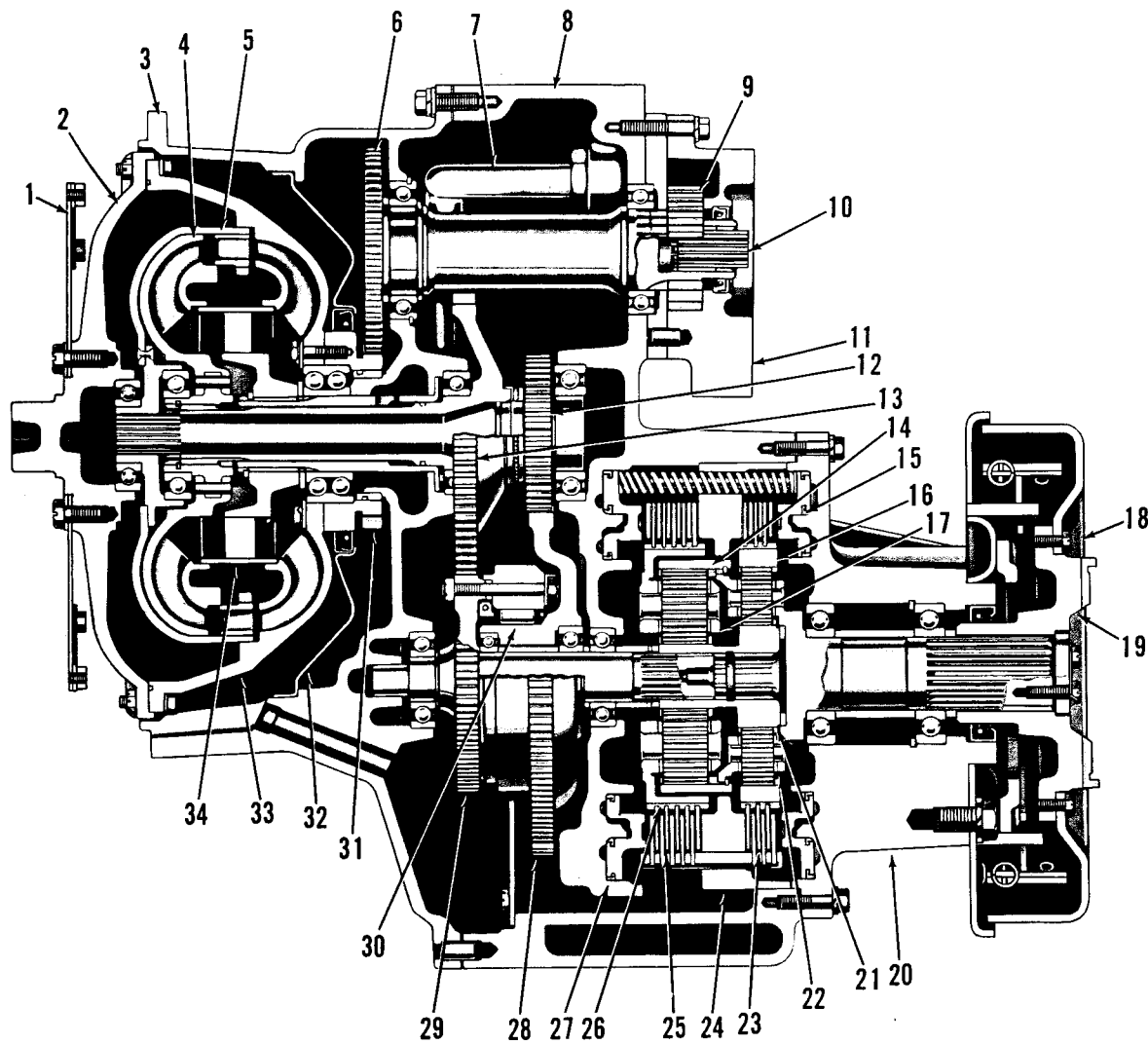
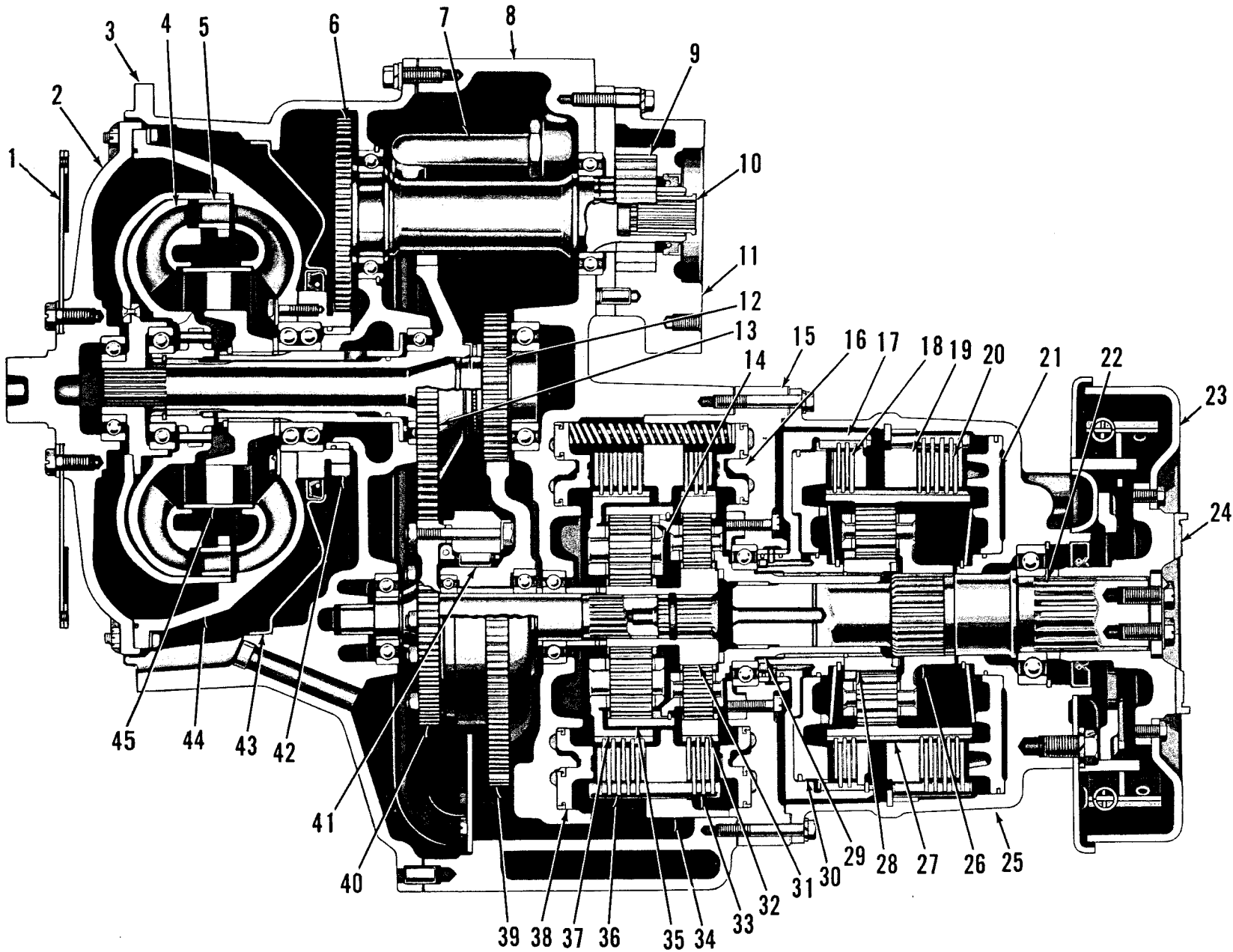




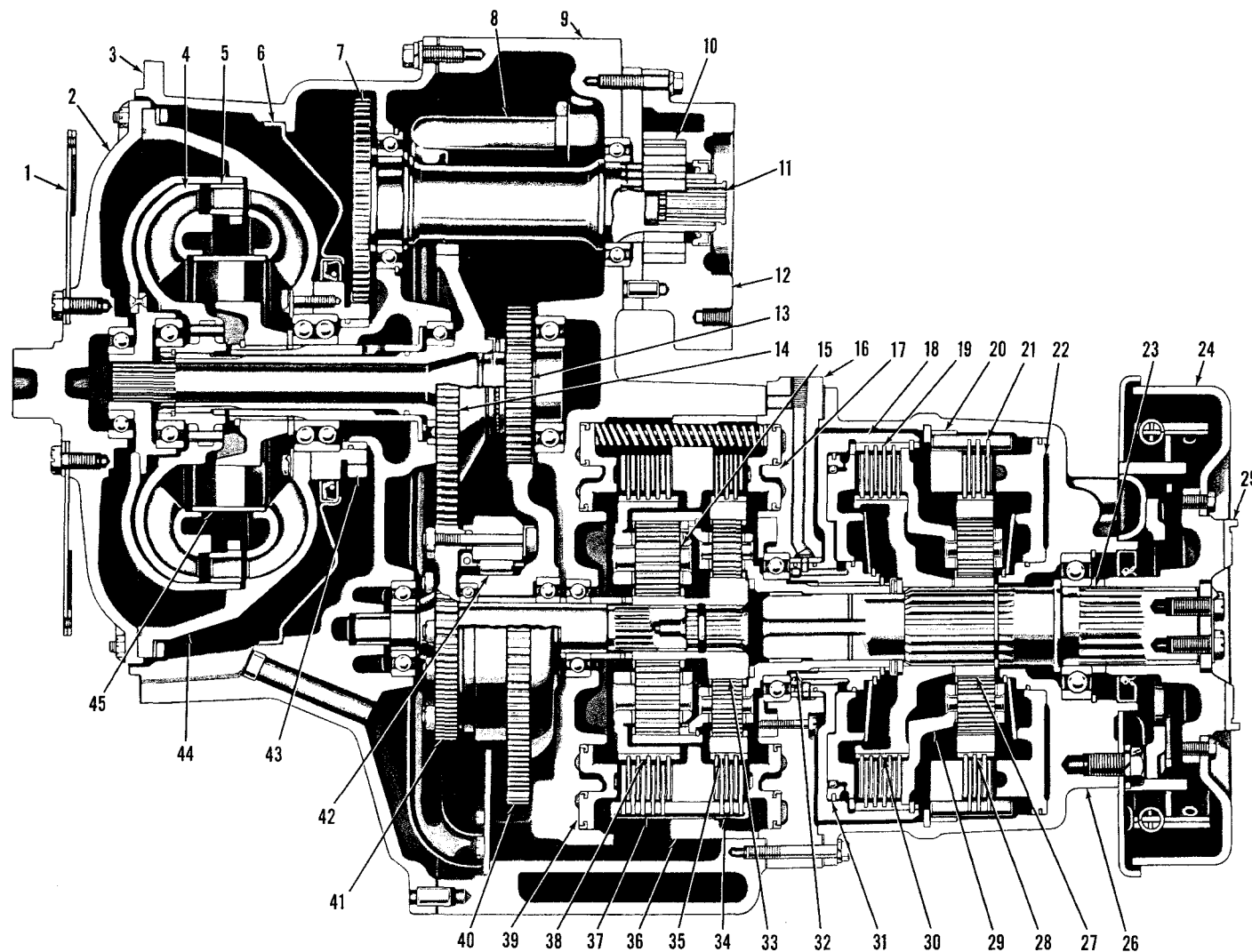
Foldout 2. TRT 2211-3 Powershift transmission—cross-sectional view

