



# 363499, 363854, 394812, 394813, 394814 & 402778

Instruction Guide

## Mechanical TA Assembly Service Tips

1. TA difficult to turn when bolted in tub. Some causes may include the tolerances in transmission housing, component parts or complete TA's. Another cause may be the planetary carrier seal #361248 not being completely seated in the seal bore. The corrective measure for the planetary carrier seal is to completely bottom the seal bore. Corrective measures may require using shim #830015. Simply cut the shim into 4 equal parts and place the shims equally spaced in front of the TA housing, then retighten the bolts. This procedure should be used when the tolerances cause the TA to become tight when bolted in.
2. TA Lubrication. When installing TA housing, it is important to index lubrication parts. When standing at rear of tractor facing forward, the lube hole must be located at 9 o' clock position.

## Important

Prior to installing 394812, 394813 and 402778 TA, the back gear of the TA must be compared to the one taken out for positive identification.

|        | Bearing Bore | Teeth Length |
|--------|--------------|--------------|
| 394812 | 2.100"       | 1.050"       |
| 394813 | 2.100"       | 1.450"       |
| 402788 | 2.130"       | 1.050"       |