



# TEXAS EQUIPMENT

## Scissor Lift

### HFCI 6@9' & CCHB;

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**Model**  
**37212A**

<b>Fault</b>	<b>Possible cause</b>	<b>Solutions</b>
The motor does not start although the lifting-up has been pressed.	<input type="checkbox"/> Connection of power supply cables are not correct.	Check and re-connect the cables.
	<input type="checkbox"/> The contactor (KM in Fig.16) in the circuit of the motor does not work.	If the motor starts when forcing the contactor closed down with an isolated rod, check the control circuit. If the voltage at two ends of the contactor coil is normal, replace the contactor.
	<input type="checkbox"/> The limit switch is not work.	Short-circuit terminal 10# and 0#, which are connected with the limit switch, and if the trouble disappears, check the limit switch, or replace it with a new one.
In lifting operation, the motor runs, but there is no lifting movement.	<input type="checkbox"/> The motor turns inverse.	Change the phases of the power supply cables. Or call engineer to change the connection inside the motor.
	<input type="checkbox"/> Lifting with light load is normal but not with heavy load.	The safe pressure of the over-flow valve (E in Fig 16) shall be increased by turning the knob clockwise slightly. The spool of the lowering solenoid valve (C in Fig .16) is stuck by dirt. Clean the spool.
	<input type="checkbox"/> The hydraulic oil in tank is not enough.	Add some hydraulic oil to the tank.
	<input type="checkbox"/> The valve "G" is not open.( Fig. 16)	Turn counter clockwise and open the valve "G".
When press "Lower down" button, the platform is not lowered.	<input type="checkbox"/> The safety locks are not released form the safety teeth.	First lift up the platform a little to open the safety lock then lowering it.
	<input type="checkbox"/> The safety locking pawl is not lifted.	The air pressure is not high enough to lift up the safety locking pawl. Please increase the pressure be 6-8 bar.
	<input type="checkbox"/> The solenoid air valve does not work.	If the solenoid air valve is energized, but does not open the air loop, check or replace the solenoid air valve.
	<input type="checkbox"/> The lowering solenoid valve is energized but does not work.	Check the plug and coil of the lowering solenoid valve. Check the tightness of its lock nut on the coil.
	<input type="checkbox"/> The hydraulic oil has too high viscosity or frozen, deteriorated (in Winter).	Replace with new hydraulic oil in accordance with the instruction book.
The lift lowers extremely slowly under normal loads.	The "antiknock valve" for preventing oil pipe burst is blocked.	Shut off air supply and thus lock the safety pawl of the lift Remove the "antiknock valve" from the oil supply hole at the bottom of the cylinder, then clean the "antiknock valve".
The platforms are not synchronous and not in the same height.	<input type="checkbox"/> The air in the oil cylinder is not vent completely.	Refer to STEP 7 in INSTALLATION.
	<input type="checkbox"/> Oil leakage on oil pipe or at its connections.	Tighten oil pipe connectors or replace oil seals then initialize the system and do leveling again.
	<input type="checkbox"/> The valve "H" can not be closed totally.	Replace valve "H", and then level the platforms.
Noisy lifting and lowering.	<input type="checkbox"/> Lubrication is not enough.	Lubricate all hinges and motion parts (including piston rod) with oil or grease.
	<input type="checkbox"/> The base or the lift frame is twisted.	Again level the platforms and make the bottom frames stable.