

Santa Barbara City Fire Department - Standard Operating Procedures Training Operations		Code: T-II-21
Replacing a Broken Supply Line		
Chpt: II Hose Lays	Revised: 3/29/13	Pages: 2

I. POLICY

A. To provide a standard method for replacing a broken 2 ½” supply hose during fireground operations.

II. PREPARATION

A. Remember, if you have done a change over from tank supply to a 2 ½” supply line (self back-up), after setting the proper pump pressure to your attack line, you should immediately refill your tank in case you lose your supply line.

III. REPAIRING A BROKEN SUPPLY LINE - SELF BACK-UP

A. In the event that your self back-up line is ruptured, broken or compromised in any way, use the following steps:

1. Make sure you have enough water in your tank to allow you to establish a new supply line. (See II-A above) If you do not have enough water in your tank, notify your crew to pull out until you can establish another supply.
2. Notify the crew on the attack line that you have lost your supply line and are changing over to tank water.
3. Open your tank to pump and close the intake of the broken line, adjust the pressure.
4. Follow the steps to perform a self back-up with the exception of using the left intake for the new line.
5. Once the new line is attached to the intake (make sure the intake is closed) proceed to the hydrant.
6. Once at the hydrant, shut down the broken line and hook up the new supply line and charge the line.
7. Return to the pump panel and notify the attack crew that you are going to change over to hydrant supply.
8. Follow steps to perform change over (See section XII of SOP [T-II-3](#)).
9. Fill tank again.

IV. REPAIRING A BROKEN SUPPLY LINE – LONG LAY OVER 200’

Replacing a Broken Supply Line

- A. In the event that your supply line is over 200' use the following steps:
1. Make sure you have enough water in your tank to allow you to establish a new supply line. (See II-A above) If you do not have enough water in your tank, notify your crew to pull out until you can establish another supply.
 2. Notify the crew on the attack line that you have lost your supply line and are changing over to tank water.
 3. Open your tank to pump and close the intake of the broken line, adjust the pressure.
 4. Go to the hose bed and pull 100' of hose (pulling 100' will assure that you have enough hose to replace the broken section), a hose clamp and proceed to the broken section. Lay the 100' section out next to the broken section, female towards the hydrant.
 5. Place hose clamp on the first good section of hose on the hydrant side of the break. Place the hose clamp 5' from the coupling.
 6. Clamp the hose, remove broken section and replace with new section.
 7. Remove clamp.
 8. Return to the pump panel and notify the attack crew that you are going to change over to hydrant supply.
 9. Follow steps to perform change over. (See section XII of SOP [T-II-3](#))
 10. Fill tank again.