

#10-R-2215284

41 PAGES
OF SPECS

NEW LATEST MODEL POLICE MOTORCYCLE

SPECIFICATIONS: ENGINE – Piston displacement of not less than 1690cc OHV Twin Cam Vibration Isolated V-Twin, air cooled with two cylinders equipped with overhead valves and featuring EITMS (Engine Idle Temperature Management System), producing minimal vibration frequencies and magnitudes. Engine and transmission isolated from motorcycle frame through a rubber mounting system.

1. Powertrain deluxe chrome group designed for low maintenance; black wrinkle paint finish on engine; chrome rocker boxes, timer cover, outer primary housing & transmission covers.
2. Compression ratio: 9:6:1
3. Electronic Sequential Port Fuel Injection System (ESPFI)
4. Chain Drive Twin Cams.

Clutch/Transmission

1. Clutch shall be of the latest multiple nine (9) plate design wet.
2. Transmission to be latest design, manual type, with not less than six (6) forward speeds.
3. Requires clutch disengaged for starter motor operation; low effort hand levers.
4. Primary Drive, double-row chain, 34/36 ratio.
5. Chrome, cross-over dual exhaust system.
6. Greaseless shifter shaft with “anti-vibration” rubber spacers.
7. Gear Ratios

1 st	-	9.312
2 nd	-	6.421
3 rd	-	4.774
4 th	-	3.926
5 th	-	3.279
6 th	-	2.790

Brakes – With anti lock brake system

Disc brakes for both front and rear wheels. Front brake having dual 11.5-inch diameter drilled discs; rear brakes shall be single disc. Brakes shall be relatively free of heat fade, with four (4) piston calipers and flat expanding rotors.

Suspension

1. Motorcycles shall be provided with a suspension system to permit optimum handling conditions as required in law enforcement.

2. 41.3 mm telescopic front forks with cartridge style damping.
3. Rear air-adjustable shocks.
4. Rear suspension swing arm bearings shall require no lubrication for life of the motorcycle.

Wheels / Tires

1. 9 Spoke Cast Aluminum wheels, rim material to be impermeable to compressed air.
2. Tubeless type tires to have non-skid tread, designed to operate on paved highways and shall have a full, four-ply fabric enforcement. Manufacturer, Dunlop: front and rear MT90B16 blackwall D402PT tires. Bead retention tires designed to remain on wheel during sudden loss of air pressure.
3. Sealed automotive style wheel bearings requiring no endplay adjustment and service interval of 100,000 miles (160,000km)

Fuel Tank – to have a capacity of six (6) U.S. gallons (or 22.71 liters). Must provide a minimum of 1 gal (3.8L) reserve fuel capacity when main supply is exhausted.

1. Electric fuel pump.
2. Low fuel light indicator.

Electrical System

1. Battery. Sealed, heavy-duty maintenance-free, 12-volt, minimum rated capacity – 28 ampere hours (Battery Council International rating), 270 cold cranking amps.
2. Ignition. Non-waste spark, alfa control.
3. Charging System. Three-phase, 50-amp high output alternator, solid state regulator.
4. Connectors. Industrial grade throughout, provided with electrical accessory connection.
5. Hand Controls. Water-resistant, integrated switches.
6. Starting System. 12-volt starter, solenoid operated engagement, relay required.
7. Horn. Sound level audible above motorcycle and traffic-generated noise.
8. Lighting. Each motorcycle shall be provided with the following lighting equipment:

- a. Quartz Halogen Headlight, 55 watt low beam and 60 watt high beam.
- b. Pursuit lamps front mounted PAR-3, all blue LLED.
- c. Tail light.
- d. Turn Signals, self-canceling system.
- e. Flashers, four-way, integrated into turn signal switches.
- f. License plate lighting, two blue indicator lamps.
Lens on lights must be all blue.

Visual Displays

- 1. Speedometer. Analog speedometer, range 0-120 mph (or kph equivalent) , re-settable trip meter.
- 2. Odometer. Calibrated, cumulative.
- 3. Tachometer. Analog.
- 4. Fuel level gauge.
- 5. Pursuit lamp indicator.
- 6. Sight glass on brake master cylinders.
- 7. Low fuel indication lamp.
- 8. Turn Signals.
- 9. Neutral
- 10. High beam
- 11. Oil pressure
- 12. Engine diagnostic light

Feature Requirements

- 1. Seat. Deluxe solo air saddle, special police type, breathable material covering, rear back support, quick release mechanism; single air bladder with reservoir and integral gauge.
- 2. Side Stand. Jiffy stand, rubber bumper design.
- 3. Foot Boards. Adjustable, three position pivoting type, with non-skid rubber pads.
- 4. Engine Guards. Front engine guard and rear guard bars.
- 5. Saddlebags. Factory installed, law enforcement type injection Molded GTX fiberglass saddlebags, water-resistant, utilizing police style speed latches.
- 6. Drive. Final belt drive, Gates Aramid fiber, reinforced Poly Chain.
- 7. Fairing & Windshield. Fork mounted fairing with windshield of Lexan or clear polycarbonate, designed to break away with minimal force.
- 8. Mirrors. Two (2) long stem true image mirrors.
- 9. Key. One key fits all locks.

10. Wheelbase. 63.5 inches (1612.9 mm).
11. Seat Laden Height. 27.3 in. (693.4mm).
12. Service Intervals. 1st 1000 miles and then every 5000 miles thereafter.
13. Fender Tip Running Lights. Amber at front, red at rear.
14. Warranty. 24 months, unlimited mileage.
15. Police tour pack – Black with sealed battery.
16. Police LED light kit.
17. Siren
18. Siren AMP Box
19. Mic Holder
20. Parts Manual
21. Service Manual

Color to be Diamond Ice Metallic #S28243

**This Motorcycle must be a 2009/2010 Harley Davidson Police FLHTP
Electric Glide**