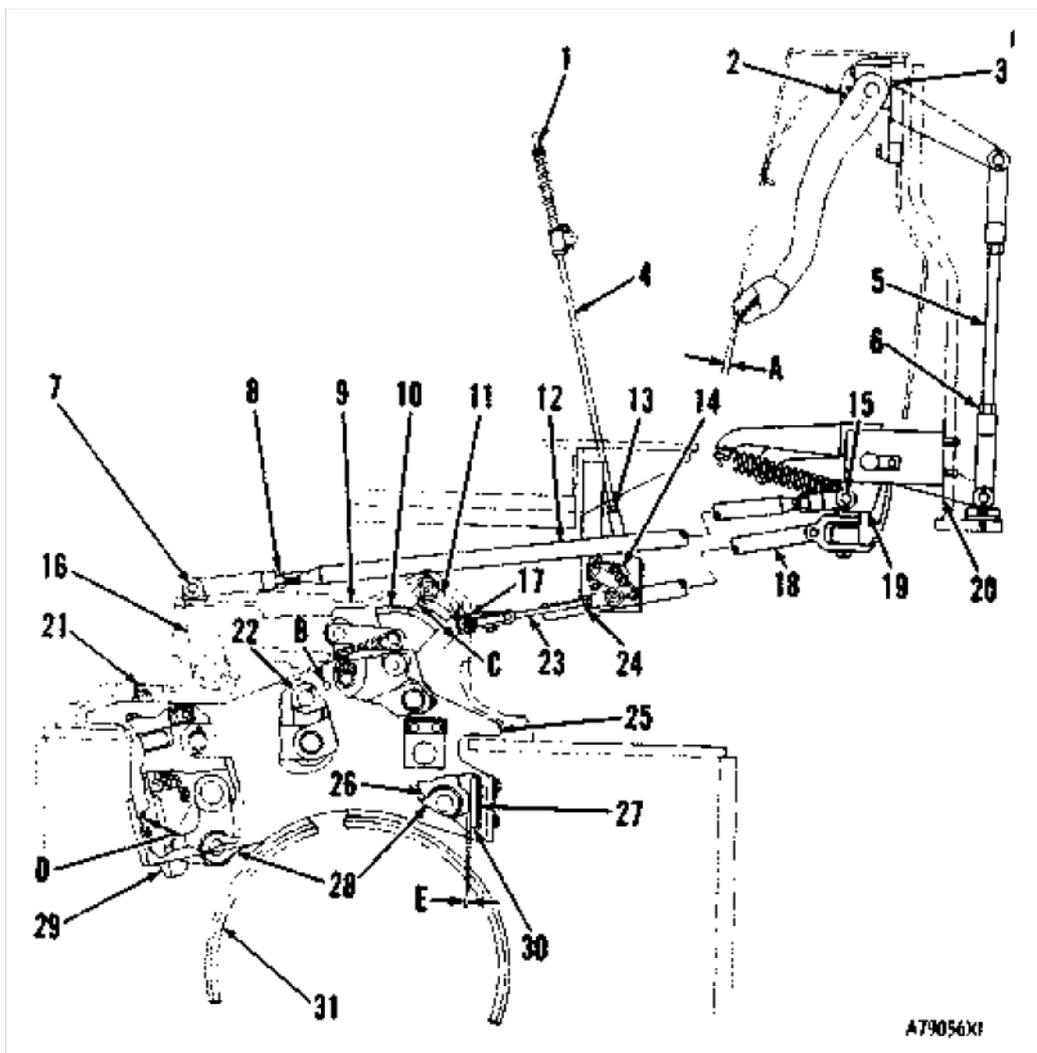
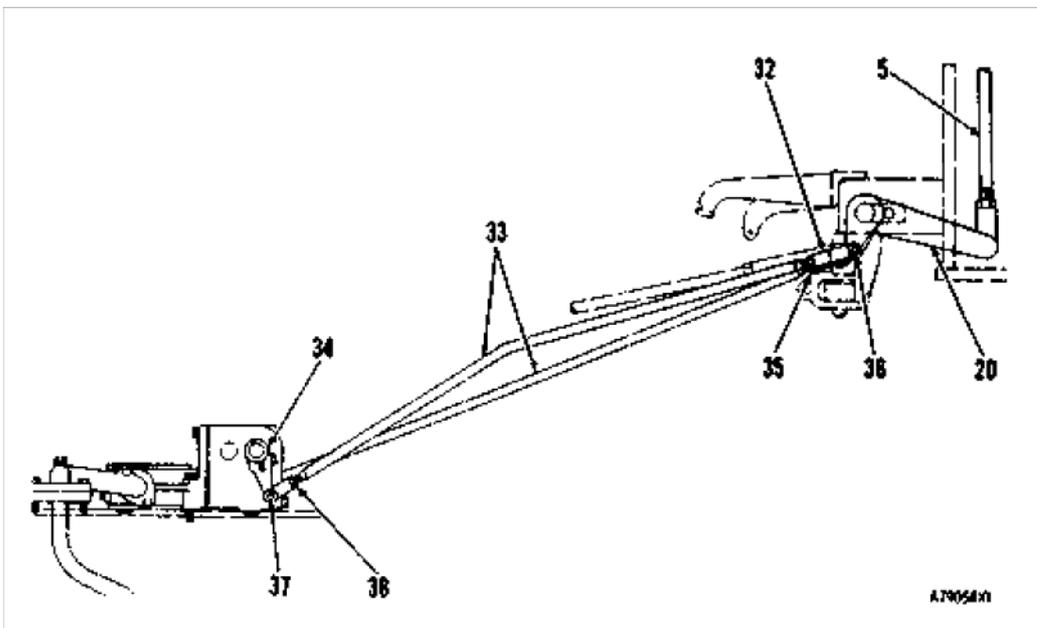