- 1 - Flex disk drive
- 2 - Converter cover
- 3 - Converter housing
- 4 - Second turbine
- 5 - First turbine
- 6 - Accessory driven gear
- 7 - Oil suction tube
- 8 - Transmission housing
- 9 - Oil pump drive gear
- 10 - Accessory drive coupling
- 11 - Accessory mounting pad
- 12 - First-turbine drive gear
- 13 - Second-turbine drive gear
- 14 - Reverse planetary carrier
- 15 - Rear output housing adapter
- 16 - Forward clutch piston
- 17 - High-range clutch drum
- 18 - High-range clutch
- 19 - Low-range clutch anchor
- 20 - Low-range clutch
- 21 - Low-range clutch piston
- 22 - Transmission output shaft
- 23 - Parking brake
- 24 - Output flange
- 25 - Rear housing
- 26 - Low-range planetary carrier
- 27 - Low-range ring gear
- 28 - Low-range sun gear
- 29 - Forward planetary carrier
- 30 - High-range clutch piston
- 31 - Forward, reverse sun gear
- 32 - Forward ring gear
- 33 - Forward clutch
- 34 - Forward, reverse clutch anchor
- 35 - Reverse ring gear
- 36 - Reverse clutch
- 37 - Reverse clutch hub
- 38 - Reverse clutch piston
- 39 - First-turbine driven gear
- 40 - Second-turbine driven gear
- 41 - Freewheel clutch
- 42 - Accessory drive gear
- 43 - Diaphragm
- 44 - Converter pump
- 45 - Converter stator



Foldout 3. TRT 2221-3 Powershift transmission (underdrive)—cross-sectional view

- | | |
|--------------------------------|-------------------------------------|
| 1 - Flex disk drive | 24 - Parking brake |
| 2 - Torque converter cover | 25 - Output flange |
| 3 - Converter housing | 26 - Rear housing |
| 4 - Second turbine | 27 - High-range sun gear |
| 5 - First turbine | 28 - High-range ring gear |
| 6 - Diaphragm | 29 - High-range planetary carrier |
| 7 - Accessory driven gear | 30 - Low-range clutch hub |
| 8 - Oil suction tube | 31 - Low-range clutch piston |
| 9 - Transmission housing | 32 - Forward planetary carrier |
| 10 - Oil pump drive gear | 33 - Forward, reverse sun gear |
| 11 - Adapter coupling | 34 - Forward clutch |
| 12 - Accessory mounting pad | 35 - Forward ring gear |
| 13 - First-turbine drive gear | 36 - Forward, reverse clutch anchor |
| 14 - Second-turbine drive gear | 37 - Reverse clutch |
| 15 - Reverse planetary carrier | 38 - Reverse clutch hub |
| 16 - Adapter | 39 - Reverse clutch piston |
| 17 - Forward clutch piston | 40 - First-turbine driven gear |
| 18 - Low-range clutch drum | 41 - Second-turbine driven gear |
| 19 - Low-range clutch | 42 - Freewheel clutch |
| 20 - High-range clutch anchor | 43 - Accessory drive gear |
| 21 - High-range clutch | 44 - Torque converter pump |
| 22 - High-range clutch piston | 45 - Torque converter stator |
| 23 - Output shaft | |



Foldout 4. TRT 2221-3 Powershift transmission (overdrive)—cross-sectional view

A

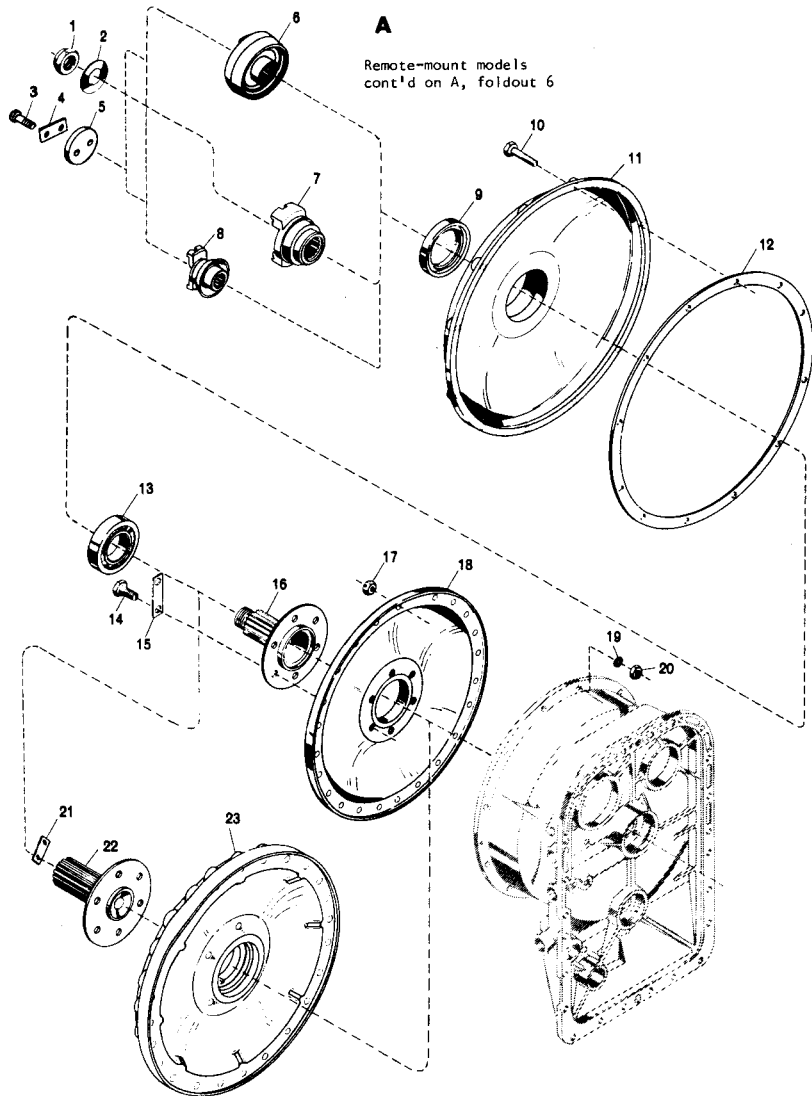
- | | |
|---------------------------------|-------------------------------------|
| 1 - Flange retaining nut | 13 - Ball bearing |
| 2 - Flange washer | 14 - Bolt, 1/2-13 x 1 1/8 (6) |
| 3 - Bolt, 3/8-24 x 1 1/8 (2) | 15 - Lockstrip (3) |
| 4 - Lockstrip | 16 - Input shaft, external threaded |
| 5 - Flange washer | 17 - Self-locking nut, 5/16-24 (24) |
| 6 - Torqmatic coupling assembly | 18 - Torque converter cover |
| 7 - Flange | 19 - Lockwasher, 3/8 (12) |
| 8 - Flange assembly | 20 - Nut, 3/8-24 (12) |
| 9 - Seal | 21 - Shim, 0.005 and 0.025 thk (AR) |
| 10 - Bolt, 3/8-24 x 2 (12) | 22 - Input shaft, internal threaded |
| 11 - Transmission front cover | 23 - Torque converter cover |
| 12 - Front cover gasket | |

B

- | | |
|---|-----------------------------------|
| 1 - Converter drive ring | 9 - Flex disk assembly |
| 2 - Twelve-point bolt, 3/8-16 x 1 1/4 (8) | 10 - Nut, 5/16-24 (24) |
| 3 - Sealring | 11 - Torque converter cover |
| 4 - Nut, 5/16-24 (24) | 12 - Sealring |
| 5 - Torque converter cover | 13 - Converter diaphragm assembly |
| 6 - Self-locking bolt, 1/2-13 x 7/8 (6) | 14 - Oil seal |
| 7 - Flex disk plate | 15 - Converter diaphragm |
| 8 - Flex disk (3) | 16 - Plug |

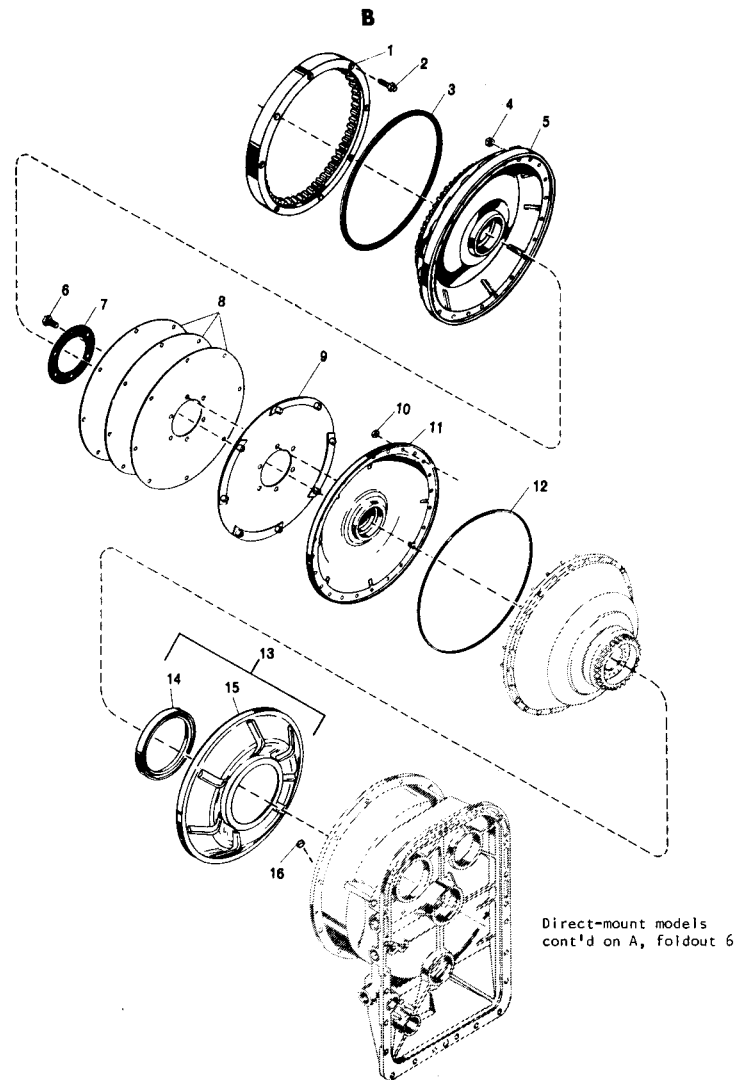
TRT 2001 SERIES TRANSMISSION

FOLDOUT 5



A, foldout 5. Transmission front cover and remote input drive—exploded view

9812



B, foldout 5. Gear and flex disk input drives and diaphragm—exploded view

8217A

- 1 - Ball bearing
- 2 - First-and-second turbine assembly
- 3 - First-turbine support
- 4 - First turbine
- 5 - Pin:
 - TRT 2201 models (6)
 - TRT 2401 models (9)
- 6 - Ball bearing
- 7 - Internal snapping
- 8 - Second turbine
- 9 - External snapping
- 10 - Torque converter stator

