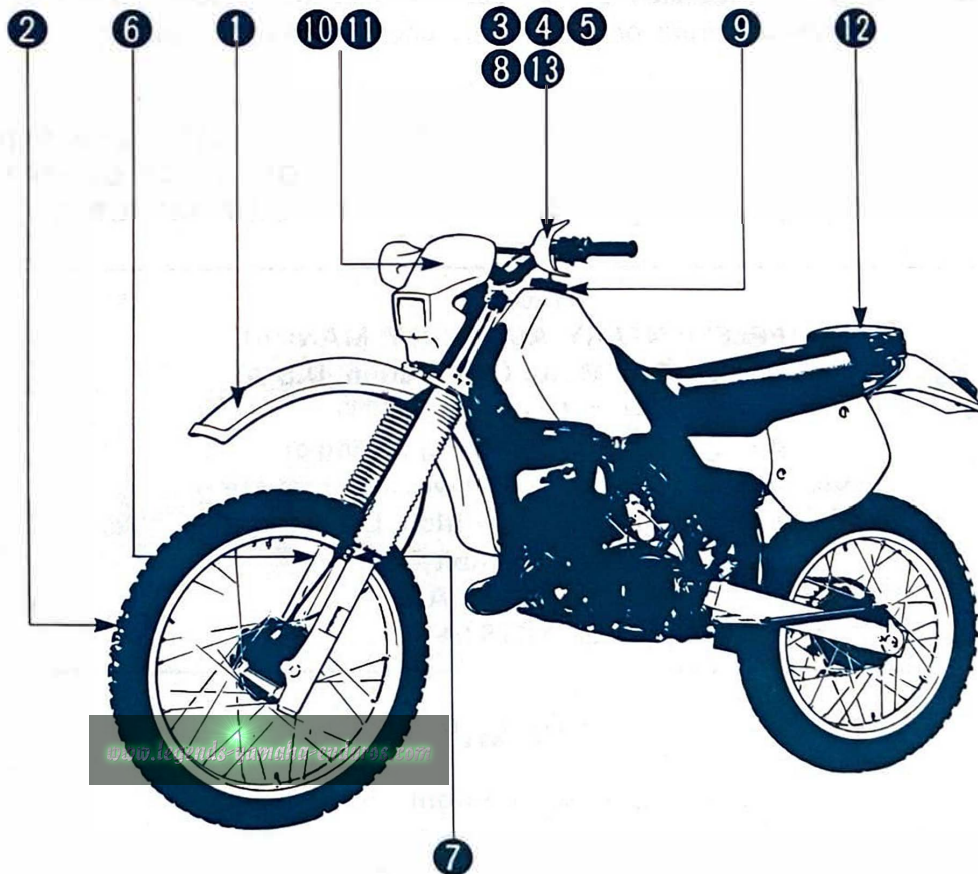




IT200L

SUPPLEMENTARY ASSEMBLY MANUAL



FOREWORD

This Supplementary assembly manual has been prepared to introduce the setup procedures and predelivery service for the IT200L.

For complete information, it is necessary to use the YZ/IT series Basic assembly manual (LIT-11666-03-31) together with this Supplementary assembly manual.

NOTICE

The service specifications given in this Supplementary assembly manual are based on the model as manufactured. Modifications and significant changes in specifications and/or procedures will be forwarded to Authorized Yamaha Dealers. The procedures below are described in the order that the procedures are carried out correctly and completely. Failure to do so can result in poor performance and possible harm to the machine and/or rider.

CONCERNING CRATE DAMAGE: _____

Follow the instructions in the Dealer warranty handbook, Procedure section.

Particularly important information is distinguished in this manual by the following notations:

NOTE: A NOTE provides key information to make procedures easier or clearer.

CAUTION: A CAUTION indicates special procedures that must be followed to avoid damage to the machine.

WARNING: A WARNING indicates special procedures that must be followed to avoid injury to a machine operator or person inspecting or repairing the machine.

**OVERSEAS SERVICE
OVERSEAS OPERATIONS
YAMAHA MOTOR CO., LTD.**

**IT200L
SUPPLEMENTARY ASSEMBLY MANUAL
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GLOSSARY

(Symbols most commonly used)

- C: The "C" marked parts are contained in the small carton box.
- S: The "S" marked parts are contained in the styrofoam tray (Upper or Lower).
- V: The "V" marked parts are contained in the vinyl bag.
- *: The asterisked (*) parts are temporarily fitted on the machine.