## Adjustment Procedures For The Linkages Of The Steering Clutches And Brakes





- (1) Torque for two nuts ...  $9 \pm 3$  lb. ft. ( $12 \pm 4$  N·m)
- (2) Torque for three bolts ...  $100 \pm 10$  lb. ft. ( $135 \pm 14$  N·m)
- (3) Torque for three bolts ...  $100 \pm 10$  lb. ft. ( $135 \pm 14$  N·m)
- (6) Torque for six nuts ...  $75 \pm 10$  lb. ft. ( $100 \pm 14$  N·m)
- (8) Torque for four nuts ...  $75 \pm 10$  lb. ft. ( $100 \pm 14$  N·m)
- (13) Torque for nut ...  $9 \pm 3$  lb. ft. ( $12 \pm 4$  N·m)

## Adjustment Of The Brakes

1. Install support assemblies (25), control valve housings (9) and levers (16) that are fastened to the housings.
2. Turn socket (21) clockwise until brake band (31) is tight on the brake drum. Then turn socket (21) counterclockwise two turns or 12 clicks (the noise heard when a detent is felt).
3. Connect rods (12) to rear levers (16) with pins (7). Do not connect rods (12) to brake bellcranks (19).
4. Move rear levers (16) as far to the rear of the machine as possible and make sure brake bellcranks (19) are against steering bellcranks (20).
5. Adjust rods (12) to the longest length that permits pins (15) to fit freely. Turn rods (12) one turn to make them shorter. Connect rods (12) to brake bellcranks (19).
6. Adjust three vertical rods (5) to get the correct distance (A), from the pedals to the rear face of the dash, of ...  $.236 \pm .059$  in. ( $6.0 \pm 1.5$  mm)
7. Adjust vertical rod (4) so that pawl (14) engages ratchet bar (18) when the transmission lock lever is in the down position.
8. Adjust levers (17) to dimension (C) of  $2.95 \pm .04$  in. ( $75.0 \pm 1.0$  mm).
9. Put the transmission lock lever in the down position and both brakes in the activated position. Adjust the yoke assembly (23) so that pawl (11) engages ratchet (10). Tighten nuts (24).
10. Make sure all lock nuts are tight.

# Adjustment Of The Mechanism Of Brake Engagement

If the mechanism has been assembled with new parts or shims (27) behind plate (30) have been lost, make the adjustment that follows:

1. Install a .375 in. (9.52 mm) diameter rod through holes (B) in support assembly (25) and bellcrank (22).
2. Hold lever assembly (29) against stop (D) of the support assembly.
3. Hold lever assemblies (28) apart to remove movement (slack) in the linkage.
4. Measure distance (E) between lever assembly (26) and plate (30) with a feeler gauge. Distance (E) must be ...  
.010 ± .005 in.(0.25 ± 0.13 mm)
5. Add or remove shims (27) between plate and support assembly to get correct distance (E).
6. Remove the rod from holes (B).
7. See "Adjustment of the Brakes."

# Adjustment Of The Steering Clutch Control Linkage

1. Make sure the pedals are adjusted correctly and rods (5) are against the stops.
2. Move levers (34) down and toward the rear of the machine until they are against the stops.
3. Connect rods (33) to levers (34) with pins (37).
4. Adjust rods (33) with rod ends (32) to the longest length that permits pins (36) to fit freely.
5. Make rods (33) shorter by two turns of rod ends (32).
6. Tighten nuts (35) and (38) to a torque of  $9 \pm 3$  lb. ft. ( $12 \pm 4$  N·m).
7. Connect rods (33) to steering bellcranks (20) with pins (36).