

LOCK SHOP  
**LOCKSMITH**  
 Ref. Code: L-L-6

INSTALLING HANDICAP CLOSERS AND DOOR OPERATORS		
Activity	Hazard Identification	Required Precautions
1. Driving to and from work site.	1. Motor vehicle accident; striking pedestrians, bicyclists, or individuals using rollerblades.	1. Wear prescription lenses, if required, and seatbelt. Verify that all equipment on vehicle is secured properly. Stay alert for pedestrians, bicyclists, and individuals using rollerblades.
2. Drilling into wall.	2a. Exposure to asbestos can cause serious illness.	2a. On older buildings, have the wall checked for asbestos by the safety department before beginning work. If wall has asbestos in it, use hepavac; wear dust mask, safety glasses, and long-sleeve shirt or coveralls.
	2b. Electric shock; electrocution.	2b. Before drilling, survey job site for obstacles and electrical hazards.
	2c. Loss of hearing.	2c. Wear earplugs.
3. Using power tools.	3a. Electric shock; electrocution.	3a. Inspect cord before use. Keep power cord away from work area. Plug tools into GFCI-protected outlets. Do not use electric tools if work area is wet.
	3b. Tripping over or cutting power cord.	3b. Keep power cord away from work area.
	3c. Lacerations to skin from flying metal and other debris; cuts to eyes or debris lodged in eyes; inhalation of dust and debris.	3c. Wear safety glasses, and optionally goggles, gloves, dust mask, long-sleeve shirt and/or coveralls. When using die grinder, also wear hat to protect head from flying pieces of metal or concrete.
	3d. When drilling into concrete, loss of hearing.	3d. Wear earplugs.
4. Using hand tools.	4. Cuts, pinches, smashes, punctures, severing of fingers.	4. Keep tools in good condition. Inspect tools before use. Wear safety glasses. Work away from yourself. Use normal caution required for all hand tools.

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5. Using stepladder.	5. Ladder collapsing; slipping/falling from ladder.	5. Inspect ladder before use. Use ladder of proper height. Make sure ladder is properly assembled and locked and standing on level ground. Do not exceed weight limit for ladder. Do not stand on top of ladder or on top rung. Have coworker hold ladder.
6. Lifting heavy weight (opener can weigh up to 150 lbs.).	6. Back strain; overexertion.	6. Know your weight-lifting capacity and get help if needed. Lift using leg muscles. Keep back straight. Work as a team to lift heavy openers. Use mechanical lifting equipment.
7. Doing low voltage connections.	7. Electric shock; electrocution.	7. Do not attempt to make the high voltage connections. Call in the electrician for this job.