SETUP PROCEDURES

NOTE: _____

Please read the following chapters in the Basic assembly manual before proceeding to the setup.

CHAPTER 1: INTRODUCTION

CHAPTER 2: SETUP AND PREDELIVERY CHECK

CHAPTER 3: TOOLS AND TORQUE SPECIFICATIONS

CHAPTER 4: CRATES

CHAPTER 5: INSTALLATION PROCEDURES

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Parts list

No.	Part name	Q'ty	Locating mark	Remarks
1. Front fender [F.F-G]				
1	Front fender	1	S	
2	Hexagon bolt with spring washer and plain washer	4	V	d = 6 mm (0.24 in), l = 20 mm (0.78 in)
3	Collar	4	V	d = 6 mm (0.24 in)
2. Front wheel [F.W-J]				
1	Front wheel	1	S	
2	Front wheel axle	1	*	d = 15 mm (0.59 in)
3	Speedometer housing	1	S	
4	Brake shoe plate assembly	1	S	
5	Plain washer	1	*	d = 15 mm (0.59 in)
6	Self-lock nut	1	*	d = 14 mm (0.55 in)
7	Front wheel axle holder	1	*	
8	Spring washer	4	*	d = 6 mm (0.24 in)
9	Hexagon nut	4	*	d = 6 mm (0.24 in)
3. Handlebar [H.B-B]				
1	Handlebar	1	S	
2	Flange bolt	4	V	d = 8 mm (0.32 in), l = 35 mm (1.38 in)
3	Handlebar upper holder	2	V	
4. Throttle grip [T.G-B]				
1	Throttle grip	1	*	
2	Panhead screw	2	*	d = 5 mm (0.20 in), l = 15 mm (0.59 in)
5. Brake and clutch cable [B.C-A]				

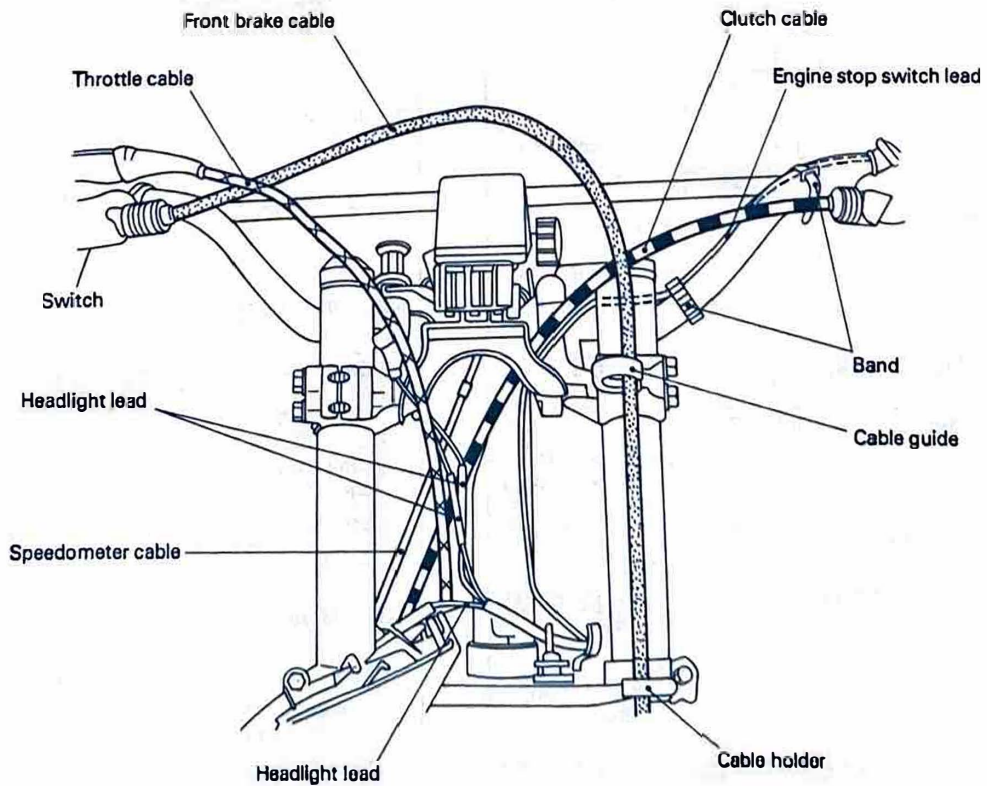
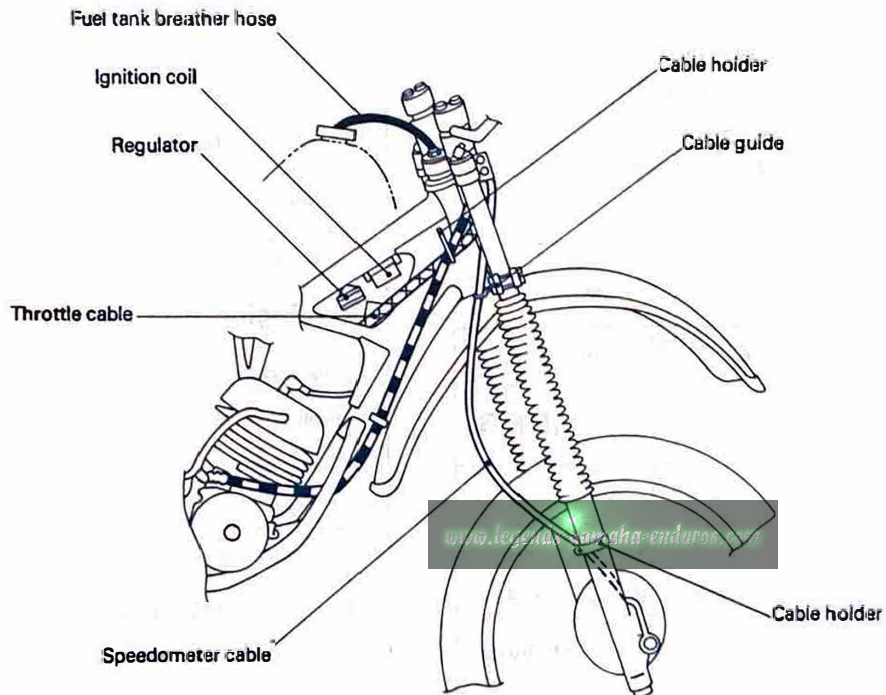
Parts list

