

# Index

ABS System Wiring Connections/Locations		
('92-'95).....	16-A-3	
(After '95) .....	16-B-3	
ABS Circuit Diagram ('92-'95).....	16-A-4	
(After '95) .....	16-B-4	
Air Cleaner .....	3-6	
Air Cleaner Housing Removal/Installation .....	5-10	
Alternator Inspection ('91-'95).....	17-8	
(After '95) .....	17-10	
Alternator Removal/Installation (After '95).....	17-14	
Disassembly/Assembly (After '95).....	17-16	
Alternator Shaft Disassembly/Assembly.....	17-20	
Removal/Installation .....	17-18	
Anti-dive Case Disassembly/Assembly .....	13-5	
Bank Angle Sensor .....	21-5	
Battery Removal/Installation .....	17-12	
Brake Fluid .....	3-12	
Brake Fluid Filling/Bleeding (LBS-ABS/TCS model) ..	15-2	
Brake Pad Replacement .....	15-8	
Brake System (LBS-ABS/TCS model) .....	3-13	
Cable & Harness Routing.....	1-25	
Carburetor Disassembly/Assembly .....	5-8	
Draining .....	5-18	
Removal/Installation .....	5-3	
Separation/Combination .....	5-4	
Synchronization .....	3-9	
Charging System Inspection ('91-'95) .....	17-6	
(After '95) .....	17-9	
Clutch Disassembly/Assembly .....	9-6	
Clutch Master Cylinder Disassembly/Assembly .....	9-2	
Clutch Slave Cylinder Removal/Installation .....	9-4	
Combination Meter Disassembly/Assembly .....	21-10	
Removal/Installation .....	21-8	
Coolant Draining .....	6-4	
Crankcase Separation/Assembly .....	11-2	
Crankshaft/Connecting Rod Removal/Installation .....	11-4	
Cylinder Head Cover Removal/Installation .....	8-2	
Cylinder Head Disassembly/Assembly .....	8-8	
Removal/Installation .....	8-4	
Delay Valve Removal/Installation (LBS-		
ABS/TCS model) .....	15-28	
Driveshaft Disassembly/Assembly .....	12-2	
Emission Control Information Labels (U.S.A. Only) ..	1-48	
Emission Control Systems .....	1-45	
Emission Control System (U.S.A. Only) .....	5-17	
Engine Does Not Start or is Hard to Start .....	24-1	
Engine Idle speed .....	3-11	
Engine Lacks Power .....	24-2	
Engine Removal/Installation .....	7-2	
Engine Oil .....	3-8	
Exhaust Pipe .....	2-18	
Fairing Pocket .....	2-6	
Final Gear Case Assembly .....	12-6	
Disassembly .....	12-4	
Removal/Installation .....	12-3	
Fork Removal/Installation .....	13-11	
Front Brake Caliper Disassembly/Assembly .....	15-12	
Front Fender (LBS-ABS/TCS model) .....	2-11	
Front Master Cylinder Disassembly/Assembly .....	15-10	
Front Modulator Removal/Installation ('92-'95) ...	16-A-52	
(After '95) .	16-B-36	
Front Turn Signal .....	21-3	
Front Wheel Disassembly/Assembly .....	13-10	
Removal/Installation .....	13-6	
Fuel Cut-off Relay .....	21-5	
Fuel Light Test Circuit Inspection .....	21-6	
Fuel Pump Inspection .....	21-6	
Removal/Installation .....	21-7	
Fuel Tank .....	2-12	
Gearshift Linkage Removal/Installation.....	10-2	
General Safety .....	1-1	
Handlebar Cover Removal/Installation .....	13-2	
Handlebar Removal/Installation .....	13-4	
Headlight .....	21-3	
Headlight Aim .....	3-14	
High Altitude Adjustment (U.S.A. Only) .....	5-16	
Ignition Coil.....	18-7	
Ignition Pulse Generator Inspection .....	18-8	
Ignition Pulse Generator Removal/Installation .....	18-9	
Ignition System Inspection .....	18-6	
Ignition Timing .....	18-10	
Indicator Bulb Replacement .....	21-4	
Instrument Panel .....	2-7	
Left Fork Assembly.....	13-18	
Disassembly .....	13-14	
Lower fairing .....	2-4	
Lubrication & Seal Points .....	1-23	
Lubrication System Diagram.....	4-2	
Maintenance Cover .....	2-5	
Maintenance Schedule .....	3-4	
Middle Fairing.....	2-8	
Middle Fairing Inner Cover.....	2-7	
Model Identification .....	1-3	
Muffler.....	2-13	
Oil Cooler Removal/Installation .....	4-4	
Oil Pump Disassembly/Assembly .....	4-8	
Removal/Installation .....	4-6	
Pilot Screw Adjustment .....	5-12	
Piston Removal/Installation .....	11-8	
Pivot Cover.....	2-5	
Poor Handling .....	24-4	
Poor Performance at High Speed .....	24-4	
Poor Performance at Low and Idle Speeds .....	24-3	
Primary Damper Shaft Disassembly/Assembly .....	10-5	
Primary Drive Gear/Stator Clutch Removal/		
Installation .....	11-10	
Proportional Control Valve Removal/Installation		
(LBS-ABS/TCS model) .....	15-29	
Radiator Coolant.....	3-11	
Radiator Disassembly/Assembly .....	6-6	
Removal/Installation .....	6-5	
Radiator Reserve Tank Removal/Installation .....	6-8	
Rear Brake Caliper Disassembly/Assembly .....	15-20	
Rear brake Pedal Removal/Installation .....	15-24	
Rear Fender.....	2-4	
Rear Master Cylinder Disassembly/Assembly .....	15-16	

