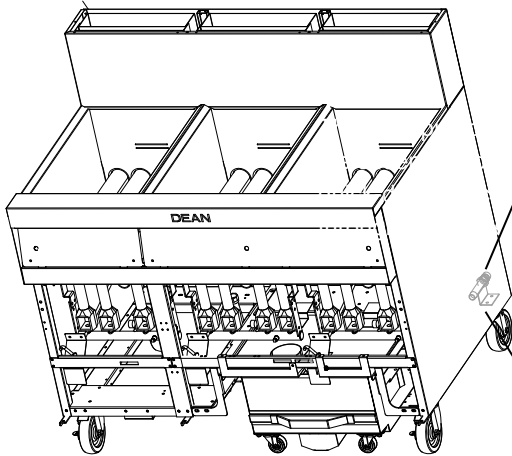


# Dean Rear Oil Discharge Kit

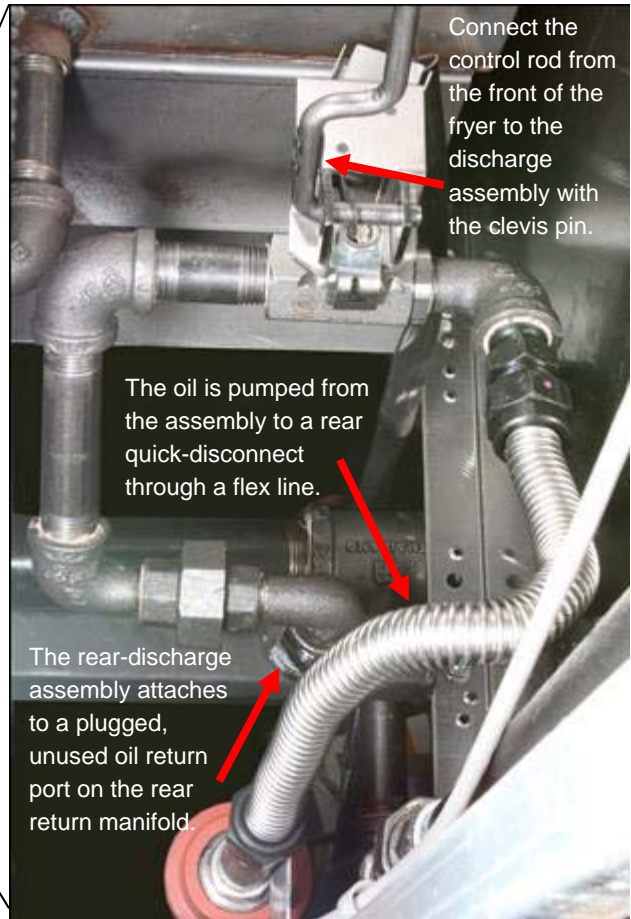
826-2689, 826-2690

## Instructions for an Dean SCF50 or 60

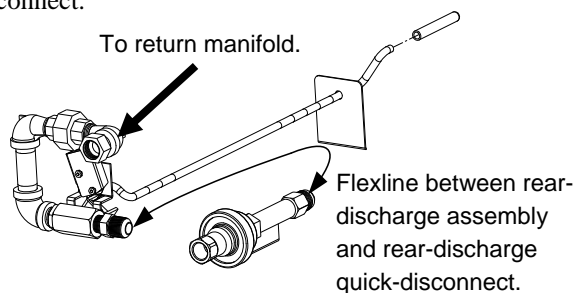
This kit places a rear discharge assembly on the right side of a Dean SCF50 or 60 fryers. Follow the instructions below to install the kit. For an 1814G, see pages 2 and 3 for instructions.



1. Remove power from the fryer and gain access to the back.
2. Find the unused return manifold port (right side as viewed from the front) and remove the plug.
3. Position the rear-discharge assembly inside the fryer on the right side (as viewed from the front) and attach as shown in the photo above.
4. Position the quick-disconnect with existing screws as shown above.
5. Connect the rear-discharge assembly to the rear-facing quick-disconnect with the provided flex hose.
6. Route the control arm from the front of the fryer to the assemblies' clevis pin as shown above and right.
7. Secure the mounting plate for the control arm to the front of the fryer. (See photo at right.)
8. Daisy chain the rear discharge wiring harness to the far left microswitch, attaching the provided piggyback connections and reconnect the removed wire terminals.
9. Attach sticker indicating rotation of control arm to discharge oil from the filter pan to the rear quick-disconnect.



Route the control rod (left) for the rear discharge between the burners on the right side of the fryer. Attach the wiring harness from the rear-discharge assembly to the left most filter micro switch as shown above.



## Instructions for an 31814G or larger fryer

1. Remove power from the fryer and gain access to the back.
2. The dispose assembly will be installed on the middle port under the far-left vat as viewed from the rear of the fryer (see Figure 1).
3. It may be necessary to disconnect the far-left transformer plug as viewed from the rear of the fryer (see Figure 2).

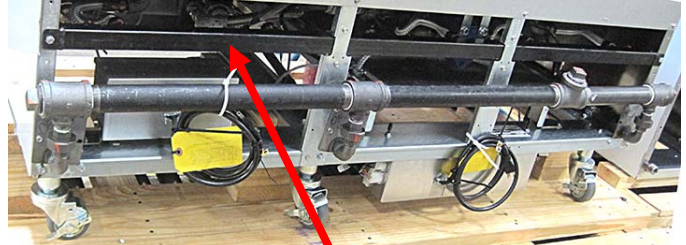


Figure 1

Install disposal assembly here.