A

- 11 - Spacer
- 12 - Bolt, 1/4-28 x 1 1/4 (12)
- 13 - Lockstrip (6)
- 14 - Torque converter pump bearing
retainer
- 15 - Torque converter pump assembly
- 16 - Bolt, 5/16-24 x 1.30 (24)
- 17 - Torque converter pump gasket
- 18 - Double-row ball bearing
- 19 - Input accessory drive gear
- 20 - Step-joint sealring

B

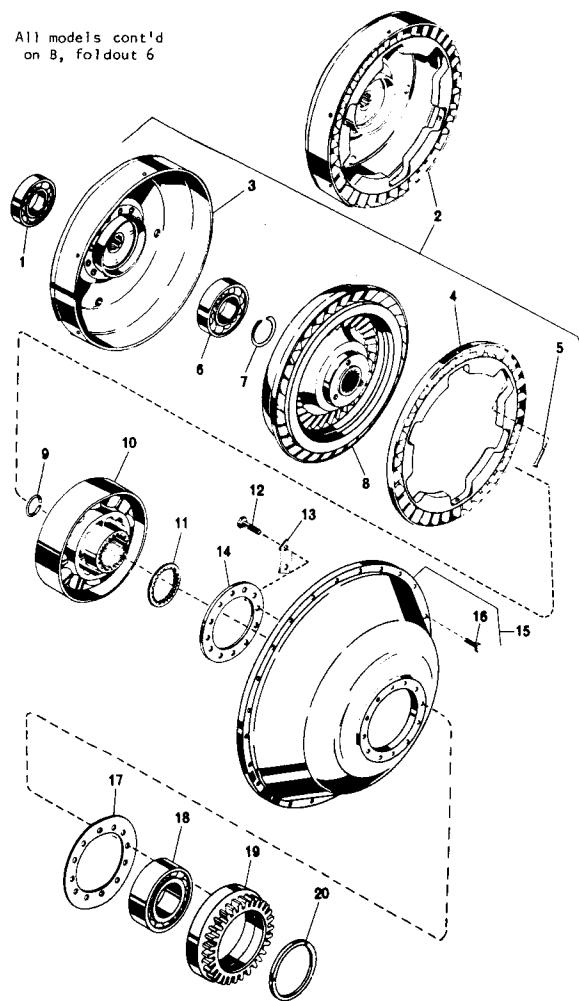
- 1 - Accessory drive gear
- 2 - Accessory driven gear
- 3 - Bolt, 7/16-14 x 1 3/8 (23)
- 4 - Lockwasher, 7/16 (23)
- 5 - Flat washer, 7/16 (23)
- 6 - Ball bearing
- 7 - External snapping
- 8 - Accessory drive shaft
- 9 - Ball bearing
- 10 - Ball bearing
- 11 - External snapping
- 12 - Ball bearing
- 13 - Converter ground sleeve
- 14 - Self-locking bolt, 5/16-18 x 3/4 (4)
- 15 - Step-joint sealring
- 16 - Ball bearing
- 17 - Second-turbine drive gear
- 18 - Valve guide pin
- 19 - Lubrication regulator valve spring
- 20 - Lubrication regulator valve
- 21 - Valve guide pin
- 22 - Converter pressure regulator
valve spring
- 23 - Converter pressure regulator valve
- 24 - Step-joint sealring
- 25 - Thrust race
- 26 - Thrust roller bearing
- 27 - Thrust race
- 28 - First-turbine drive gear
- 29 - Ball bearing
- 30 - Lubrication bypass tube
- 31 - External thermostat adapter assembly
- 32 - Thermostat adapter
- 33 - Connector
- 34 - Thermostat assembly
- 35 - Sealring
- 36 - Converter housing assembly
- 37 - Pipe plug, 3/4 NPTF
- 38 - Converter housing
- 39 - Plug, 1/2-14 PTF
- 40 - Converter housing sleeve
- 41 - Converter housing dowel pin (2)
- 42 - Flat washer, 7/16
- 43 - Lockwasher, 7/16
- 44 - Bolt, 7/16-14 x 2 3/4

TRT 2001 SERIES TRANSMISSION

FOLDOUT 6

A

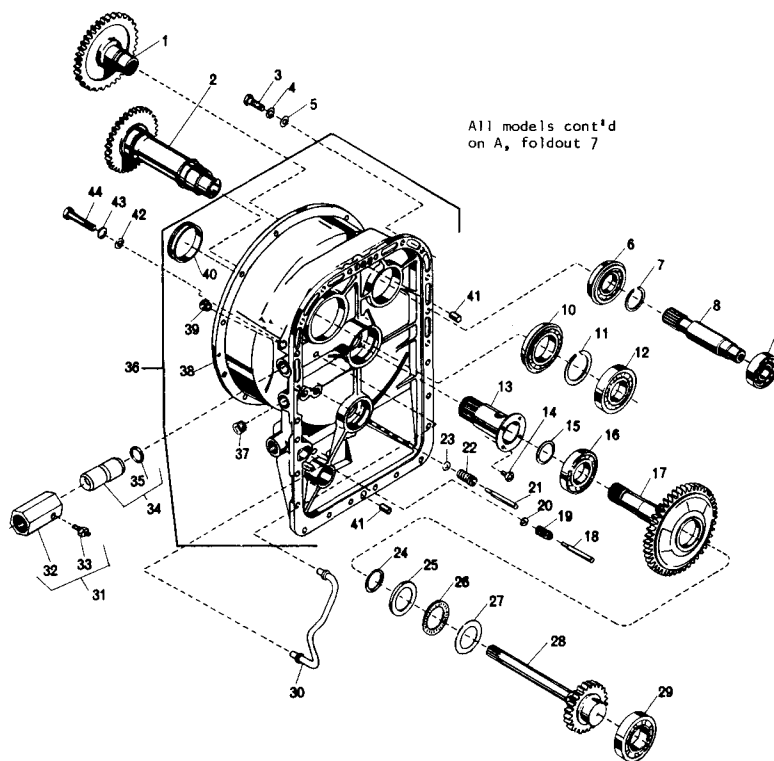
All models cont'd
on B, foldout 6



A, foldout 6. Torque converter—exploded view

B

All models cont'd
on A, foldout 7



B, foldout 6. Torque converter housing—exploded view

- 1 - Ball bearing
- 2 - Self-locking nut, 3/8-24 (12)
- 3 - Second-turbine driven gear
- 4 - Ball bearing
- 5 - Spring retainer plate
- 6 - Spring guide pin (3)
- 7 - Spring (3)
- 8 - Freewheel roller cage
- 9 - Freewheel roller (15)
- 10 - Freewheel cam assembly

A

- 11 - Index pin
- 12 - Freewheel cam
- 13 - Retainer plate
- 14 - Square-head bolt, 3/8-24 x 3 (12)
- 15 - First-turbine driven gear
- 16 - Bearing spacer
- 17 - Ball bearing
- 18 - Bearing spacer
- 19 - Ball bearing

- 1 - Self-locking bolt, 3/8-16 x 5/8
Self-locking bolt, 3/8-16 x 3/4 *
- 2 - Suction tube
- 3 - Male nut, 1 3/4-14
- 4 - Sealring
- 5 - Transmission housing gasket
- 6 - Remote filter plug
- 7 - Plug, 3/4-14 NPTF
- 8 - Transmission housing
- 9 - Breather
- 10 - Cup plug
- 11 - Accessory drive cup plug
- 12 - Oil seal
- 13 - Bolt, 3/8-16 x 7/8 (6)
- 14 - Lockwasher, 3/8 (6)

B

- 15 - Core hole cover
- 16 - Gasket
- 17 - Drain plug, 3/4-14 NPTF
- 18 - Drive screw, no. 4 x 1/4 (4)
- 19 - Nameplate
- 20 - Bolt, 3/8-16 x 7/8 (6)
- 21 - Lockwasher, 3/8 (6)
- 22 - Oil strainer assembly
- 23 - Gasket
- 24 - Anchor pin
- 25 - Oil filler plug
- 26 - Oil level add plug
- 27 - Oil level full plug

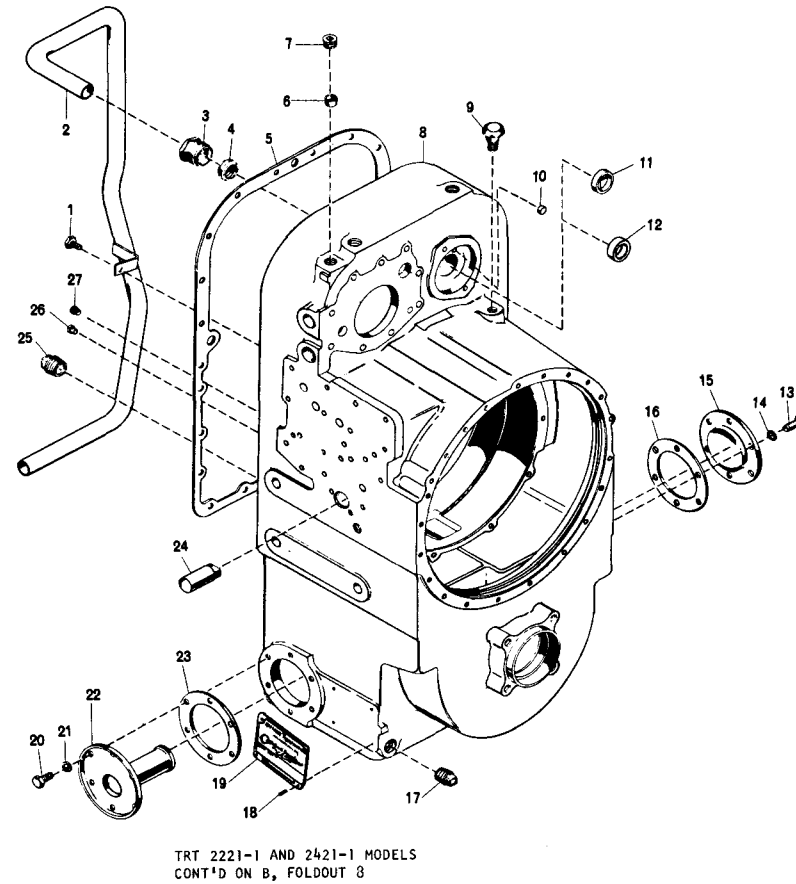
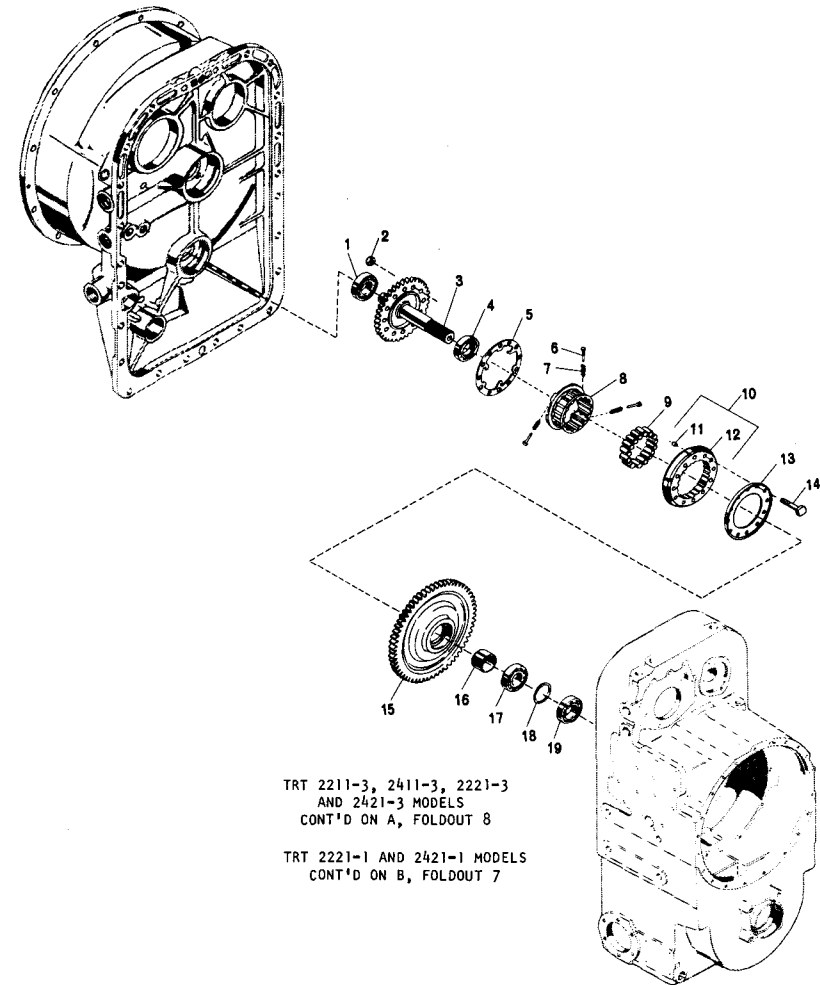
*Later models