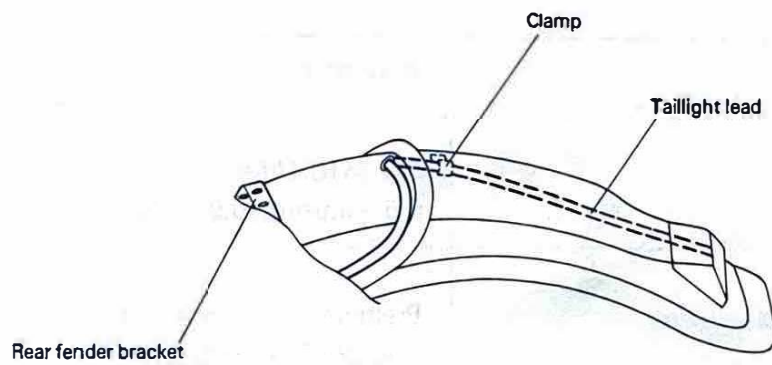
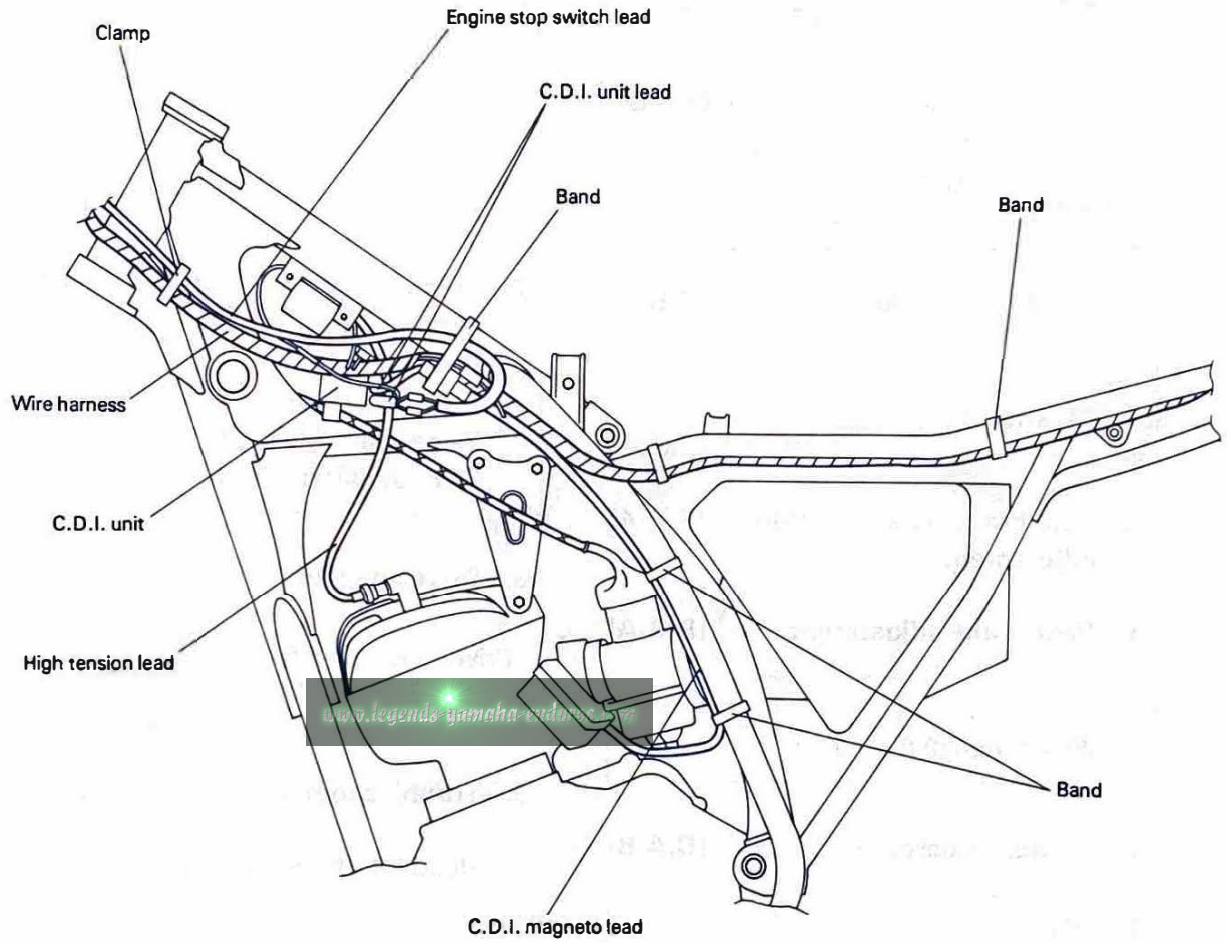
No.	Part name	Q'ty	Locating mark	Remarks
6. Cable holder [C.H-G]				
1	Cable holder	1	C	
2	Panhead screw	1	V	d = 5 mm (0.20 in), l = 30 mm (1.17 in)
3	Plain washer	1	V	d = 5 mm (0.20 in)
4	Collar	1	V	d = 6 mm (0.24 in)
5	Hexagon nut	1	V	d = 5 mm (0.20 in)
7. Cable holder [C.H-E]				
1	Cable holder	2	*	
2	Panhead screw with spring washer	2	*	d = 6 mm (0.24 in), l = 15 mm (0.59 in)
8. Engine stop switch [E.S-C]				
1	Engine stop switch	1	*	
2	Panhead screw	1	V	d = 3 mm (0.12 in), l = 14 mm (0.55 in)
3	Spring washer	1	V	d = 3 mm (0.12 in)
4	Engine stop switch holder	1	V	
5	Handlebar band	2	C	
9. Fuel tank breather pipe [F.B-F]				
1	Fuel tank breather pipe	1	C	Rubber
10. Meter assembly [M.A-A]				
1	Meter assembly	1	S	
2	Hexagon bolt with spring washer and plain washer	2	V	d = 6 mm (0.24 in), l = 12 mm (0.47 in)
11. Headlight [H.L-B]				
1	Headlight	1	S	
12. Tool kit [T.K-E]				
1	Carrier box	1	S	
2	Flange bolt	4	V	d = 6 mm (0.24 in), l = 16 mm (0.63 in)
3	Carrier box bracket	1	S	
4	Self-lock nut	4	V	d = 6 mm (0.24 in)
5	Toolkit	1	C	
13. Bush guard [B.G-A]				
1	Bush guard	2	C	
2	Panhead screw with plain washer	2	V	d = 6 mm (0.24 in), l = 16 mm (0.63 in)
3	Plain washer	2	V	d = 6 mm (0.24 in)
4	Hexagon nut	2	V	d = 6 mm (0.24 in)

