

1999 FORD F 150 4WD V8-5.4L SOHC VIN 3

TABLE OF CONTENTS

ENGINE		TRANSMISSIONS - A/T CIRCUIT (4R70W)	31
ENGINE CONTROL MODULE	2	TRANSMISSIONS - A/T CIRCUIT (4R100)	32
ENGINE CONTROL MODULE	3	TRACTION CONTROL SYSTEMS	
ENGINE CONTROL MODULE	4	ANTI-LOCK BRAKES - ALL/WHEEL ABS CIRCUIT	
ENGINE CONTROL MODULE	5	33
STARTING/CHARGING - CHARGING CIRCUIT ...	6	ANTI-LOCK BRAKES - REAR WHEEL ABS	
STARTING/CHARGING - STARTING CIRCUIT	7	CIRCUIT.....	34
ELECTRICAL & POWER CONTROL		VENTILATION, HEATER & AIR CONDITIONER	
BODY CONTROL MODULE	8	AIR CONDITIONING - HEATER CIRCUIT	35
BODY CONTROL MODULE	9	AIR CONDITIONING - MANUAL A/C CIRCUIT ...	36
INFORMATION BUS-COMPUTER DATA LINES...	10	SENSOR AND SWITCHES	
DRIVER CONTROLS		CAMSHAFT POSITION SENSOR	37
CRUISE CONTROL	11	DATA LINK CONNECTOR (DLC)	38
EXTERIOR LIGHTS - BACK-UP LAMPS		DIGITAL TRANSMISSION RANGE SENSOR	
CIRCUIT.....	12	(DTR).....	39
EXTERIOR LIGHTS - EXTERIOR LAMPS		FUEL INJECTOR	40
CIRCUIT.....	13	HEATED OXGEN SENSOR #11/#21	41
EXTERIOR LIGHTS - TRAILER-CAMPER		HEATED OXYGEN SENSORR #12/#22-OUTPUT	
ADAPTER CIRCUIT.....	14	SHAFT SPEED SENSOR	42
HEADLIGHTS - AUTOLAMPS & FOG		IGNITION SWITCH.....	43
LAMPS CIRCUIT (W/DRL)	15	INTAKE AIR TEMPERATURE SENSOR	44
HEADLIGHTS - AUTOLAMPS & FOG LAMPS		KNOCK SENSOR/THROTTLE POSITION	
CIRCUIT (W/O DRL).....	16	SENSOR.....	45
HEADLIGHTS - HEADLAMPS & FOG LAMPS		MASS AIR FLOW METER SENSOR (MAF).....	46
CIRCUIT (W/ DRL)	17	TURBINE SHAFT SPEED SENSOR (TSS)	47
HEADLIGHTS - HEADLAMPS & FOG LAMPS		POWERTRAIN CONTROL MODULE	48
CIRCUIT (W/O DRL).....	18	POWERTRAIN CONTROL MODULE	49
HORNS.....	19	POWERTRAIN CONTROL MODULE	50
INSTRUMENT CLUSTER.....	20	POWER AND GROUND DISTRIBUTION	
INTERIOR LIGHTS - COURTESY LAMPS		BATTERY JUNCTION BOX	51
CIRCUIT.....	21	BATTERY JUNCTION BOX	52
INTERIOR LIGHTS - INSTRUMENT		CENTRAL JUNCTION BOX	53
ILLUMINATION CIRCUIT	22	CENTRAL JUNCTION BOX	54
MIRRORS	23	GLOSSARY	
RESTRAINTS		GLOSSARY OF TERMS	55
POWER WINDOWS	24	GLOSSARY OF TERMS	56
SUPPLEMENTAL RESTRAINTS.....	25		
RADIO, STEREO, AND COMPACT DISC			
SOUND SYSTEMS - W/CD CHANGER.....	26		
SOUND SYSTEMS - W/O CD CHANGER	27		
TRANSMISSION AND DRIVERTRAIN			
SHIFT INTERLOCK.....	28		
TRANSMISSIONS - 4WD CIRCUIT			
(ELECTRONIC)	29		
TRANSMISSIONS - 4WD CIRCUIT			
(MECHANICAL)	30		

