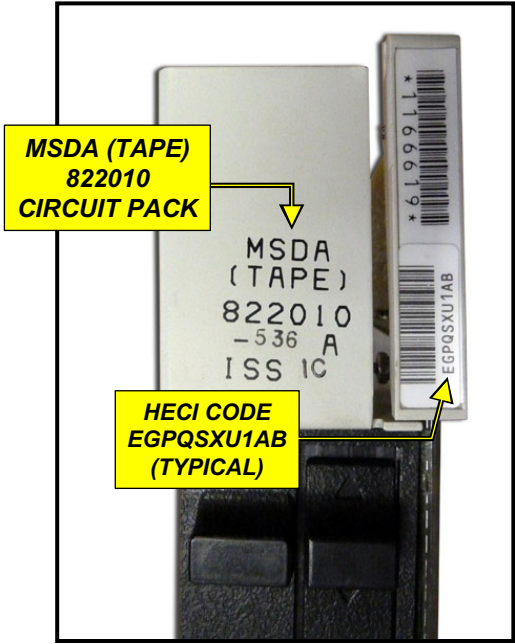
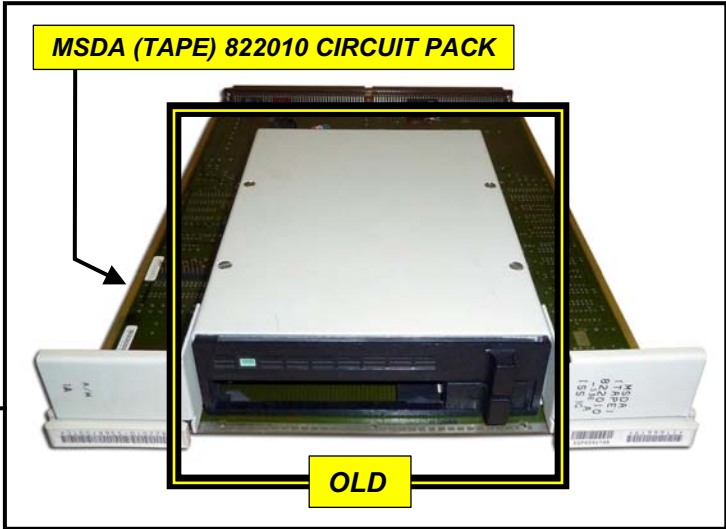


Tape Drive Replacement Procedure for DCO MSDA Circuit Packs

The procedure on the following pages details removing a **Tape Drive** from a **Stromberg Carlson DCO, MSDA (TAPE) 822010** circuit pack & replacing it with a **NEW TAG Solid State SCSI Drive (# TSDT-DCO-01)**.



- DCO MSDA 822010 CIRCUIT PACK WITH AN OLD TAPE DRIVE.



- DCO MSDA 822010 CIRCUIT PACK WITH THE OLD DEFECTIVE DRIVE REMOVED.

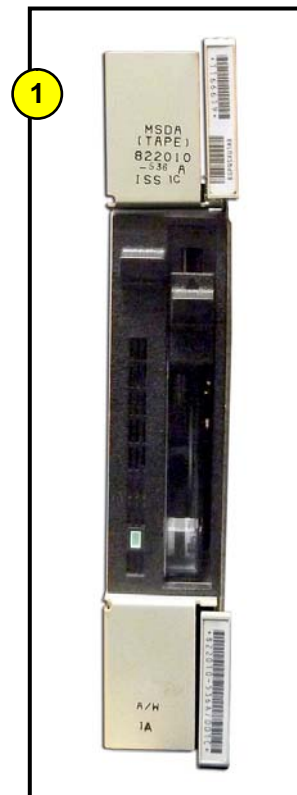
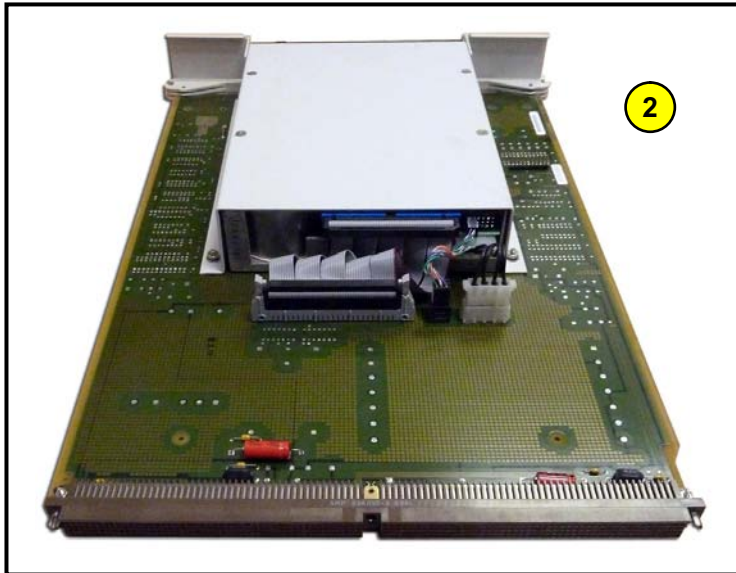


