
HYDRAULIC PUMP NOT ENGAGED  
OIL PRESSURE LOW  
CLUTCH SLIPS  
POWER TAKE-OFF SYSTEM DEFECTIVE  
TIE-DOWN CHAINS NOT RELEASED  
OVERHEAD CYLINDER FAILS TO OPERATE  
SCISSORS CYLINDER FAILS TO OPERATE  
TONGUE CYLINDER FAILS TO OPERATE  
TONGUE HYDRAULIC QUICK DISCONNECTS NOT ENGAGED  
TONGUE CYLINDER EXTENDS TOO RAPIDLY  
LOCKING CYLINDER NOT RETRACTED  
EJECTION CYLINDER NOT OPERATING/EXTENDED  
OVERHEAD CYLINDER RETRACTS TOO RAPIDLY  
TONGUE CYLINDER NOT FULLY RETRACTED  
NO HYDRAULIC PRESSURE  
OIL IN RESERVOIR LOW**

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**MALFUNCTION**

**HEADQUARTERS,  
DEPARTMENT OF THE ARMY  
GTA 5-4-38 (INSERT)**



# PROBABLE CAUSE OF MALFUNCTION

						1							
1		1		1			1	1		2	1		
3	3	3	2	3			3	3				3	
4	4	4	3	6			4	4	2			4	
6	5	5	4	7			5	5	3			5	
5													
7								6		3			
	6												
		6					6						
	1												
			5										
				4	2								
				5	3								
									4				
										1			
8									5				
2	2	2	1	2			2	2	1			2	