TRT 2001 SERIES TRANSMISSION

FOLDOUT 7

A

B



A

- | | |
|-----------------------------------|---|
| 1 - Oil suction tube | 17 - Lockwasher, 3/8 (2) |
| 2 - Sealring | 18 - Bolt, 3/8-16 x 3/4 (2) |
| 3 - Male nut, 1 3/4-14 | 19 - Oil level add plug |
| 4 - Sealring | 20 - Oil level full plug |
| 5 - Transmission housing gasket | 21 - Oil level tube |
| 6 - Remote filter plug | 22 - Oil level tube |
| 7 - Plug, 3/4-14 NPTF | 23 - Oil drain plug, 3/4 NPTF |
| 8 - Breather | 24 - Oil filler plug |
| 9 - Cup plug | 25 - Anchor pin |
| 10 - Nameplate | 26 - Transmission housing assembly |
| 11 - Drive screw, no. 4 x 1/4 (4) | 27 - Transmission housing |
| 12 - Accessory drive cup plug | 28 - Plug (2) |
| 13 - Oil seal | 29 - Baffle plate |
| 14 - Oil strainer | 30 - Self-locking bolt, 5/16-18 x 5/8 (3) |
| 15 - Sealring | 31 - Self-locking bolt, 5/16-18 x 5/8 |
| 16 - Oil strainer cover | |

B

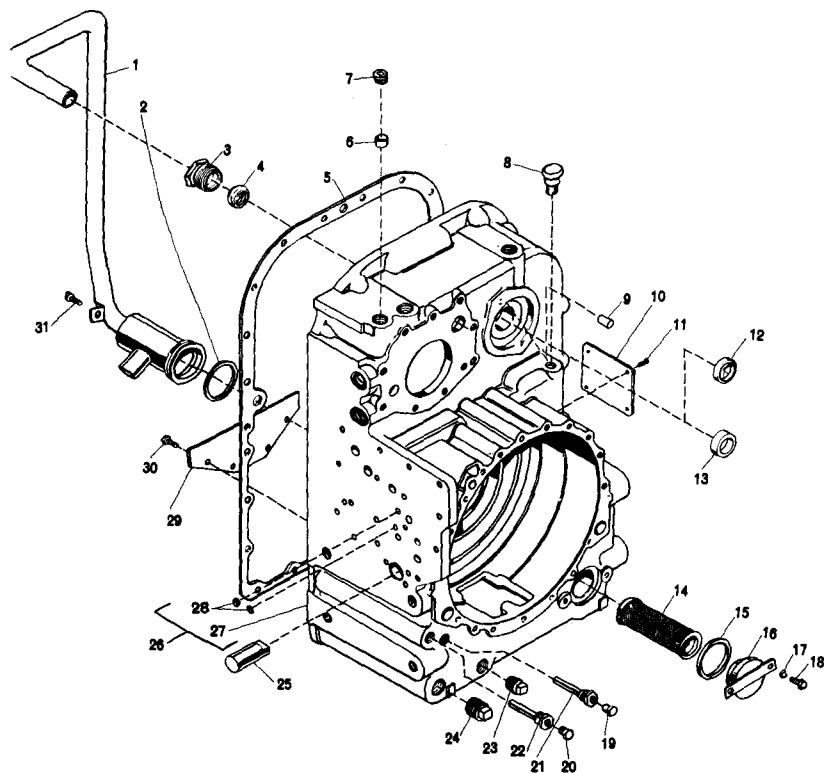
- | | |
|--|---|
| 1 - Piston sealring | 13 - Spindle (4) |
| 2 - Piston sealring | 14 - Reverse planetary carrier |
| 3 - Piston sealring | 15 - Forward and reverse sun gear |
| 4 - Reverse clutch piston | 16 - External-tanged clutch plate |
| 5 - External-tanged clutch plate (4) | 17 - Internal-splined clutch plate |
| 6 - Internal-splined clutch plate (4) | 18 - Forward and reverse clutch anchor assembly |
| 7 - Spacer | 19 - Anchor |
| 8 - Reverse planetary carrier assembly | 20 - Pin (6) |
| 9 - Thrust washer (4) | 21 - Piston return spring (12) |
| 10 - Pinion (matched set of 4) | 22 - Return spring pin (12) |
| 11 - Roller (88) | |
| 12 - Thrust washer (4) | |

TRT 2001 SERIES TRANSMISSION

FOLDOUT 8

TRT 2211-3, 2411-3, 2221-3
and 2421-3 models cont'd
on B, foldout 8

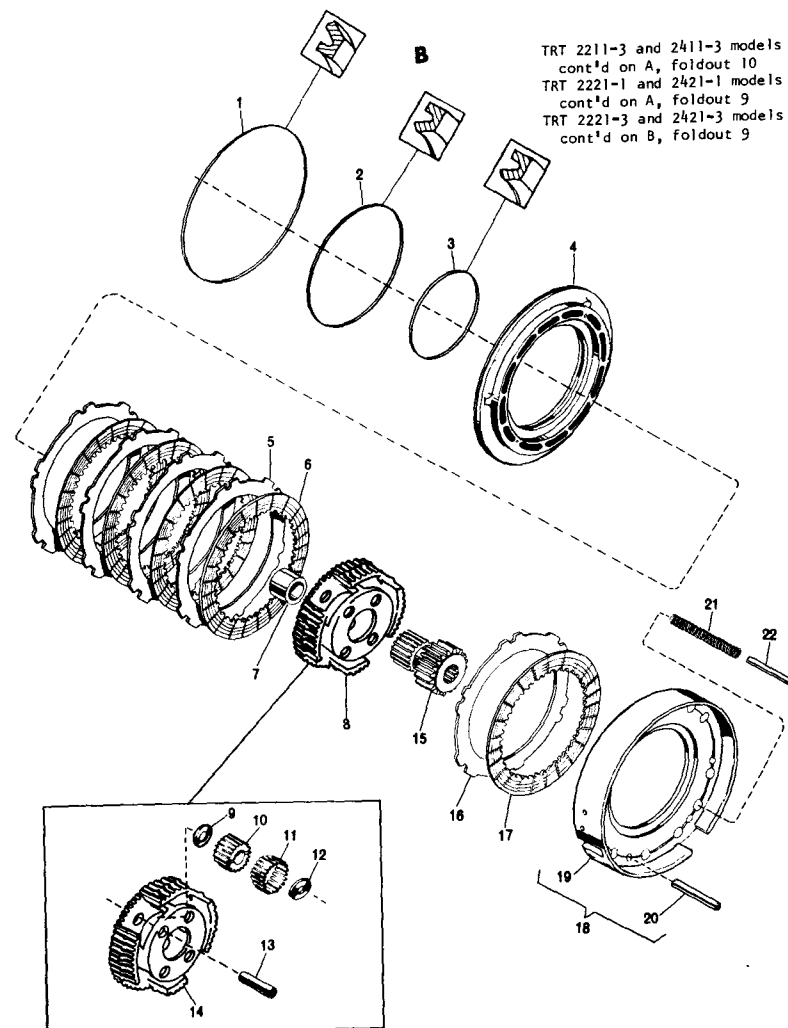
A



A, foldout 8. Transmission housing (-3 model)—exploded view

B

TRT 2211-3 and 2411-3 models
cont'd on A, foldout 10
TRT 2221-1 and 2421-1 models
cont'd on A, foldout 9
TRT 2221-3 and 2421-3 models
cont'd on B, foldout 9



B, clutch and planetary—exploded view

A

- | | |
|--|---|
| 1 - Reverse planetary ring gear | 13 - External-tanged clutch plate (2) |
| 2 - Thrust washer | 14 - Forward planetary ring gear |
| 3 - Forward planetary carrier assembly | 15 - Internal-splined clutch plate (2)* |
| 4 - Spindle (6) | 16 - External-tanged clutch plate (2)* |
| 5 - Thrust washer (6) | 17 - Forward clutch piston |
| 6 - Roller (120) | 18 - Piston sealring |
| 7 - Pinion (matched set of 6) | 19 - Piston sealring |
| 8 - Thrust washer (6) | 20 - Piston sealring |
| 9 - Carrier | 21 - Forward clutch piston housing |
| 10 - Thrust washer | 22 - Self-locking bolt, 3/8-16 x 1 3/4 (10) |
| 11 - Internal snapping | (earlier models, 3/8-16 x 1 1/2 (10)) |
| 12 - Internal-splined clutch plate (2) | 23 - Plug, 1/8 |