CABLE ROUTING

CAUTION:

Proper cable and lead routing is essential to insure safe vehicle operation.





ADJUSTMENTS AND PREDELIVERY SERVICE

NOTE: _____

Please read the following chapter in the Basic assembly manual before proceeding to the adjustments and predelivery service.

CHAPTER 6: APPENDICES

1. Front brake adjustment [F.B-A]

Free play:
5 ~ 8 mm (0.20 ~ 0.32 in)

2. Rear brake pedal position adjustment [R.P-A]

3. Rear brake adjustment [R.B-A]

Free play:
20 ~ 30 mm (0.8 ~ 1.2 in)

4. Clutch adjustment [C.A-B]

Free play:
2 ~ 3 mm (0.08 ~ 0.12 in)

5. Throttle cable adjustment [T.C-B]

Free play:
3 ~ 5 mm (0.12 ~ 0.20 in)

6. Fuel draining [F.D-A]

7. Transmission oil level check [T.L-A]

Recommended oil:
Yamalube 4-cycle oil or
SAE 10W30 type SE motor oil

8. Drive chain tension check [D.C-A]

Drive chain deflection:
30 ~ 35 mm (1.2 ~ 1.4 in)

9. Troubleshooting [T.S-A]

10. Headlight beam adjustment [H.L-A]

APPENDICES

SERVICE DATA

Idling engine speed:	As desired	
Spark plug: Type Gap	QN-86 (CHAMPION) 0.5 ~ 0.6 mm (0.020 ~ 0.024 in)	
Fuel: Recommended fuel Fuel tank capacity	Premium fuel with an octane rating of at least 90. (Mixing ratio, 24 : 1) 11.0 L (2.42 Imp gal, 2.91 US gal)	
Engine oil: Recommended oil	Yamalube Racing 2-cycle oil (See Owner's service manual)	
Tire pressure (Cold tire pressure):	Front 98 kPa (1.0 kg/cm ² , 14 psi)	Rear 98 kPa (1.0 kg/cm ² , 14 psi)

TORQUE SPECIFICATION CHART

Parts to be tightened	Bolt/ Nut Size	Tightening torque		
		Nm	m · kg	ft · lb
Engine:				
Spark plug	M14	25	2.5	18.0
Drain plug	M12	20	2.0	14.0
Chassis:				
Front fender (F,F-G #1)	M 6×1.0	6	0.6	4.3
Front wheel axle and nut (F,W-J #1)	M14×1.5	60	6.0	43.0
Front wheel axle holder (F,W-J #2)	M 6×1.0	10	1.0	7.2
Handle crown and handlebar upper holder (H,B-B #1)	M 8×1.25	23	2.3	17.0
Meter assembly (M,A-A #1)	M 6×1.0	10	1.0	7.2
Carrier box (T,K-E #1)	M 6×1.0	7	0.7	5.1
Handle crown and inner tube	M 8×1.25	23	2.3	17.0
Handle crown and steering shaft	M22×1.0	85	8.5	61.0
Steering shaft and ring nut	M25×1.0	10	1.0	7.2
Engine mounting:				
Front	M 8×1.25	30	3.0	22.0
Lower	M 8×1.25	30	3.0	22.0
Rear wheel axle and nut	M16×1.5	85	8.5	61.0
Sprocket wheel and nut	M 8×1.25	30	3.0	22.0
Rear shock absorber and frame	M10×1.25	30	3.0	22.0
Pivot shaft and nut	M16×1.5	85	8.5	61.0
Camshaft lever and camshaft (Front brake)	M 6×1.0	10	1.0	7.2
(Rear brake)	M 6×1.0	10	1.0	7.2
"L" shape arm and swing arm	M12×1.25	60	6.0	43.0
Rear shock absorber and "L" shape arm	M10×1.25	30	3.0	22.0
"L" shape arm and "I" shape arm	M10×1.25	30	3.0	22.0
"I" shape arm and frame	M10×1.25	60	6.0	43.0

OWNER'S TOOL KIT

No.	Part name	Q'ty
1	Owner's tool bag	1
2	Spanner (10-12)	1
3	Spanner (14-17)	1
4	Spoke nipple wrench	1
5	Screwdriver grip	1
6	Screwdriver grip cap	1
7	Screwdriver bit (Phillips head)	1

No.	Part name	Q'ty
8	Screwdriver bit (Phillips head-Slotted head)	1
9	Pliers	1
10	Hexagon wrench	1
11	Special spanner (22-24)	1
12	Special spanner	1
13	Spark plug wrench (21)	1

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