- DCO MSDA 822010 CIRCUIT PACK WITH A NEW TAG SOLID STATE TAPE DRIVE (# TSDT-DCO-01).



Tape Drive Replacement Procedure for DCO MSDA Circuit Packs

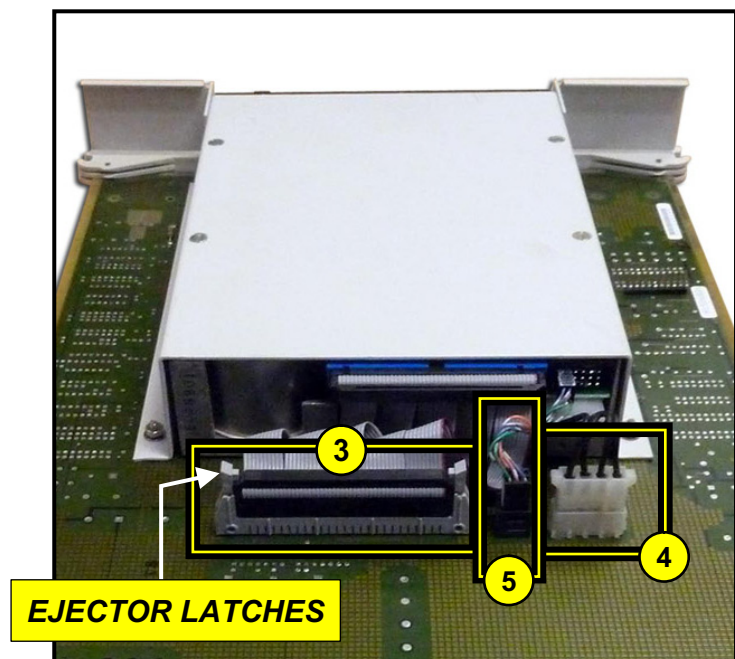
1. Remove the MSDA (TAPE) 822010 circuit pack using standard DCO removal procedures.
2. Place the MSDA circuit pack drive side up on an anti-static surface.



Note: The NEW TAG drive is supplied with NEW cables & hardware - OLD cables & hardware should be kept with the OLD drive & are NOT used.

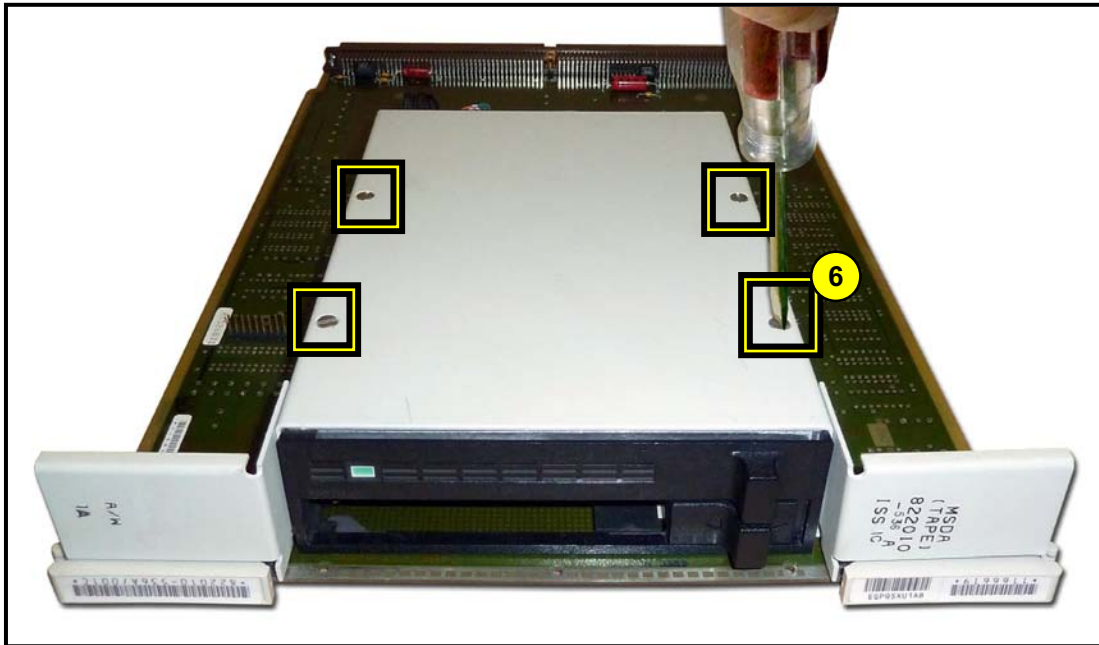
3. Flip down the ejector latches & remove the ribbon cable connector from the MSDA Circuit Pack.
 4. Disconnect the power cable from the MSDA Circuit Pack.*
- * Note: The cable is seated tightly. Wiggle & pull firmly, DO NOT pull the wires.
5. Disconnect the drive select cable from the MSDA Circuit Pack.**