*Prior to S/N 37312 only one plate

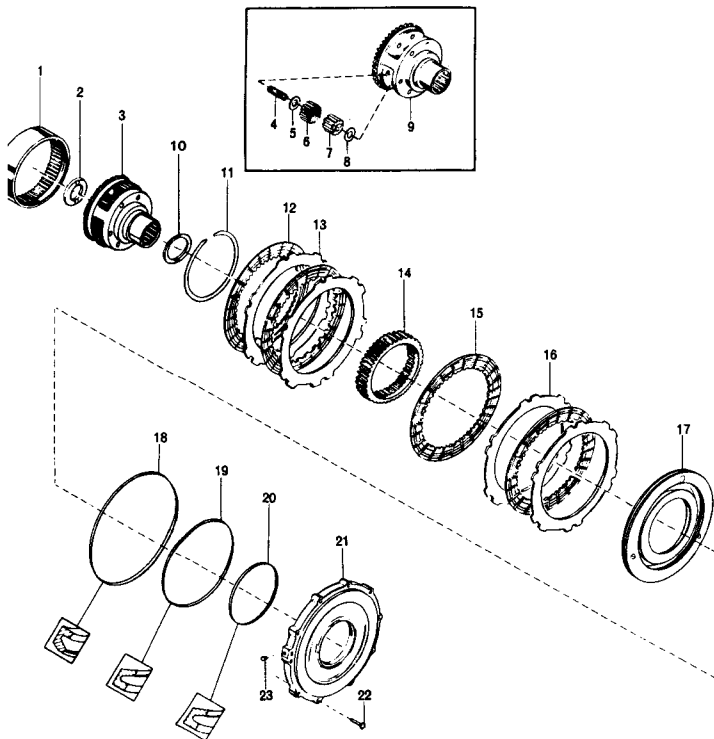
B

- | | |
|--|--|
| 1 - Reverse planetary ring gear | 21 - Bearing retainer |
| 2 - Thrust washer | 22 - Ball bearing |
| 3 - Forward planetary carrier assembly
(underdrive model) | 23 - Adapter gasket |
| 4 - Bushing | 24 - Adapter assembly |
| 5 - Carrier | 25 - Plug, 1/4 (2) |
| 6 - Spindle (6) | 26 - Adapter |
| 7 - Thrust washer (6) | 27 - Sleeve |
| 8 - Roller (120) | 28 - Self-locking bolt,
3/8-24 x 1 1/4 (6) |
| 9 - Pinion (matched set of six) | 29 - Twelve-point bolt,
3/8-16 x 1 3/4 (2) |
| 10 - Thrust washer (6) | 30 - Forward planetary carrier assembly
(overdrive model) |
| 11 - Internal snapping | 31 - Bushing |
| 12 - Internal-splined clutch plate (2) | 32 - Carrier |
| 13 - External-tanged clutch plate (2) | 33 - Spindle (6) |
| 14 - Forward planetary ring gear | 34 - Thrust washer (6) |
| 15 - Internal-splined clutch plate | 35 - Roller (120) |
| 16 - External-tanged clutch plate | 36 - Pinion (matched set of six) |
| 17 - Forward clutch piston | 37 - Thrust washer (6) |
| 18 - Piston sealring | |
| 19 - Piston sealring | |
| 20 - Piston sealring | |

TRT 2001 SERIES TRANSMISSION

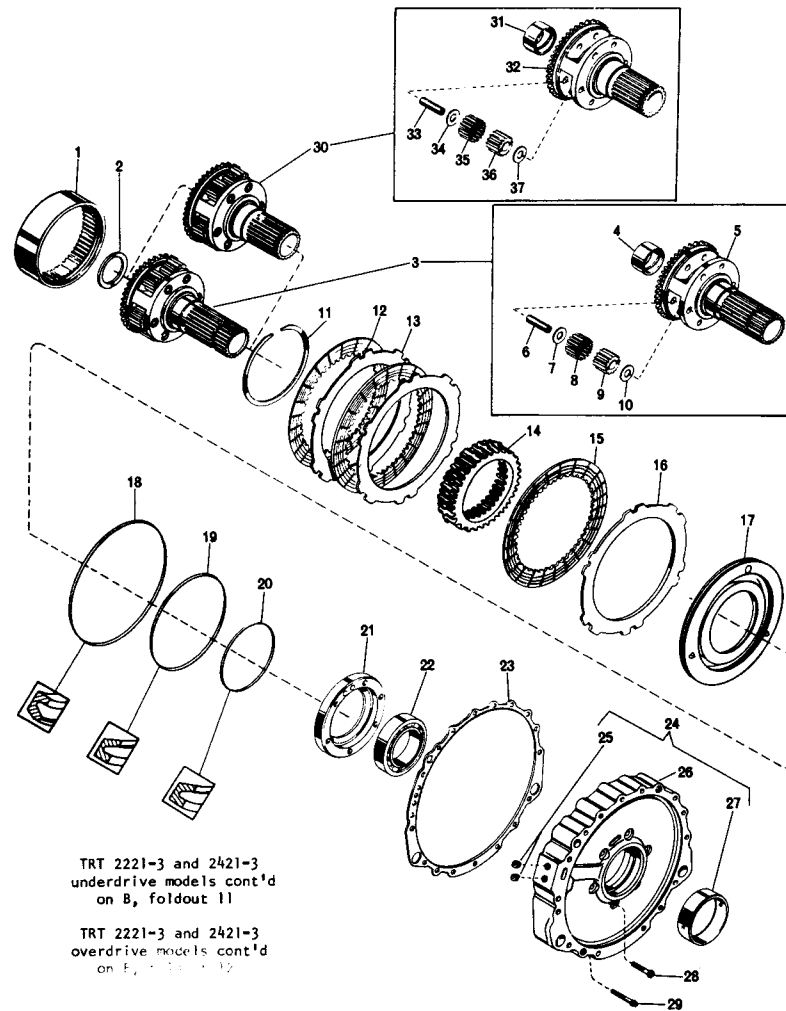
FOLDOUT 9

A



TRT 2221-1 and 2421-1 models
cont'd on B, foldout 10

B



TRT 2221-3 and 2421-3
underdrive models cont'd
on B, foldout 11

TRT 2221-3 and 2421-3
overdrive models cont'd
on B, foldout 12

A

- 1 - Reverse planetary ring gear
- 2 - Thrust washer
- 3 - Forward planetary carrier assembly
- 4 - Carrier
- 5 - Spindle (6)
- 6 - Thrust washer (6)
- 7 - Roller (120)
- 8 - Pinion (matched set of six)
- 9 - Thrust washer (6)
- 10 - Internal snapping
- 11 - Ball bearing
- 12 - Spacer
- 13 - Internal-splined clutch plate (2)
- 14 - External-tanged clutch plate (2)
- 15 - Forward planetary ring gear
- 16 - Internal-splined clutch plate
- 17 - External-tanged clutch plate
- 18 - Forward clutch piston
- 19 - Piston sealring
- 20 - Piston sealring
- 21 - Piston sealring
- 22 - Internal snapping
- 23 - Ball bearing
- 24 - Spacer

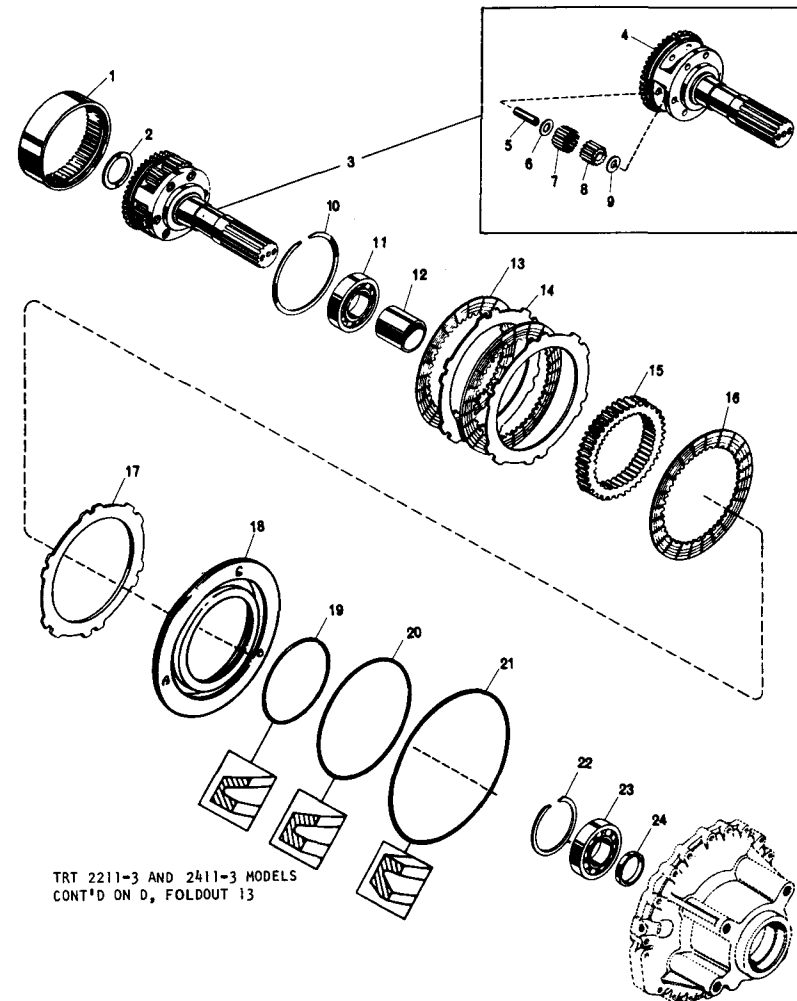
B

- 1 - Ball bearing
- 2 - External snapping
- 3 - Transfer drive gear
- 4 - Ball bearing
- 5 - Adapter gasket
- 6 - Adapter sealring
- 7 - Adapter assembly
- 8 - Adapter
- 9 - Sleeve
- 10 - Bolt, 3/8-16 x 1 1/8 (16)
- 11 - Lockwasher, 3/8 (16)
- 12 - Sealring (2)
- 13 - Low-range clutch drum assembly
- 14 - Pin (4)
- 15 - Clutch drum
- 16 - Sealring expander
- 17 - Clutch piston outer sealring
- 18 - Clutch piston inner sealring
- 19 - Low-range clutch piston
- 20 - Clutch piston return spring
- 21 - External snapping
- 22 - Sleeve assembly
- 23 - Bushing
- 24 - Sleeve
- 25 - External snapping
- 26 - Internal-splined clutch plate
- 27 - External-splined clutch plate
- 28 - High-range clutch ring gear
- 29 - Internal-splined clutch plate (3)
- 30 - External-splined clutch plate (2)
- 31 - Low-range clutch back plate
- 32 - Internal snapping

