

Yard Tractors

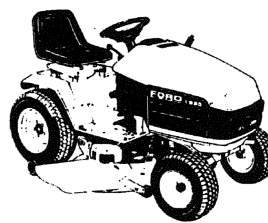
LS 25

LS 35

LS 45

LS 55

Includes supplement



SERVICE MANUAL



NEW HOLLAND

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FOREWORD

Only components that are unique to the 1996 LS series tractors and mower decks are contained in this supplement. For all other components of the tractor, refer to the appropriate sections of LS Service Manual 40002550.

The material contained in this supplement was correct at the time of going to print, but New Holland North America, Inc. policy is one of continuous improvement, and the right to change prices, specifications, equipment or design at any time without notice is reserved. All data in this manual is subject to production variations. Overall dimensions and weights should be considered as approximate only, and the illustrations do not necessarily depict the unit to standard built specification.

NEW HOLLAND NORTH AMERICA, INC.

SECTION 4

TRANSAXLE BRAKES

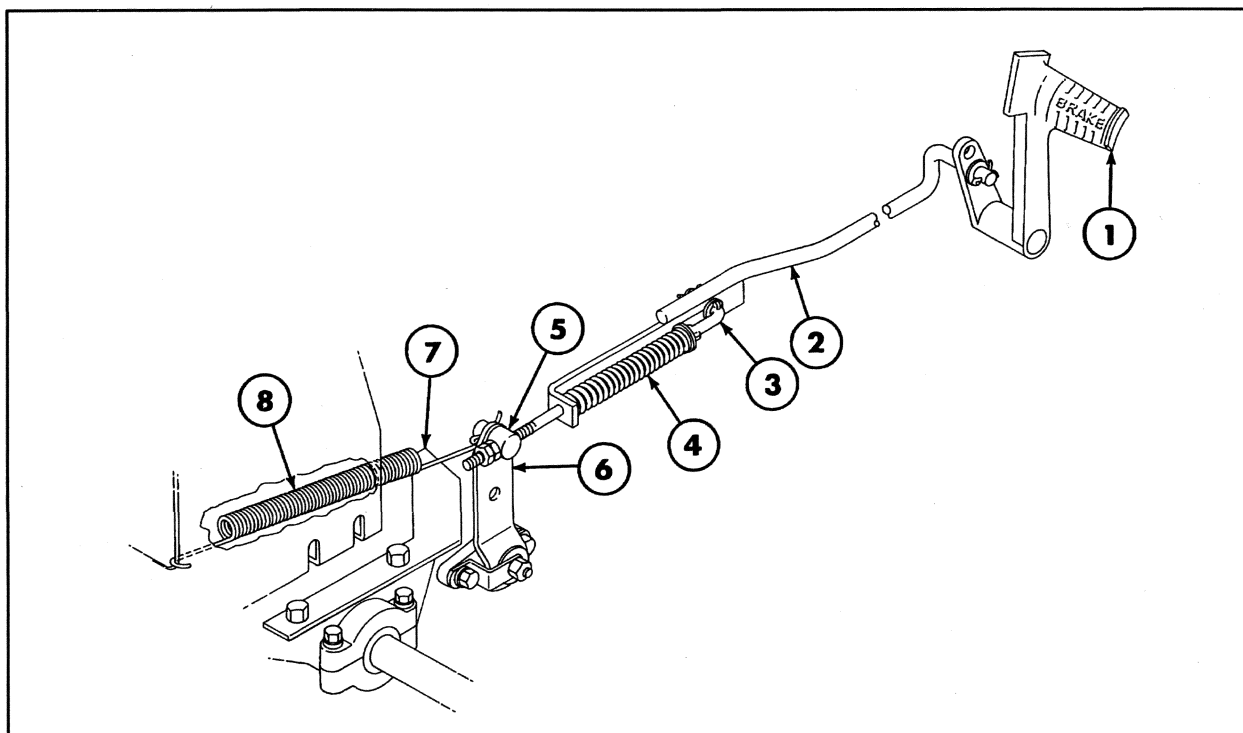


Figure 4-1

This section describes changes made to the transaxle brakes of LS series tractors with T6 serial numbers.

BRAKE LINKAGE COMPONENTS

The brake linkage is made up of the following components:

- Pedal, 1
- Arm, 2
- Rod, 3
- Compression Spring, 4
- Trunnion, 5
- Brake Lever Arm, 6
- Stop Plate, 7
- Return Spring, 8

BRAKE OPERATION

When the brake pedal is applied, the arm on the pedal, 1, rotates forward. This causes the brake arm, 2, to move forward until the end of the slotted hole contacts the brake rod, 3. Together, the arm and the rod pull the lever arm, 6, forward and the brake pads contact the brake disc, stopping the rear axle. If the pedal is applied further, the compression spring, 4, becomes compressed, preventing the linkage from being over traveled. When the pedal is released, the return spring, 8, moves the linkage back to the "REST" position.

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