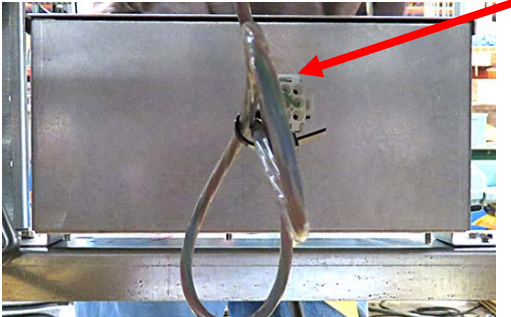


Figure 2

4. It may be necessary to remove the transformer box from the far-left fryer as viewed from the rear by removing the screws attaching the box to the frame (see Figure 3). Set box down off the frame.
5. To gain access to the proper port on the return manifold, it may be necessary to relocate an existing flexline (see Figure 4).
6. Find the unused return manifold port to the right of where the flexline was removed in step 5 (see Figure 5) and remove the cap.

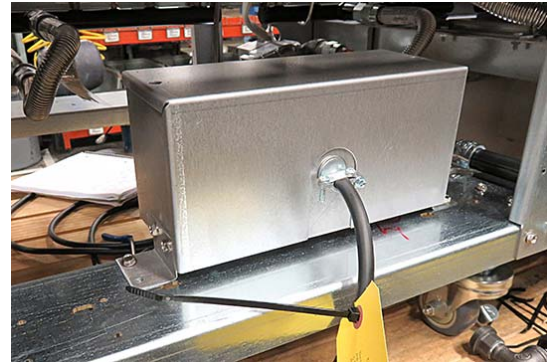


Figure 3



Figure 4



Figure 5

7. Attach the flexline removed in step 5 and attach to the unused port in step 6.
8. Disconnect the union fitting from the dispose assembly and attach the rear portion to the port where flexline was removed in step 5 (see Figure 6).
9. Position the rear-discharge assembly inside the fryer and reconnect the union (see Figure 7).



Figure 6



Figure 7



10. Ensure that all the angles of the dispose assembly plumbing are at 90-degree angles (see Figure 8) before tightening.
11. If transformer box was not removed proceed to step 14, otherwise position the transformer box removed in step 4 all the way to the left (as viewed from the rear) (see Figure 8). Ensure the transformer connection is positioned so that it clears the plumbing assembly (see Figure 10).
12. Drill new holes and attach the transformer box to the frame.

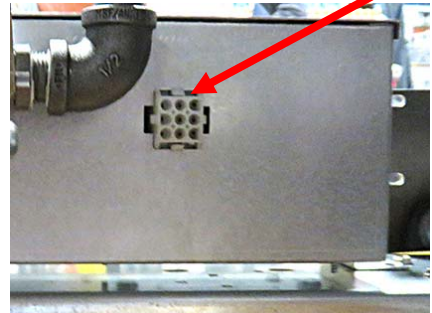


**Figure 9**

13. Reconnect the transformer harness removed in step 3 to the connector in Figure 10.
14. Position the dispose quick disconnect in the open area to the right of the transformer box and attach with supplied screws (see Figure 11).
15. Connect the rear-discharge assembly to the rear-facing quick-disconnect with the provided flex hose (see Figure 12).
16. Route the control arm from the front of the fryer to the handle on the assembly and secure with the supplied clevis pin (see Figures 12 and 13).
17. Secure the mounting plate for the control arm to the front of the fryer using supplied screws (See Figure 14).
18. Daisy chain the rear discharge wiring harness to the far-left vat microswitch, attaching the provided piggyback connections and reconnect the removed wire terminals (see Figure 15).
19. Attach sticker indicating rotation of control arm to discharge oil from the filter pan to the rear quick-disconnect.



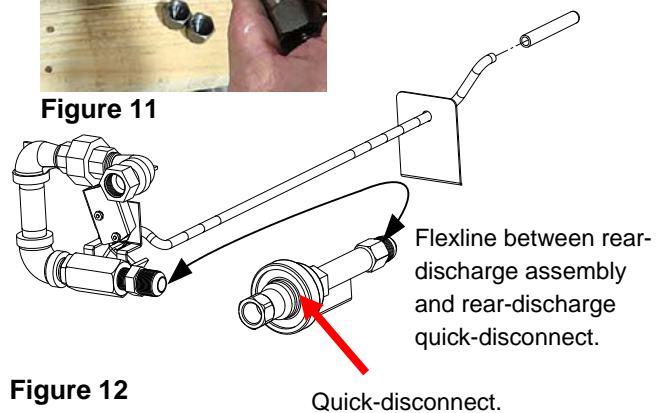
**Figure 8**



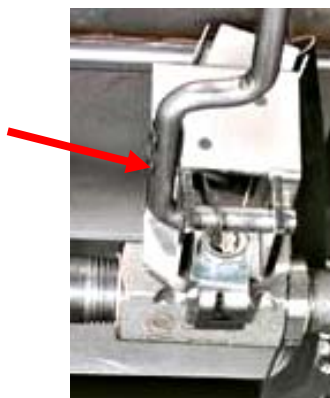
**Figure 10**



**Figure 11**



**Figure 12**



**Figure 13**



**Figure 14**



**Figure 15**