

Instructions For BSL734yf Dye Injector



WARNING! Always wear safety goggles when working with refrigerants. Contact with refrigerant can cause eye injury.

DO NOT allow ANY dye concentrate to come into contact with vehicle's painted surface. Wipe off **IMMEDIATELY** in case of spillage.

The BSL734yf Dye Injector is designed to be used with your R-1234yf Recovery/Recycle/Recharge machine (if you are able to access the low-side hose connection to your Recovery/Recycle/Recharge machine). The BSL734yf has two threaded mounting holes that allow permanent attachment to your Recovery/Recycle/Recharge machine. The BSL734yf Dye Injector then becomes a permanent tool in the low pressure hose assembly hook-up between the vehicle and your Recovery/Recycle/Recharge machine or Charging Station.

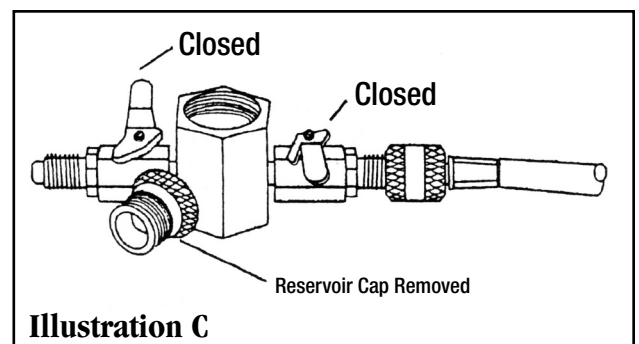
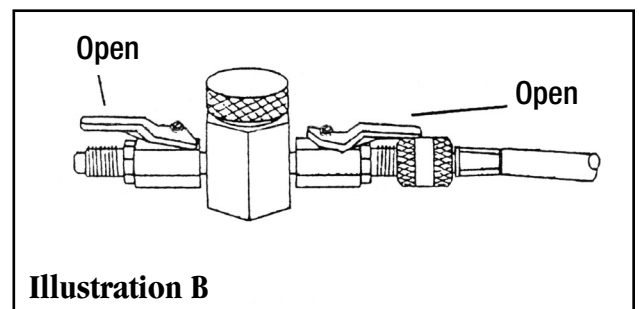
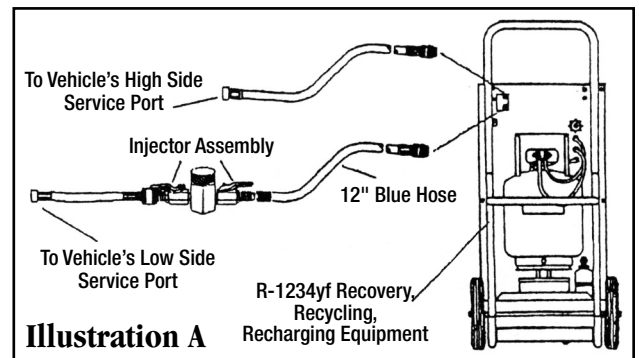
IMPORTANT: Determine if the vehicle A/C system is in a vacuum state, low state of charge, or is fully pressurized. Then follow the instructions below according to the vehicle A/C system condition. Inject **ONLY** 1/4 oz. of A/C dye into the system. **DO NOT** double charge the A/C system with dye.

Installation Instructions

1. Evacuate the hose on your Recovery/Recycle/Recharge machine.
2. Disconnect the low-side hose from your Recovery/Recycle/Recharge machine.
3. Connect the dye injector hose to the low-side of your Recovery/Recycle/Recharge machine (Illustration A).
4. Pull a vacuum on your on your Recovery/Recycle/Recharge machine. Be sure the BSL734yf Dye Injector valves are in the "OPEN" position and that the injectors reservoir cap is tightly secured (Illustration B).

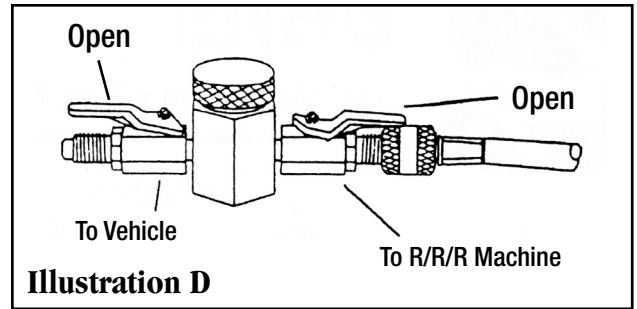
R-1234yf Dye Charge Instructions for an A/C System in a Vacuum State or in a Low State of Charge

1. Recover the remaining refrigerant and pull a vacuum on the A/C system if required.
2. Close both valves on the BSL734yf Dye Injector and then remove the dye injectors reservoir cap (Illustration C).
3. Pour 1/4 oz. of Bright Solutions A/C dye into the injector reservoir. Replace the reservoir cap making sure that the cap is tightly secured.



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4. Injecting the dye into an A/C system in a state of vacuum or a low state of charge. Open the dye injector valve that leads to the low pressure A/C connector on the vehicle (Illustration D).
5. Start your Recovery/Recycle/Recharge machine charge cycle and then immediately open the dye injector valve that leads to the machine side (Illustration D).
6. Refrigerant flow will carry the dye into the A/C system. Stop the Recovery/Recycle/Recharge machine when the charge specification is reached. **DO NOT exceed the charge specifications.**
7. Leave the dye injector valves in the “OPEN” position (Illustration D).



R-1234yf Dye Charge Instructions into a Pressurized A/C System

1. **Important:** In order to ensure that all the dye will flow into the A/C system, at least 1/2 pound of refrigerant must pass through the dye injector. If necessary, recover a 1/2 pound of refrigerant from the A/C system in order to add the dye.
2. Make sure that both valves on the BSL734yf Dye Injector are in the “CLOSED” position (Illustration E).
3. **Warning:** The dye injector reservoir is under pressure, open reservoir cap slowly.
4. Pour 1/4 oz. of Bright Solutions A/C dye into the injector reservoir. Replace the reservoir cap **making sure that the cap is tightly secured.**
5. Open the dye injector valve that leads to the low-pressure A/C connector on the vehicle (Illustration D).
6. Start your Recovery/Recycle/Recharge machine charge cycle and immediately open the dye injector valve on the machine side (Illustration D).
7. Refrigerant flow will carry the dye into the A/C system. Stop the Recovery/Recycle/Recharge machine when the charge specification is reached. **DO NOT exceed the charge specifications.**
8. Leave the valves on the BSL734yf Dye Injector in the “OPEN” position until the next dye injection is required (Illustration D).

