



# Turbo Hydromatics (TH350 & TH400)

The three speed TH350 and TH400 transmissions are versatile choices for both racers and street drivers. With multiple configurations available, these transmissions bridge the needs of both entry level and competitive performance applications. New, redesigned replacement and upgrade components are available for many pieces of these transmissions. Special gear sets are available for both transmissions. Contact a specialist at BTE for a specific application.

## ASSEMBLED TH350 TRANSMISSIONS

### TH350 Street / Strip

FEATURES: 5 high performance clutches in reverse, 6 in low, 5 in high, 2.52 low gear, one piece case saver, Rebuilt pump, New bearings and bushings, Manual/Automatic Valve Body, Dyno-tested.

**\$809<sup>95</sup>**

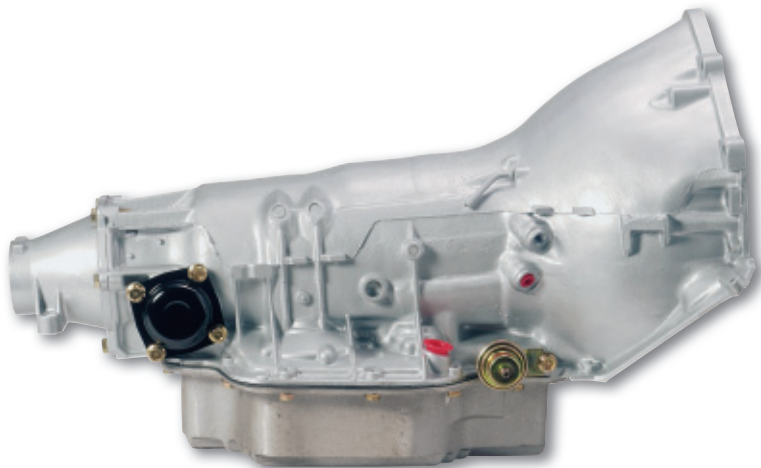
### TH350 Transbrake Version

FEATURES: 5 high performance clutches in reverse, 6 in low, 5 in high, 2.52 low gear, one piece case saver, Rebuilt pump, New bearings and bushings, 36 element sprag on drum assembly, BTE Transbrake Valve Body w/ solenoid, Dyno-tested.

**\$1549<sup>95</sup>**



## ASSEMBLED TH400 TRANSMISSIONS



### TH400 Street / Strip

Rebuilt pump, 2.48 low gear, New bearings and bushings, 6 high performance clutches in low gear, 5 in direct, Increased line pressure, Dyno-tested, Manual / Automatic Valve Body.

**\$869<sup>95</sup>**

### TH400 Transbrake Version

Rebuilt pump, 2.48 low gear, New bearings and bushings, 6 high performance clutches in low gear, 5 in direct, Increased line pressure, 34 element sprag on drum assembly, BTE Transbrake Valve Body w/ solenoid.

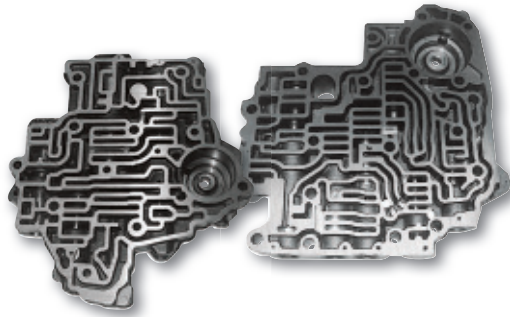
**\$1699<sup>95</sup>**



## Gear Sets

BTE offers several alternate ratio gear sets for the TH350 and TH400 transmissions. Select one of these sets if a different starting line ratio is desired.

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|--------------------------------|---------------------------|
| 347500 TH350 2.75 Low Gear Set | <b>\$429<sup>95</sup></b> |
| 407500 TH400 2.75 Low Gear Set | <b>\$419<sup>95</sup></b> |



## Performance Valve Bodies

BTE's full manual and transbrake valve bodies are optimized for performance applications. These performance valve bodies are also tuned for additional line pressure, which is needed for clutch application in high power or heavy vehicles. Transbrake valve body kits include BTE's two wire solenoid.