** Note: The cable is seated tightly. Wiggle & pull firmly, DO NOT pull the wires.

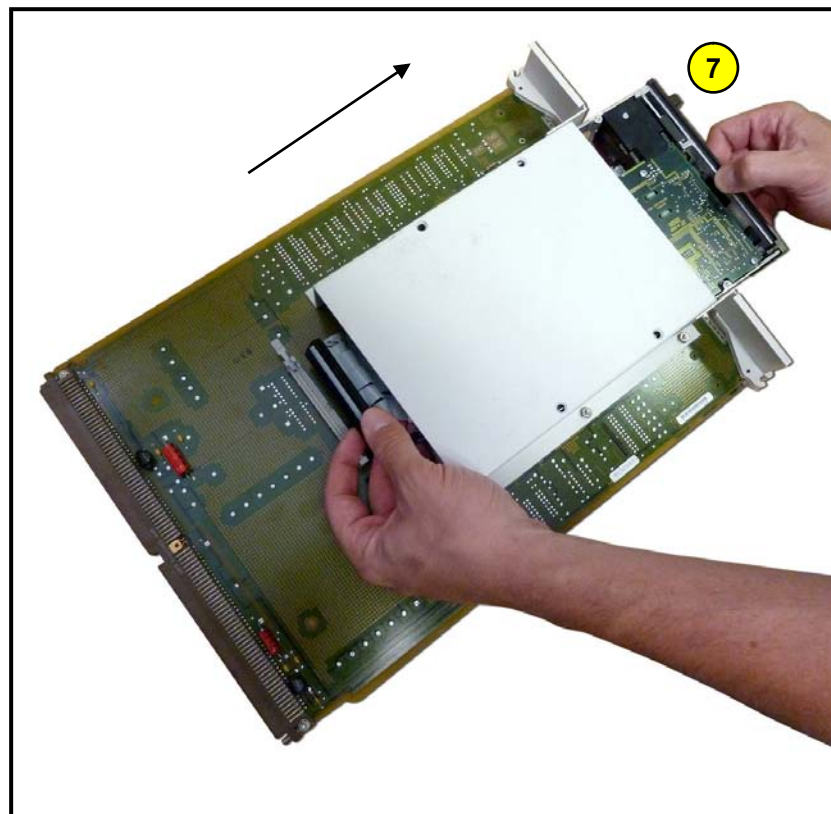


Tape Drive Replacement Procedure for DCO MSDA Circuit Packs

6. Remove the (4) screws attaching the metal mounting carrier on the circuit pack to the OLD tape drive.



7. Carefully slide the OLD tape drive through the front area of the metal mounting carrier on the circuit pack.

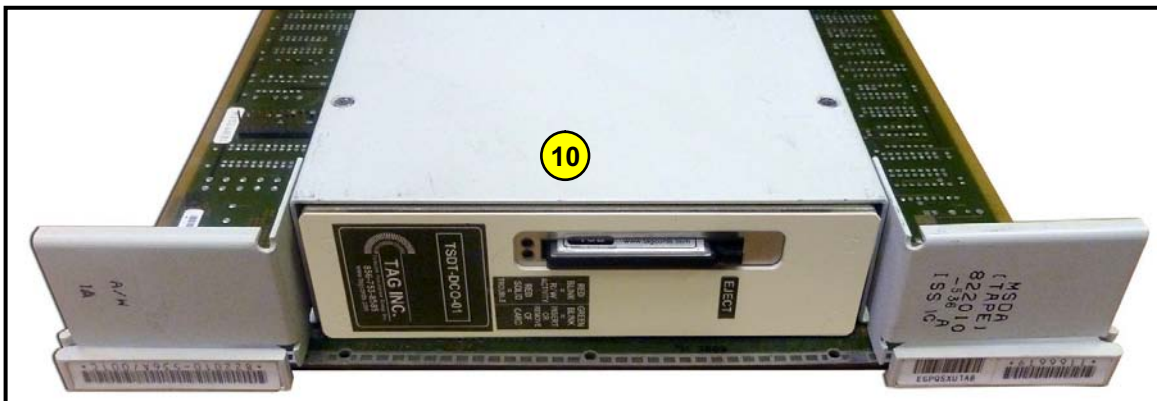
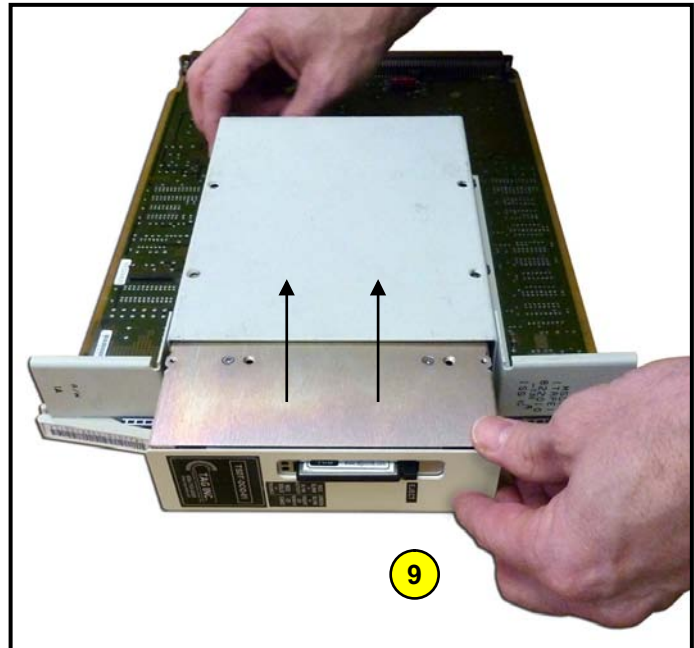