TRT 2001 SERIES TRANSMISSION

FOLDOUT 10

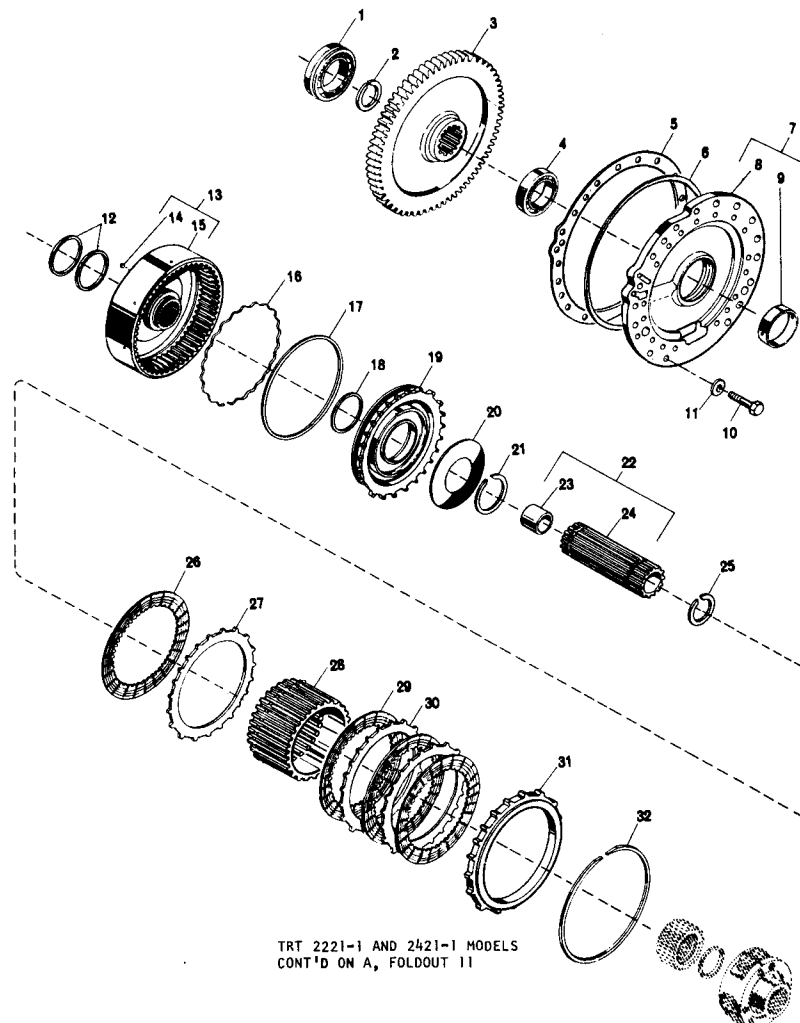
A



A, foldout 10. Forward clutch and planetary (TRT 2211-3, 2411-3)—exploded view

9841

B



B, foldout 10. Low-range clutch and transfer drive gear (-1 model)—exploded view

4359A

A

- | | |
|--|--|
| 1 - High-range planetary carrier sun gear assembly | 12 - High-range clutch anchor assembly |
| 2 - Sun gear | 13 - Anchor |
| 3 - Thrust washer | 14 - Pin (short) (4) |
| 4 - High-range planetary carrier assembly | 15 - Pin (long) (2) |
| 5 - Carrier | 16 - Internal-splined clutch plate (5) |
| 6 - Thrust washer (6) | 17 - External-tanged clutch plate (5) |
| 7 - Pinion (matched set of six pinions) | 18 - External snapping |
| 8 - Roller (96) | 19 - Clutch piston return spring |
| 9 - Spindle (6) | 20 - Sealring expander |
| 10 - Thrust washer (6) | 21 - Clutch piston outer sealring |
| 11 - Internal snapping | 22 - Clutch piston inner sealring |
| | 23 - High-range clutch piston |

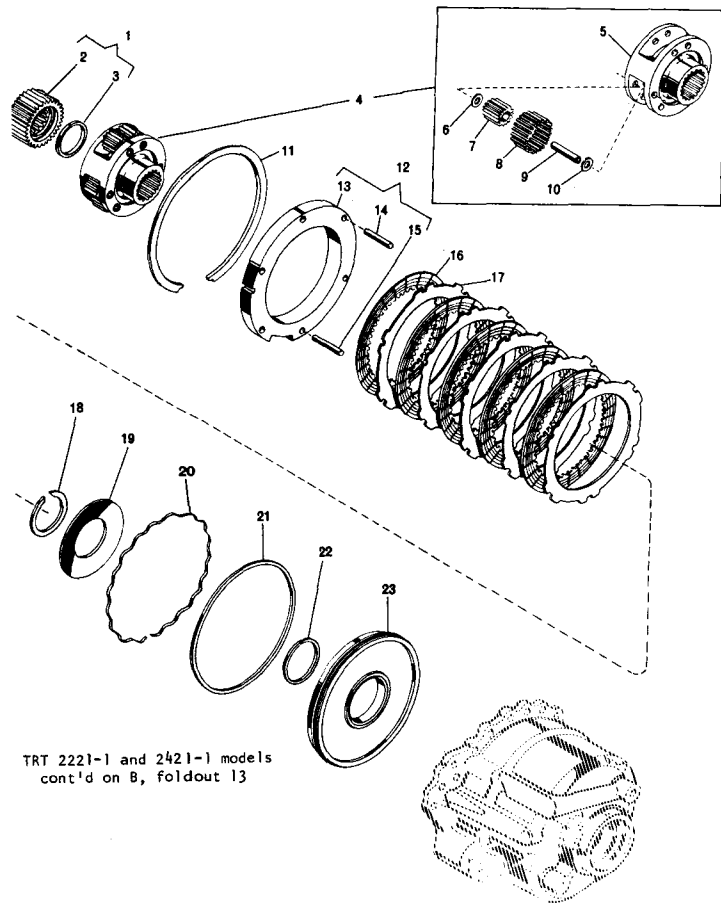
B

- | | |
|-------------------------------------|--|
| 1 - Sealring (2) | 10 - External snapping |
| 2 - High-range clutch drum assembly | 11 - External snapping |
| 3 - Pin (4) | 12 - Internal-splined clutch plate |
| 4 - Clutch drum | 13 - External-splined clutch plate |
| 5 - Sealring expander | 14 - Low-range clutch ring gear |
| 6 - Clutch piston outer sealring | 15 - Internal-splined clutch plate (2) |
| 7 - Clutch piston inner sealring | 16 - External-splined clutch plate |
| 8 - High-range clutch piston | 17 - High-range clutch back plate |
| 9 - Clutch piston return spring | 18 - Internal snapping |

TRT 2001 SERIES TRANSMISSION

FOLDOUT 11

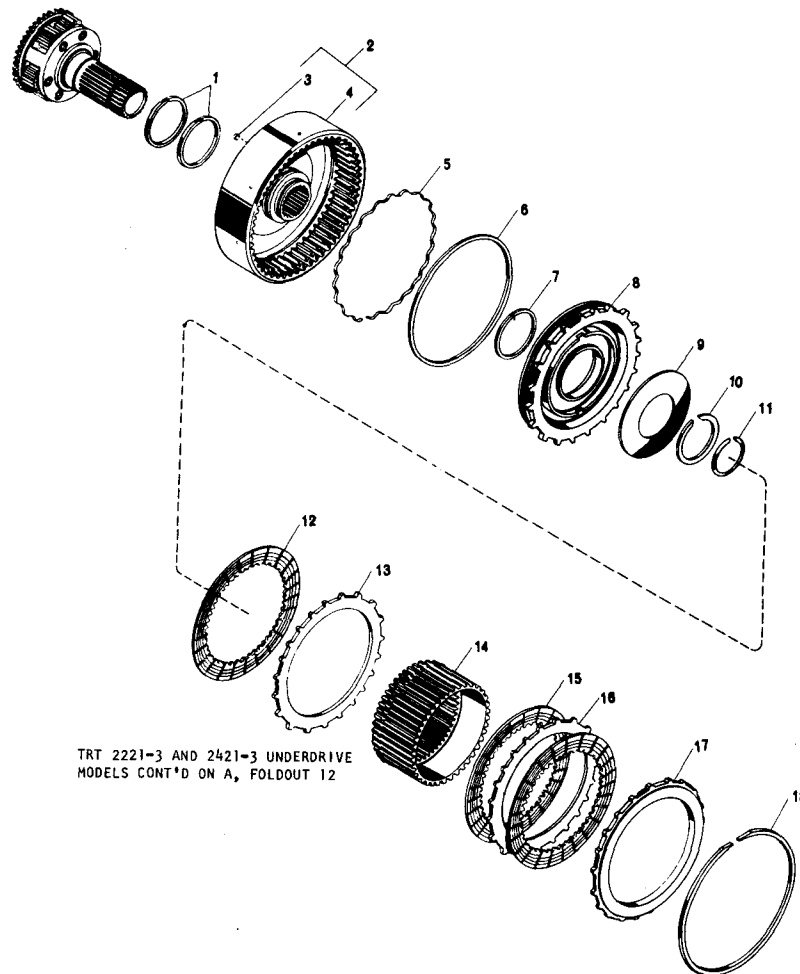
A



4357

A, foldout 11. High-range clutch and planetary (-1 model)—exploded view

B



4295A

B, foldout 12. TRT 2221-3, 2421-3 underdrive model—exploded view

A

- | | |
|---|--|
| 1 - Low-range planetary carrier sun gear assembly | 12 - Low-range clutch anchor assembly |
| 2 - Sun gear | 13 - Anchor |
| 3 - Thrust washer | 14 - Pin (long) (2) |
| 4 - Low-range planetary carrier assembly | 15 - Pin (short) (4) |
| 5 - Carrier | 16 - Internal-splined clutch plate (5) |
| 6 - Thrust washer (6) | 17 - External-tanged clutch plate (5) |
| 7 - Pinion (matched set of six pinions) | 18 - External snapping |
| 8 - Roller (96) | 19 - Clutch piston return spring |
| 9 - Spindle (6) | 20 - Sealing expander |
| 10 - Thrust washer (6) | 21 - Clutch piston outer sealing |
| 11 - Internal snapping | 22 - Clutch piston inner sealing |
| | 23 - Low-range clutch piston |

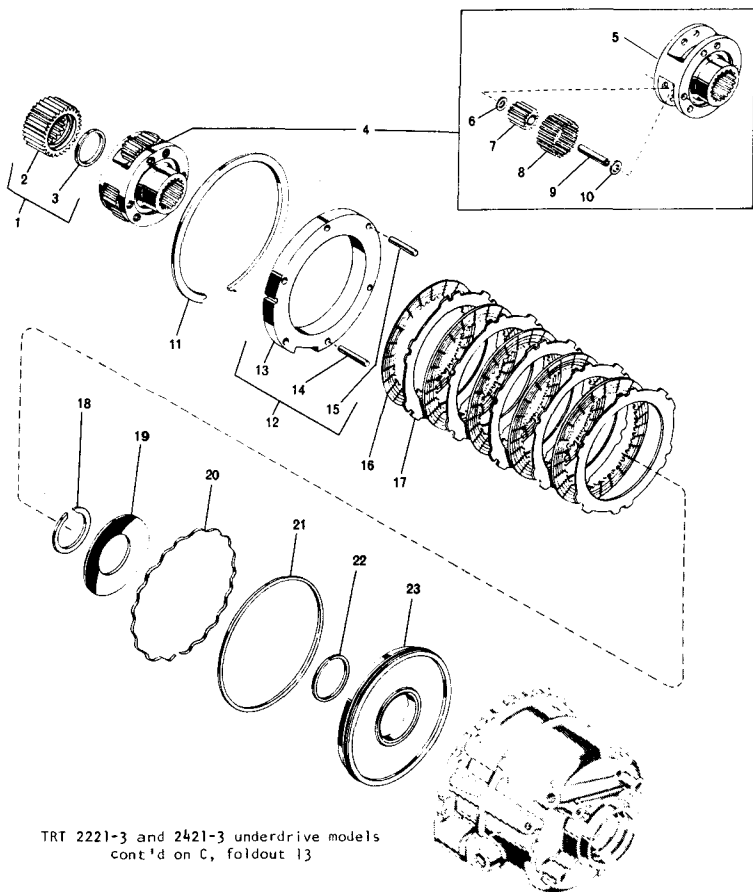
B

- | | |
|------------------------------------|--|
| 1 - Sealing (2) | 14 - Bearing rear thrust race |
| 2 - Low-range clutch drum assembly | 15 - Low-range clutch hub |
| 3 - Pin (4) | 16 - Internal-splined clutch plate (5) |
| 4 - Clutch drum | 17 - External-splined clutch plate (4) |
| 5 - Sealing expander | 18 - High-range planetary carrier assembly |
| 6 - Clutch piston outer sealing | 19 - Carrier |
| 7 - Clutch piston inner sealing | 20 - Spindle (6) |
| 8 - Low-range clutch piston | 21 - Thrust washer (6) |
| 9 - Clutch piston return spring | 22 - Roller (120) |
| 10 - External snapping | 23 - Pinion (matched set of six pinions) |
| 11 - External snapping | 24 - Thrust washer (6) |
| 12 - Bearing front thrust race | 25 - Internal snapping |
| 13 - Roller thrust race | |

