

TORO®

MODEL NO. 30117-1000001 & UP

OPERATOR'S MANUAL
ADDENDUM

117 COMMERCIAL WALK MOWER

Due to a design change, this addendum replaces pages 7-8 in your Operator's Manual Form #3314-329. The instructions that are changed are: CONNECT THROTTLE CABLE, CONNECT CHOKE CABLE, CONNECT WIRE HARNESS.

SET UP INSTRUCTIONS

CONNECT THROTTLE CABLE

1. Position remote throttle control lever forward until there is approximately 1/8" between lever and front end of slot in control base.
2. Route throttle cable around right side of engine (Fig. 5).

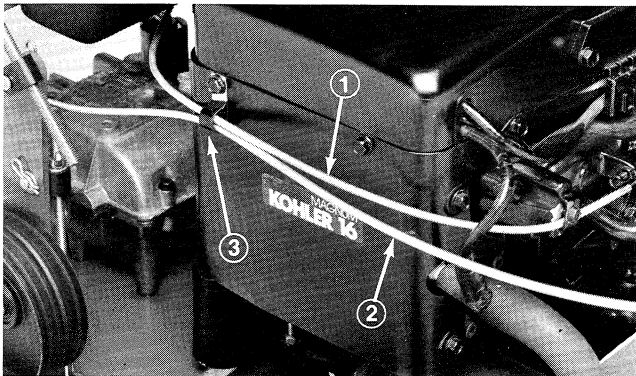


Figure 5

1. Throttle cable
 2. Choke cable
 3. Cable clamp
3. Hook cable end into top hole in governor arm (Fig. 6).

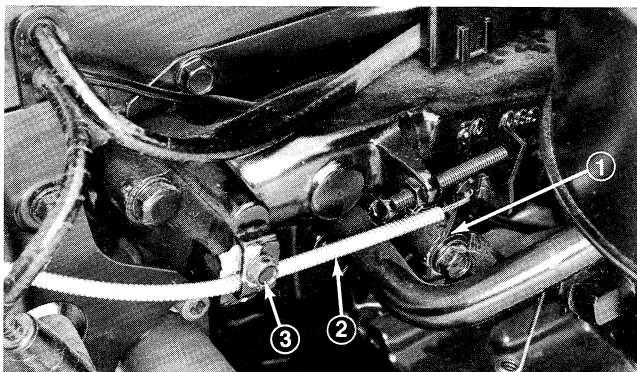


Figure 6

1. Governor arm
 2. Throttle cable
 3. Cable clamp screw
4. Loosen cable clamping screw allowing cable installation, but do not tighten (Fig. 6).
5. Pull firmly on throttle cable until governor arm contacts stop and tighten cable clamping screw (Fig. 6).

CONNECT CHOKE CABLE

1. Position remote choke control in full choke position.

2. Route choke cable around right side of engine (Fig. 5). Hook cable end into hole in carburetor choke lever (Fig. 7).

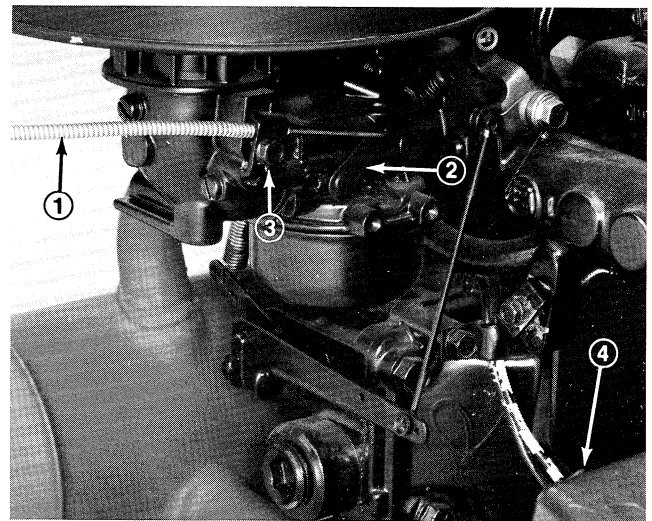


Figure 7

1. Choke cable
2. Choke lever
3. Cable clamp screw
4. Connectors

3. Loosen cable clamping screw allowing cable installation, but do not tighten (Fig. 7).
4. Pull firmly on choke cable and tighten cable clamp screw (Fig. 7).
5. Secure choke and throttle cables to right side of engine with cable clamp and engine cover mounting bolt (Fig. 5).