8. Replace the screws back into the OLD drive & follow standard DCO removal procedures.

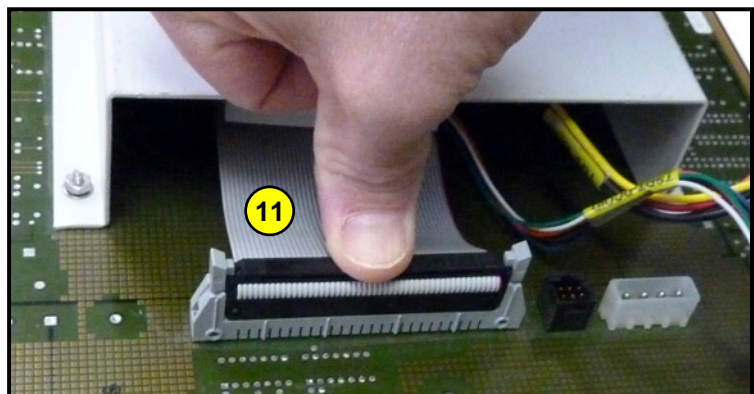
Tape Drive Replacement Procedure for DCO MSDA Circuit Packs

Install the NEW TAG Tape Drive (# TSDT-DCO-01):

9. Carefully slide the NEW tape drive # TSDT-DCO-01 through the front area of the metal mounting carrier on the circuit pack.
10. Position the # TSDT-DCO-01 almost flush with the cutout of the faceplate on the metal mounting carrier as shown below.