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|---|---------------------------|--------------------------------|---------------------------|
| 321500 TH350 Transbrake                             | <b>\$379<sup>95</sup></b> | 401500 TH400 Transbrake        | <b>\$305<sup>95</sup></b> |
| 321000 TH350 Full Manual (FSP)                      | <b>\$159<sup>95</sup></b> | 401100 TH400 Full Manual (RSP) | <b>\$189<sup>95</sup></b> |
| 352200 TH350 Manual/Automatic Replacement Solenoids | <b>\$109<sup>95</sup></b> | 402400 TH400 Manual/Automatic  | <b>\$109<sup>95</sup></b> |
|   | <b>\$94<sup>99</sup></b>  |                                |                           |



## Performance Drums

TH350 and TH400 drums are rebuilt with 36 and 34 element sprags respectively. These performance sprags greatly increase the durability and strength of the drum assembly and are a requirement for performance applications.

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|--------------------------------------|---------------------------|
| 353900 TH350 drum w/36 element sprag | <b>\$315<sup>95</sup></b> |
| 443900 TH400 drum w/34 element sprag | <b>\$195<sup>00</sup></b> |

## Blueprinted Race Pumps

These TH350 and TH400 pumps are fully inspected, machined, and rebuilt for racing specifications. Special attention is paid to gear quality as well as the vein networks.

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|-------------------|---------------------------|
| 343400 TH350 Pump | <b>\$135<sup>00</sup></b> |
| 423400 TH400 Pump | <b>\$85<sup>00</sup></b>  |



## Transmission Overhaul Kits

**MASTER KITS:** BTE's master overhaul kits contain everything needed to rebuild and freshen your transmission: high performance clutches, seals, new bushings, paper/rubber kits, rings, filter, and reusable pan gaskets.

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|---------------------------------|---------------------------|
| 359000 TH350 (1980+ non-lockup) | <b>\$109<sup>95</sup></b> |
| 449000 TH400 (1966+)            | <b>\$104<sup>95</sup></b> |

**RACING KITS:** These kits include everything for a light freshen up: paper/ rubber kit, seals, and sealing rings.

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|---------------------------------|--------------------------|
| 358600 TH350 (1980+ non-lockup) | <b>\$34<sup>95</sup></b> |
| 448900 TH400 (1966+)            | <b>\$34<sup>95</sup></b> |



## CASE UPGRADES



## Aluminum Deep Pans

Cast aluminum deep pans add two extra quarts of transmission fluid, reduce heat retention, and increase the strength of the transmission case. Pans include gasket, bolts, and filter extension.

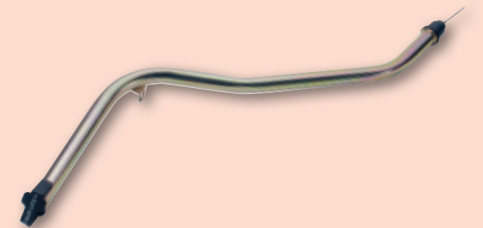
- |                             |                           |
|-----------------------------|---------------------------|
| 358000 TH350 Deep Pan w/Kit | <b>\$89<sup>95</sup></b>  |
| 408000 TH400 Deep Pan w/Kit | <b>\$115<sup>95</sup></b> |



## Overflow Tank

This new overflow tank meets requirements for Top Dragster and Top Sportsman classes. Neatly fitting adjacent to the pan and beneath the case, this kit includes all needed hardware for immediate installation. The tank prevents the venting of slippery transmission fluid onto the racing surface.

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|----------------------------|--------------------------|
| 940450 TH400 Overflow Tank | <b>\$94<sup>95</sup></b> |
|----------------------------|--------------------------|



## Locking Dipsticks

This locking dipstick and filler tube remain attached and locked under the most severe applications. The included "top hat" gasket is an improvement over OEM o-ring style sealants.

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|--|--------------------------|
| 323850 TH350 Standard Length             | <b>\$32<sup>95</sup></b> |
| 323870 TH350/400 Flexible Firewall Mount | <b>\$59<sup>69</sup></b> |
| 423850 TH400 Standard Length Chevy       | <b>\$32<sup>95</sup></b> |
| 403955 TH400 Buick, Olds, Pontiac        | <b>\$32<sup>95</sup></b> |