CONNECT WIRE HARNESS

1. Route harness around left side of engine and secure male and female connectors at front of engine (Fig. 7).
2. At left side of engine, secure male and female clutch connectors (Fig. 8).
3. Remove locknut from left rear engine mounting bolt. Secure negative, black battery cable and ring terminal wire from clutch connector to left rear engine mounting bolt with locknut removed (Fig. 8).
4. Secure remaining ring terminal wire from wire harness and positive, red battery cable to rear terminal of starter solenoid with a 1/4-20 locknut (Fig. 8).
5. Secure small ring terminal wire to back end of starter solenoid with a #10-32 locknut.

SET UP INSTRUCTIONS

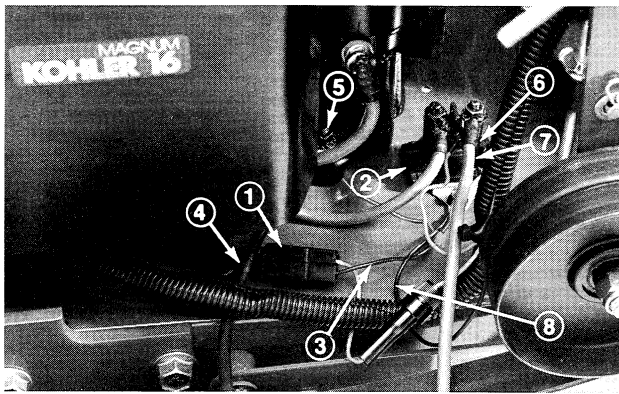


Figure 8

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|---------------------------|-----------------------------|
| 1. Clutch connectors | 5. Engine mounting bolt |
| 2. Starter solenoid | 6. Remaining wire |
| 3. Ring terminal wire | 7. Positive battery cable |
| 4. Negative battery cable | 8. Small ring terminal wire |

