

DYNA 4000SP REMOTE DISPLAY

MODEL DRD-1

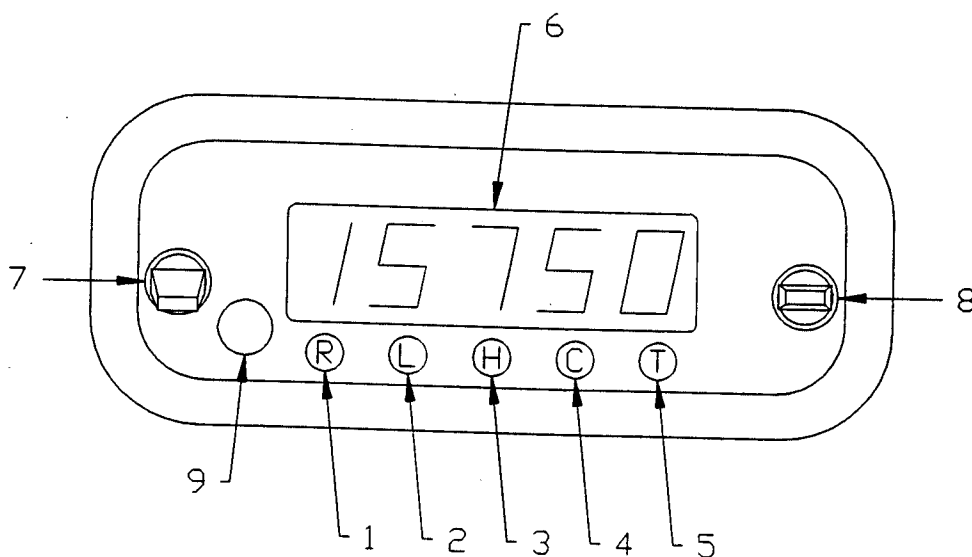
OPERATING INSTRUCTIONS

FUNCTIONS

The DRD-1 Remote Display allows setting the DYNA 4000SP launch limit and overrev limit from 2000 to 16000 RPM.

The Display features a Test Mode which provides simulated pickup signals for verification of rev limits, clutch switch, shift light, and shift kill.

The Display continuously indicates clutch switch condition for easy adjustment of the clutch switch.



FRONT PANEL FEATURES

- | | |
|-----------------------------|-----|
| 1) RPM LED | "R" |
| 2) Launch Limit LED | "L" |
| 3) Overrev (high) limit LED | "H" |
| 4) Clutch status LED | "C" |
| 5) Test Mode LED | "T" |
| 6) RPM display | |
| 7) Mode Selector switch | |
| 8) UP/DOWN switch | |

OPERATING MODES

The operating mode is selected by lifting the Mode Selector switch.

RPM MODE

The RPM mode is active when the "R" LED is illuminated. In the RPM mode the display shows the engine RPM. The "L" or "H" LED will flash when the engine is at the launch or high limit. The "C" LED lights whenever the clutch switch is closed.

SET LAUNCH LIMIT MODE

The Set Launch Limit mode is active when the "L" LED is illuminated. In the Set Launch Limit mode the display shows the launch limit. The UP/DOWN switch will change the launch limit. Engine operation is the same as in RPM mode, with the clutch switch selecting launch or high rev limit. The "L" LED will flash if the engine RPM is raised to the launch limit with the clutch switch closed. The "H" and "C" LED's will function as in the rpm mode.

SET OVERREV (HIGH) LIMIT MODE

The Set Overrev Limit mode is active when the "H" LED is illuminated. In the Set Overrev Limit mode the display shows the overrev limit. The UP/DOWN switch will change the overrev limit. Engine operation is the same as in RPM mode, with the clutch switch selecting launch or high rev limit. The "H" LED will flash if the engine RPM is raised to the overrev limit with the clutch switch open. The "L" and "C" LED's will function as in the rpm mode.

TEST MODE

CAUTION! THE DYNA 4000SP WILL GENERATE SPARKS IN TEST MODE. Remove the plug wires from spark plugs installed in the engine to prevent ignition of residual fuel. Connect the plug wires to spare plugs or ignition testers to observe DYNA 4000SP operation. Ground the spare plugs or testers to the engine.

NOTE: The test mode is ended if the engine is started, or the crankshaft is rotated.

The Test Mode is active when the "T" LED is illuminated. The simulated RPM may be set with the UP/DOWN switch between 0 and 16000 RPM. All ignition functions operate normally in test mode. Operation of the rev limits, clutch switch, and shift kill, and other devices such as the shift light, RPM switches, and the tach, can be checked.

The supplied handlebar clamp fits 7/8" bars. Clamps for 1" bars are available. Call for details.

WIRE COLOR	<u>DRD-1 connection</u>		NEXT TO EXISTING:
	PIN NO. (4 PIN CONS.)	PIN NO. (21 PIN CON.)	
WHITE/RED	1	2	BLACK/WHITE
BLACK/WHITE	2	1	(CORNER PIN, LATCH SIDE)
GREY	3	11	(CORNER PIN, OTHER SIDE)
ORANGE	4	12	WHITE/BLACK

#	<u>DRD-1</u>		<u>Dyna 4000SP connector</u>				<u>COILS</u>			#	
	BK/WH	WH/RD	CRANK TRIG BK/WH RD/BK	GRN	(LATCH)	OR/WH	BK/WH	RED	BLUE		WHITE
1	BK/WH	WH/RD	BK/WH RD/BK	GRN	(LATCH)	OR/WH	BK/WH	RED	BLUE	WHITE	10
11	GREY	ORANGE	WH/BK BU/BK	(none)	BROWN	VI/WH	RD/WH	RED	YELLOW	VIO	21