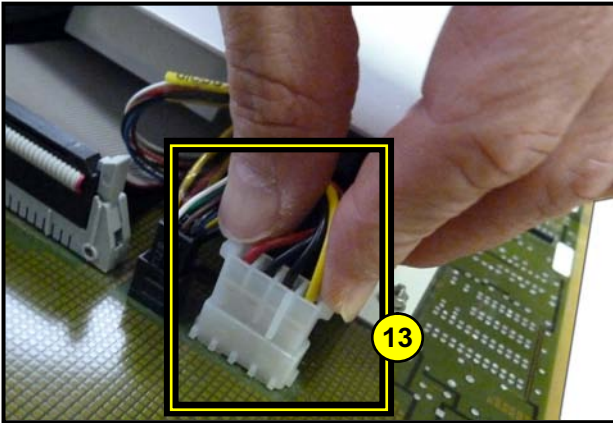
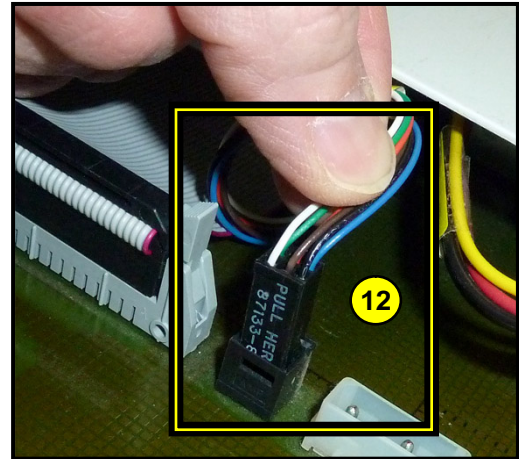
11. Connect the NEW ribbon cable on the # TSDT-DCO-01 to the connector on the carrier.



Tape Drive Replacement Procedure for DCO MSDA Circuit Packs

12. Connect the NEW drive select cable on the # TSDT-DCO-01 to the connector on the carrier.

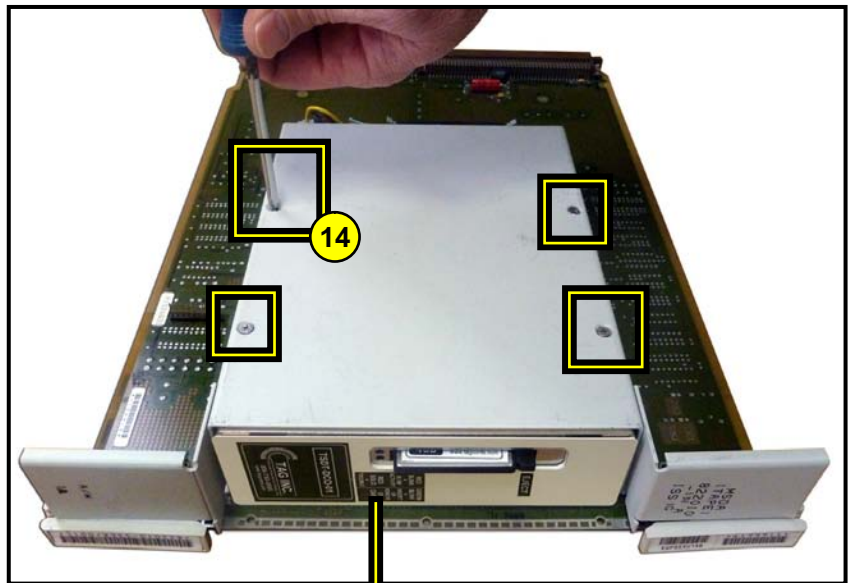
* *Note:* Position the drive select plug as shown:
 - The text on plug should be **facing out**.
 - Blue/Black wires should be on the **right side**.



13. Connect the NEW power cable on the # TSDT-DCO-01 to the connector on the carrier.

14. Use the supplied (4) screws to attach the # TSDT-DCO-01 to the metal mounting carrier on the circuit pack.

** *TIP:* **DO NOT** use different screws. Tighten the screws closer to the front of the drive first to insure proper alignment.



15. Install the DCO MSDA 822010 circuit pack with the NEW TAG drive back into the shelf according to install & turn up procedures.

16. The # TSDT-DCO-01 includes a TAG Industrial Grade 4GB Compact Flash Card (# TSD-CF-04).



LED ACTIVITY LABEL	
RED BLINK = R/W ACTIVITY	GREEN BLINK = INSERT OR REMOVE CF CARD
RED SOLID = TROUBLE	