

TILLER SHIFT CABLE ASSY
SUZUKI DF20 STARTING 2013
2178



ATTACH THE SHIFT CABLE ANCHOR BRACKET

1. Remove the right side cowling from the motor.
2. Cut out the drilling template on page 5.
3. Align the cable anchor drilling template on the cowling and secure with masking tape. Drill the cowling holes with a 3/16 inch drill.
4. Attach the cable anchor using two 10-32 x 5/8 pan head screws and fiber lock nuts. Reattach the cowling to the motor.

ATTACH THE SHIFT HANDLE LEVER

1. Refer to shift cable assembly sheet 2178. Remove the hex head bolt and washer holding the shift handle to the motor.
2. Leaving the wavy washers in place, install bushing 2177, the shift lever 2176, flat washer 633 and hex head bolt 587.5, M6 x 1.0 x 50mm. Tighten the bolt.
3. To drill the hole through the shift lever, rotate the lever clockwise as far as it will go up against the plastic handle. Using a 3/16 drill, it will be necessary to tilt the drill slightly to allow the head of the screw to clear the hub of the handle on the far side. After drilling, it may be necessary to open the hole up to allow easy entry of the screw.
4. Install the #10-32 x 1 1/4 screw and lock nut.

ATTACH THE SHIFT CABLE

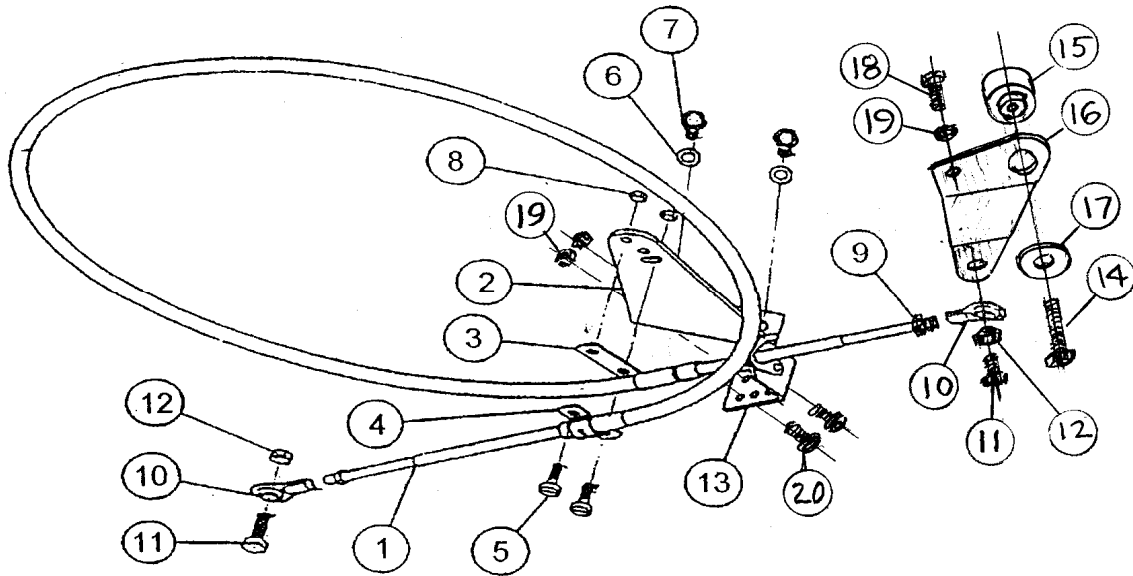
1. Route the cable as shown in the photos. The lower cable anchor bracket has one hole slotted to allow rotating the bracket before tightening to give good cable alignment.
2. Place the reverse gate in forward with the cam roller at the end of the slot in the cam. Attach the upper end of the cable to the anchor bracket and adjust the ball end threads to reach the shift lever. The lower cable anchor bracket, which is slotted, can also be moved to assist in this adjustment. Lock the ball end on the shift lever with the 1/4-20 nyloc nut.
3. Shift to reverse and back to forward. The cam roller should be at the end of the slot in the cam such that the gate cannot be forcibly rotated toward reverse. Pull on the gate by hand to verify this. Make adjustments if necessary to satisfy this condition. Lock the jam nuts.
4. Do not be concerned about the neutral and reverse positions of the gate. Water pressure will take care of these.

CAUTION

**YOU MUST RETURN THE THROTTLE
TO IDLE BEFORE SHIFTING.**

SMALL SERIES

SHIFT CABLE ASSEMBLY
SUZUKI MODEL BQ 20 HP
TILLER STEERING
2178



REF	QTY	PART NO.	DESCRIPTION
1	1	556	CABLE 6 FT MOR 33C SUPREME
2	1	156	BRACKET CABLE SUPPORT
3	1	542	SHIM MORSE AO35777
4	1	543	CLAMP CHRYS 154317
5	2	561	FIL HD SLOTTED 10-24 X 3/4
6	2	635	1/4 WASHER AN960C416
7	2	572	BOLT HEX HD 1/4-20 X 5/8
8	2	619	NYLOC 10-24
9	2	621.1	HEX NUT 10-32 JAM
10	2	553.2	BALL END 1/4 X 10-32 CABLE
11	2	573	BOLT HEX HD 1/4-20 X 3/4
12	2	623	NYLOC 1/4-20
13	1	543.1	CABLE ANCHOR MORSE 36174
14	1	587.5	BOLT HEX HD M6-1.0 X 50MM
15	1	2177	BUSHING
16	1	2176	SHIFT LEVER
17	1	633	WASHER 1/4 X 1
18	1	559.2	FIL HD SLOT 10-32X 1 1/4 PATCH
19	3	621	NYLOC 10-32
20	2	562.1	PAN HD PHILLIPS 10-32 X 5/8





SUZUKI M20A
NUMBER 31100A
SUZUKI MOTOR CO., LTD.

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Electronic Fuel Injection

LEAN BURN





SUZUKI

FOUR STROKE

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SUZUKI OUTBOARD MOTOR CO., LTD.
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Drilling Template