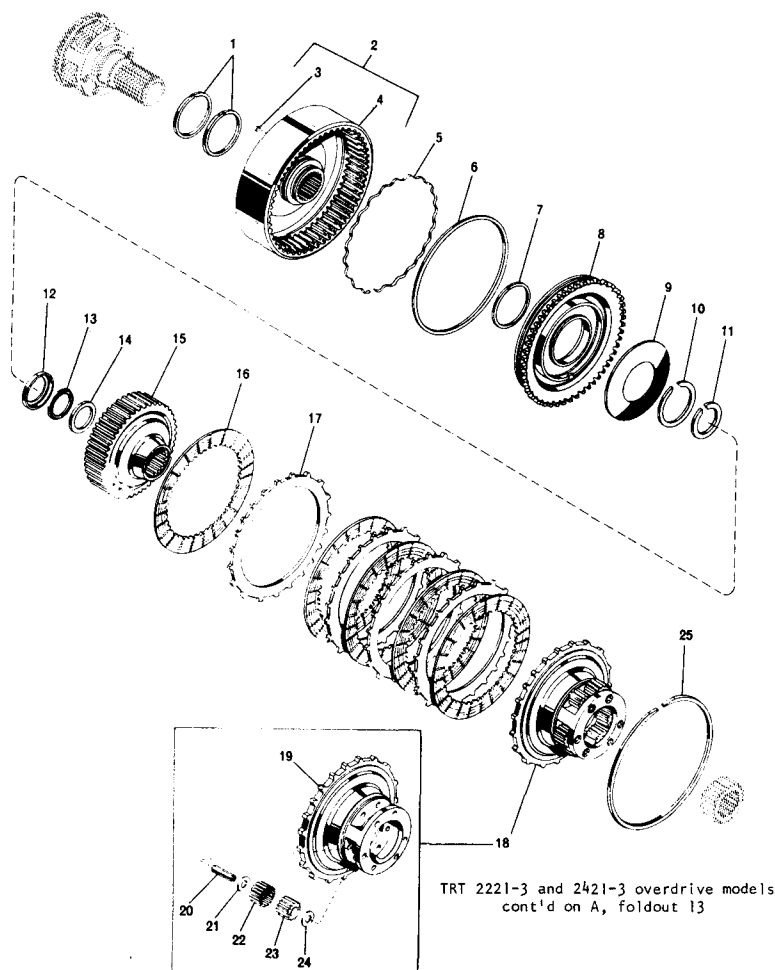
TRT 2001 SERIES TRANSMISSION

FOLDOUT 12

A



B



A

- | | |
|---------------------------------------|------------------------------------|
| 1 - High-range planetary sun gear | 10 - Internal-splined clutch plate |
| 2 - Internal snapping | 11 - External-tanged clutch plate |
| 3 - High-range clutch anchor assembly | 12 - External snapping |
| 4 - Anchor | 13 - Clutch piston return spring |
| 5 - Pin (long) (2) | 14 - Sealring expander |
| 6 - Pin (short) (4) | 15 - Clutch piston outer sealring |
| 7 - Internal-splined clutch plate (2) | 16 - Clutch piston inner sealring |
| 8 - External-tanged clutch plate (2) | 17 - High-range clutch piston |
| 9 - High-range planetary ring gear | |

B

- | | |
|-------------------------------------|-------------------------------|
| 1 - Rear housing gasket | 9 - Sealring |
| 2 - Rear housing | 10 - Oil retainer |
| 3 - Lockwasher, 3/8 (17) | 11 - Internal snapping |
| 4 - Bolt, 3/8-16 x 1 1/8 (17) | 12 - Clutch anchor pin |
| 5 - High- and low-range input shaft | 13 - Welch plug |
| 6 - Rear bearing | 14 - Plug, 1/4 |
| 7 - External snapping | 15 - Bolt, 3/8-16 x 1 1/2 (3) |
| 8 - Internal snapping | 16 - Lockwasher, 3/8 (3) |

C

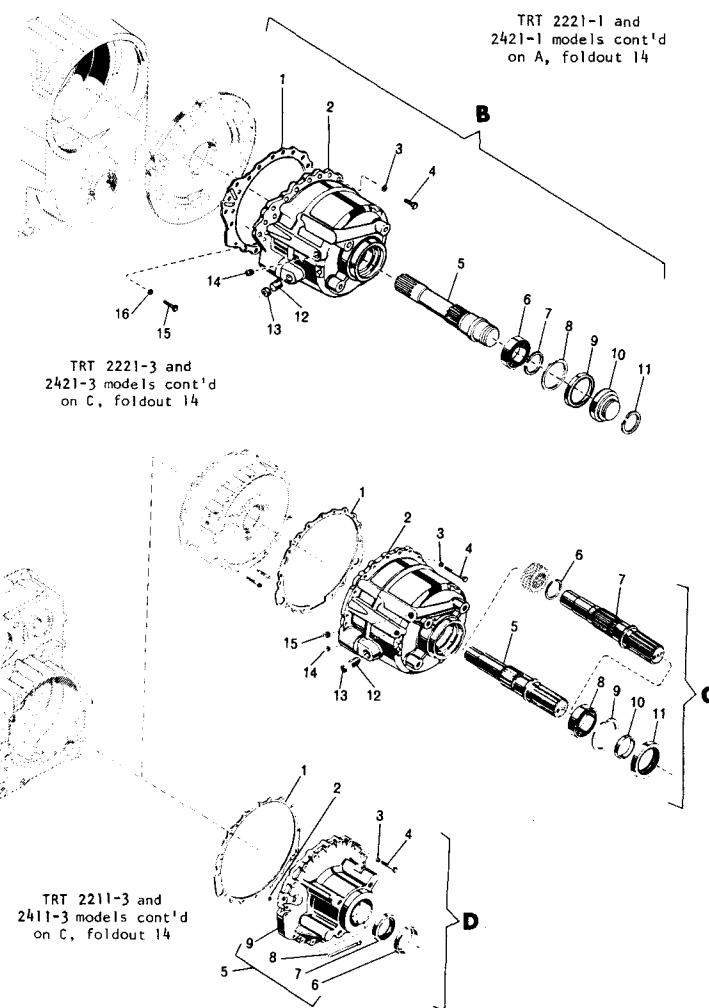
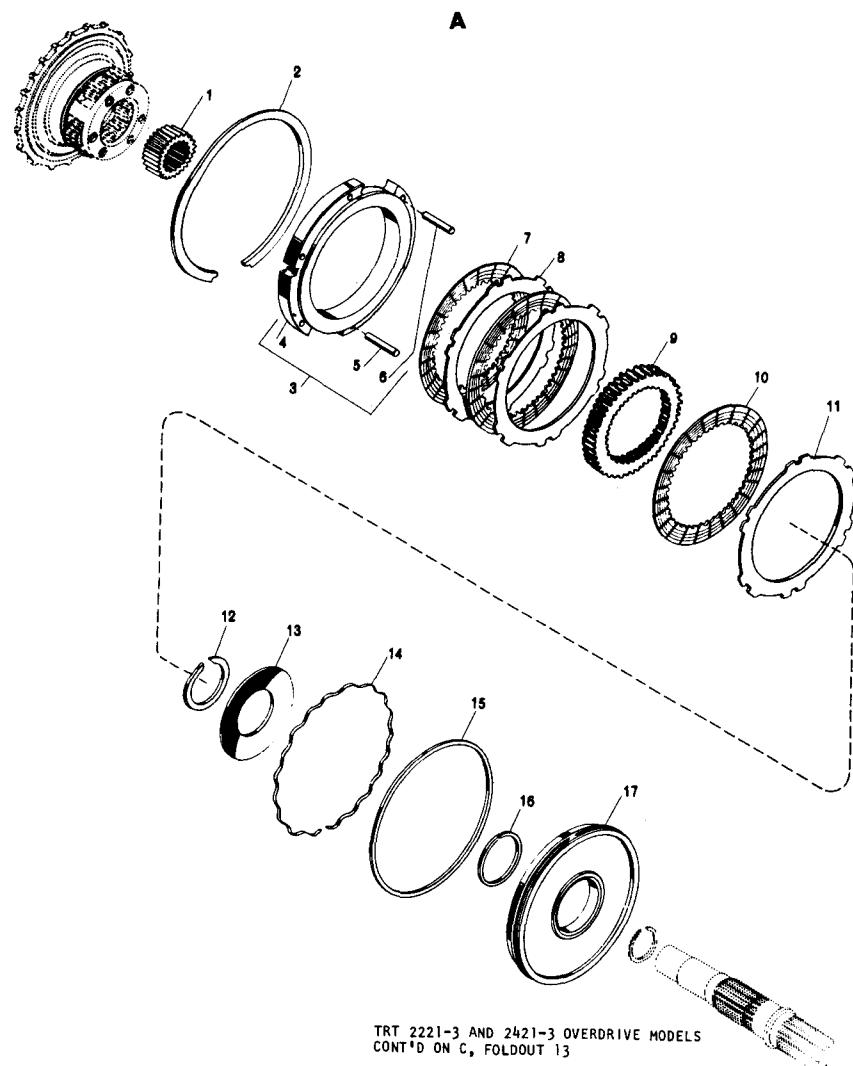
- | | |
|--------------------------------------|------------------------|
| 1 - Rear housing gasket | 9 - Internal snapping |
| 2 - Rear housing | 10 - Spacer |
| 3 - Lockwasher, 3/8 (15) | 11 - Oil seal |
| 4 - Bolt, 3/8-16 x 2 3/4 (15) | 12 - Clutch anchor pin |
| 5 - Output shaft (underdrive models) | 13 - Welch plug |
| 6 - External snapping | 14 - Plug, 1/4 |
| 7 - Output shaft (overdrive models) | 15 - Plug, 3/8 |
| 8 - Rear bearing | |

D

- | | |
|-------------------------------|--------------------|
| 1 - Rear housing gasket | 6 - Baffle |
| 2 - Plug, 1/8 | 7 - Oil seal |
| 3 - Lockwasher, 3/8 (18) | 8 - Oil drain tube |
| 4 - Bolt, 3/8-16 x 1 3/4 (18) | 9 - Rear housing |
| 5 - Rear housing assembly | |