6. Secure wire harness and fuel line together with cable tie (Fig. 9).

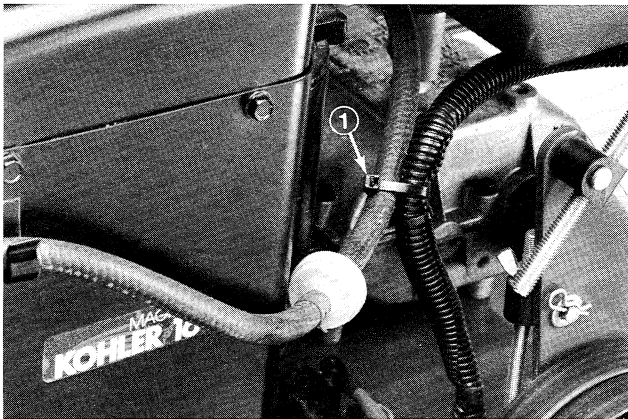


Figure 9

1. Cable tie

INSTALL CONTROL RODS

1. Thread a rod fitting onto each control rod approximately 2" (Fig. 10).

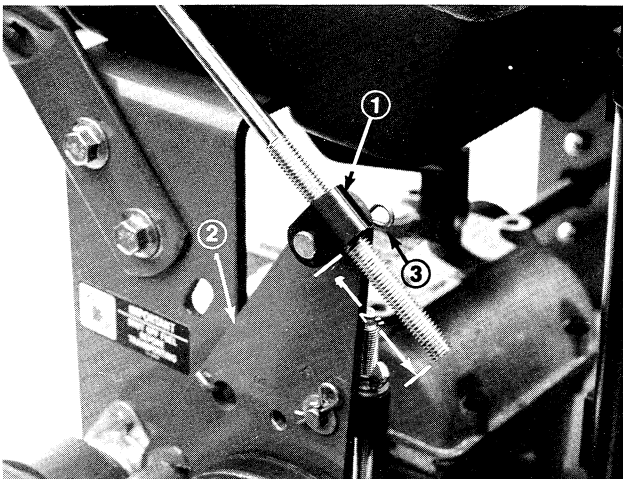


Figure 10

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|------------------------|--|
| 1. Control rod fitting | 3. Clevis pin, washer & hairpin cotter |
| 2. Idler brackets | |

2. Mount rod fitting ends to mounting holes in idler brackets (from outside) with clevis pins, washers and hairpin cottes (Fig. 10).

Note: The control bar and upper handle must be parallel when in relaxed drive and brake positions.

3. Check gap between control bar and upper handle when fully engaging wheel belts. Gap should be approximately 1 to 1-1/4" (Fig. 11).

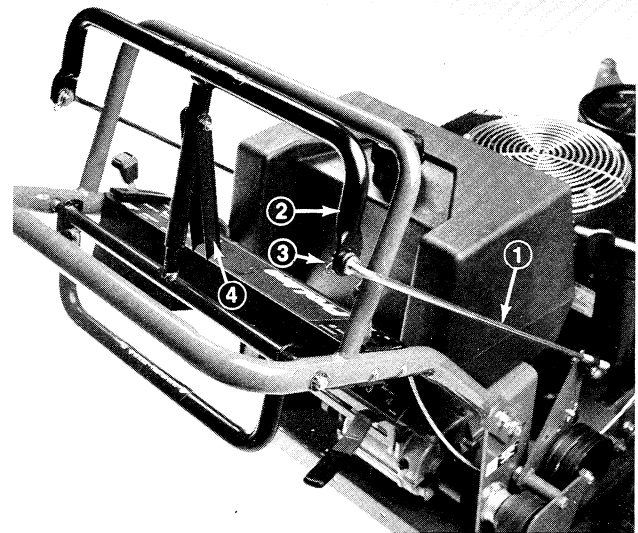


Figure 11

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|----------------------|----------------------------|
| 1. Control rod | 3. Washer & hairpin cotter |
| 2. Upper control bar | 4. Parking brake lever |

4. Check operation. If adjustment is required, remove hairpin cotter and washer securing end of control rod to upper control bar, thread rod into or out of rod fitting to proper position and reinstall to control bar with washer and hairpin cotter.

5. Brake rods should be adjusted so parking brake lever can be swung into a snug position against the upper handle while pulling back on upper control bar (Fig. 11).

6. If an adjustment to brake rods is required, remove hairpin cotter and washer securing brake rod fitting to idler bracket (Fig. 12).

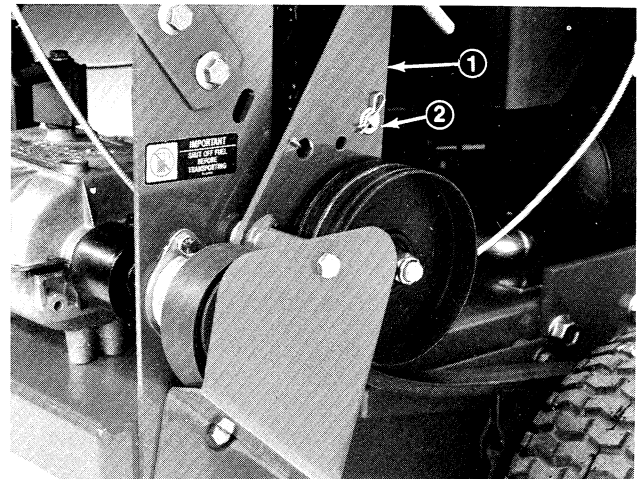


Figure 12

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|------------------|---|
| 1. Idler bracket | 2. Hairpin cotter, washer & brake rod fitting |
|------------------|---|