Rear Modulator Removal/Installation ('92-'95) .....	16-A-54	Technical Features	
(After '95) ..	16-B-38	ABS ('92-'95) .....	23-1
Rear Turn Signal and Brake/Taillight .....	21-3	(After '95) .....	23-10
Rear Wheel Disassembly/Assembly .....	14-4	LBS (After '95) .....	23-17
Removal/Installation .....	14-2	TCS (After '91) .....	23-23
Rearview Mirror .....	2-8	Thermostat Removal/Installation .....	6-10
Regulator/Rectifier ('91-'95) .....	17-7	Timing Belt.....	3-12
Right Fork Assembly .....	13-26	Timing Belt Cover Removal/Installation .....	8-3
Disassembly .....	13-22	Timing Belt Pulley Removal/Installation .....	8-10
Saddlebag .....	2-2	Tools .....	1-21
Saddlebag Stay .....	2-3	Top Shelter .....	2-5
Seat.....	2-2	Torque Valves .....	1-17
Seat Cowling.....	2-3	Transmission Disassembly/Assembly .....	10-8
Secondary Master Cylinder Disassembly/Assembly		Removal/Installation .....	10-6
(LBS-ABS/TCS model).....	15-26	Transmission Unit/Primary Damper Shaft	
Service Access Guide.....	3-2	Removal/Installation .....	10-4
Service Information		Troubleshooting	
ABS ('92-'95) .....	16-A-1	ABS ('92-'95) .....	16-A-5
(After '95) .....	16-B-1	(After '95) .....	16-B-5
Brake System .....	15-1	Brake System .....	15-1
Charging System/Alternator .....	17-1	Charging System/Alternator .....	17-4
Clutch .....	9-1	Clutch .....	9-1
Cooling System .....	6-1	Cooling System .....	6-1
Crankcase/Piston/Crankshaft .....	11-1	Crankcase/Piston/Crankshaft .....	11-1
Cylinder Head .....	8-1	Cylinder Head .....	8-1
Electric Starter .....	20-1	Electric Starter .....	20-4
Engine Removal/Installation .....	7-1	Final Drive .....	12-1
Final Drive .....	12-1	Front Wheel/Suspension/Steering .....	13-1
Frame/Body Panels/Exhaust System .....	2-1	Fuel System .....	5-2
Front Wheel/Suspension/Steering .....	13-1	Gearshift Linkage/Transmission .....	10-1
Fuel System .....	5-1	Ignition System .....	18-4
Gearshift Linkage/Transmission .....	10-1	Lubrication System .....	4-1
Ignition System .....	18-1	Rear Wheel/Suspension .....	14-1
Lights/Meters/Switches .....	21-1	TCS .....	19-5
Lubrication System .....	4-1	Upper Fairing .....	2-9
Maintenance .....	3-1	Valve Clearance .....	3-6
Rear Wheel/Suspension .....	14-1	Water Pump Removal/Installation .....	6-7
TCS .....	19-1	Wheel Sensor Air Gap Inspection ('92-'95) .....	16-A-51
Shock Absorber Disassembly/Assembly.....	14-7	(After '95) .....	16-B-34
Removal/Installation .....	14-6	Windshield .....	2-6
Side Cover .....	2-2	Wiring Diagram .....	22-1
Side Stand Switch .....	21-4		
Spark Plugs .....	3-6		
Specifications .....	1-4		
Stator Coil Removal/Installation ('91-'95) .....	17-8		
Starter Motor Disassembly/Assembly .....	20-7		
Removal/Installation .....	20-6		
Steering Stem Removal/Installation .....	13-30		
Swingarm Removal/Installation .....	14-8		
System Flow Pattern .....	6-2		
System Location			
ABS ('92-'95) .....	16-A-2		
(After '95) .....	16-B-2		
Charging System/Alternator .....	17-2		
Electric Starter .....	20-2		
Ignition System .....	18-2		
Lights/Meters/Switches .....	21-2		
TCS .....	19-2		
TCS System Wiring Connections/Locations .....	19-3		
TCS Circuit Diagram.....	19-4		