TRT 2001 SERIES TRANSMISSION

FOLDOUT 13



A

- 1 - Flange nut
- 2 - Flange washer
- 3 - Front output flange
- 4 - Oil seal
- 5 - Internal snapping
- 6 - Front bearing
- *7 - Output shaft
- **8 - Front output shaft
- **9 - Detent ball (2)
- **10 - Detent spring
- **11 - Disconnect coupling
- *12 - Welch plug
- **13 - Oil seal
- **14 - Disconnect shaft
- **15 - Disconnect shifter fork
- **16 - Center bearing
- **17 - Spacer
- 18 - Transfer driven gear
- **19 - Rear output shaft assembly
- **20 - Bushing
- **21 - Rear output shaft
- 22 - Spacer
- 23 - Rear bearing
- **24 - Internal snapping
- 25 - Oil seal
- 26 - Spacer
- 27 - Front output orifice plug
- 28 - Sealring (use after S/N 23290)

*Used only on models without output disconnect

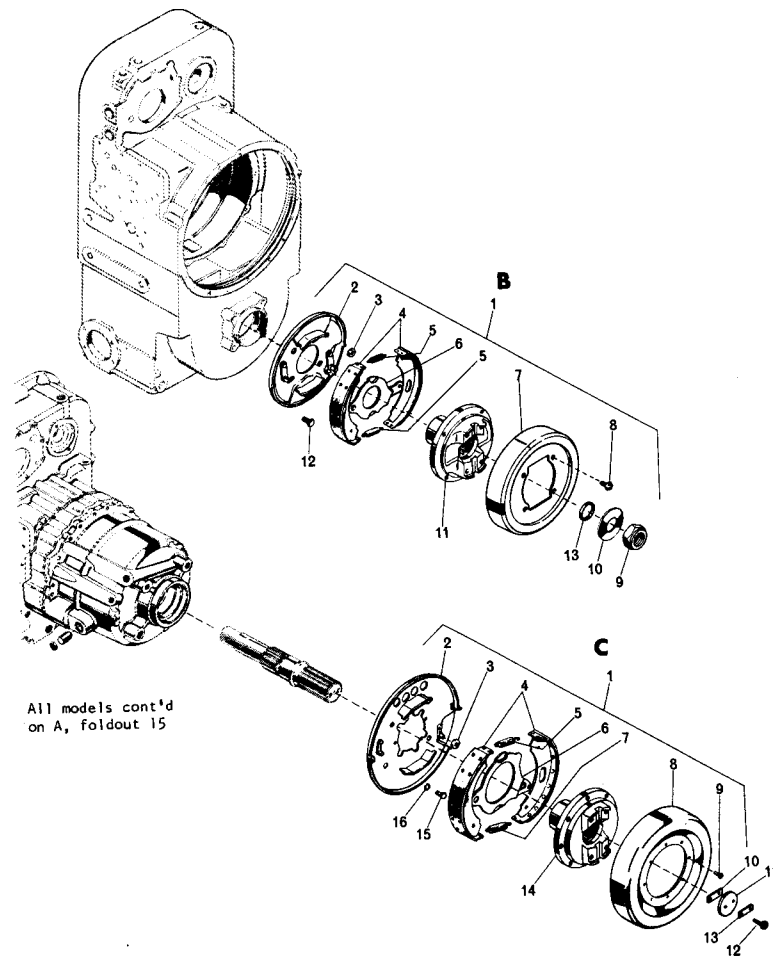
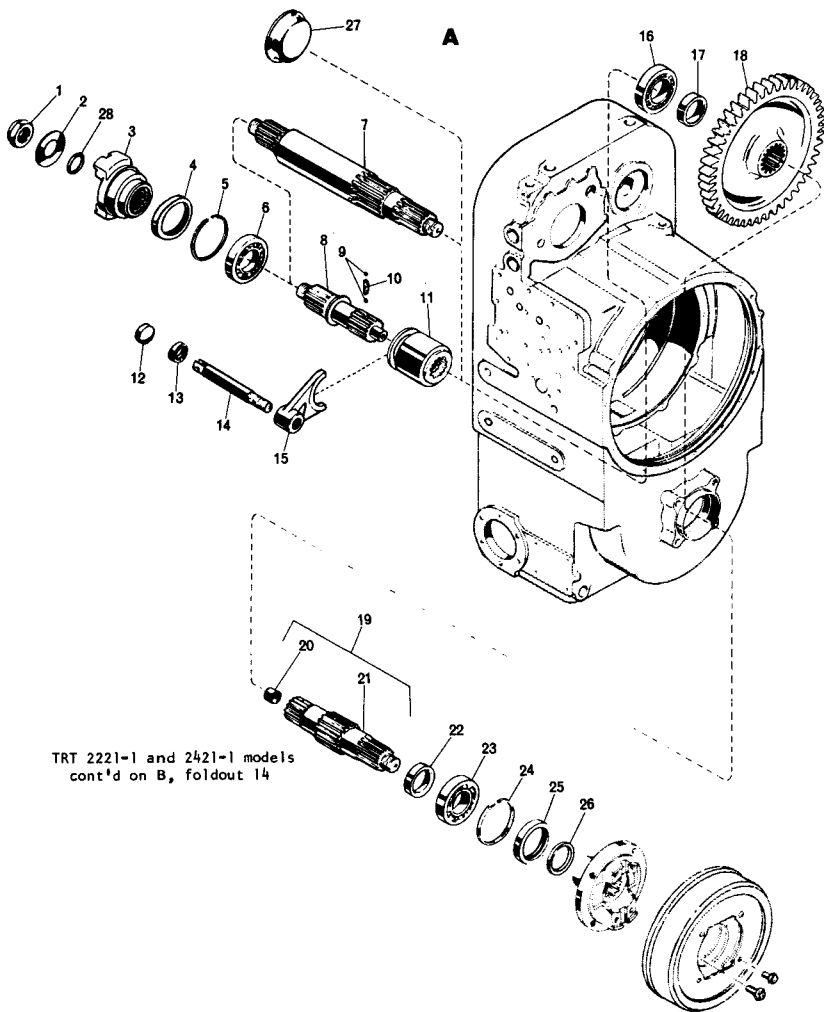
**Used only on models with output disconnect

B

- 1 - Brake assembly (10 x 1 1/2)
- 2 - Back plate
- 3 - Roller
- 4 - Shoe assembly (2)
- 5 - Spring (2)
- 6 - Apply lever
- 7 - Brake drum
- 8 - Self-locking bolt, 3/8-24 x 5/8 (4)
- 9 - Flange nut
- 10 - Flange washer
- 11 - Output flange
- 12 - Self-locking bolt, 1/2-13 x 7/8 (4)
- 13 - Sealring (use after S/N 23290)

C

- 1 - Brake assembly (13 x 2 3/8)
- 2 - Back plate assembly
- 3 - Roller
- 4 - Shoe assembly (2)
- 5 - Spring
- 6 - Apply lever
- 7 - Spring
- 8 - Brake drum
- 9 - Self-locking bolt, 3/8-24 x 3/4 (8)
- 10 - Shim, 0.005 and 0.025 thk (AR)
- 11 - Flange washer
- 12 - Self-locking bolt, 3/8-24 x 1 1/2 (2)
(TRT 2211-3 and 2411-3);
Self-locking bolt, 1/2-20 x 1 1/4 (2)
(TRT 2221-3 and 2421-3)
- 13 - Lockstrip
- 14 - Output flange
- 15 - Bolt, 5/8-11 x 1 1/4 (3)
- 16 - Lockwasher, 5/8 (3)



A

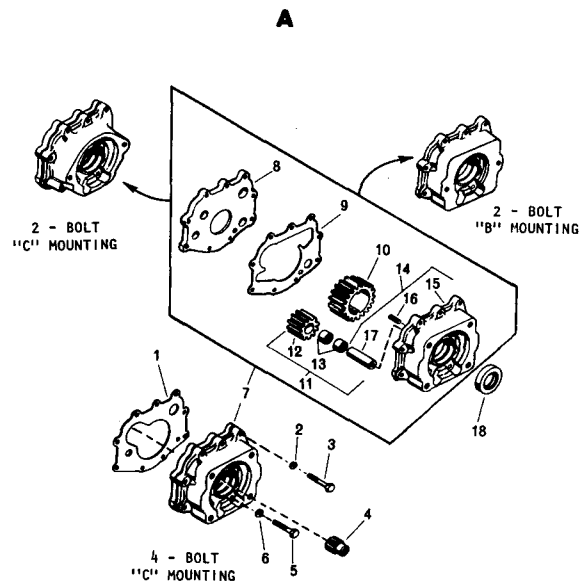
- 1 - Oil pump mounting gasket
- 2 - Lockwasher, 3/8 (7)
- 3 - Bolt, 3/8-16 x 2
 - 4-bolt, C pad (7)
 - 2-bolt, B pad (7)
 - 2-bolt, C pad (6)
- 4 - Adapter coupling
- 5 - Bolt, 3/8-16 x 3
 - 4-bolt, C pad (2)
 - 2-bolt, B pad (2)
 - 2-bolt, C pad (3)
- 6 - Lockwasher, 3/8 (2)

- 7 - Oil pump assembly
- 8 - Cover
- 9 - Cover gasket
- 10 - Drive gear
- 11 - Driven gear assembly
- 12 - Driven gear
- 13 - Needle bearing assembly (2)
- 14 - Oil pump body assembly
- 15 - Body
- 16 - Dowel pin
- 17 - Driven gear shaft
- 18 - Oil seal

B

- 1 - Valve body mounting gasket
- 2 - Lockwasher, 3/8 (16)
- 3 - Bolt, 3/8-16 x 1
- 4 - Bolt, 3/8-16 x 2 1/2 (15)
- 5 - Control valve assembly
- 6 - Plug
- 7 - Gasket
- 8 - Main-pressure regulator valve
- 9 - Valve body
- 10 - Ball
- 11 - Ball retainer
- 12 - Valve stop (1) in TRT 2221-1, 2421-1, 2221-3 and 2421-3 models; (2) in TRT 2211-3 and 2411-3 models
- 13 - Spring retainer
- 14 - Main-pressure regulator spring
- 15 - Trimmer spring
- 16 - Trimmer plug
- 17 - Gasket
- 18 - Plug
- 19 - Clutch cutoff valve spring
- 20 - Clutch cutoff valve
- 21 - Cutoff valve plug (hydraulic actuated)
- 22 - Sealring
- 23 - Gasket
- 24 - Cup (hydraulic actuated)
- 25 - Retainer plug (hydraulic actuated)

- 26 - Oil seal
- 27 - Manual selector valve
- 28 - Detent ball (2)
- 29 - Plug
- 30 - Gasket
- 31 - Detent spring (2)
- 32 - Gasket
- 33 - Plug
- 34 - Plug, 1/8
- 35 - Inching valve stop
- 36 - Spring
- 37 - Inching regulator valve
- 38 - Regulator valve stop
- 39 - Inching regulator valve spring
- 40 - Inching control valve
- 41 - Valve return spring
- 42 - Sealring
- 43 - Plug
- 44 - Oil seal
- 45 - Cutoff valve plug (air actuated)
- 46 - Retainer plug (air actuated)
- 47 - Plug
- 48 - Manual selector valve (used with neutral start switch)
- 49 - Gasket
- 50 - Plug (neutral switch hole)



All models cont'd
on B, foldout 15

