

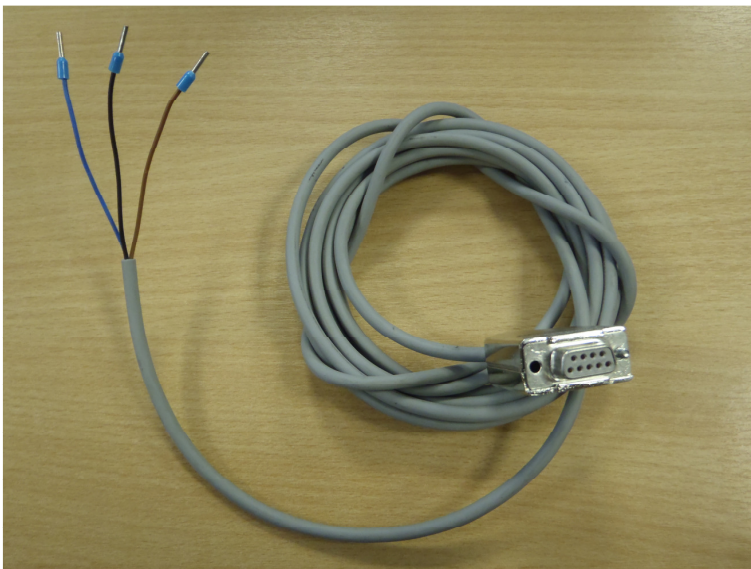
RAPISCAN EAGLE SERVICE TOOLS AND EQUIPMENT

MAINTENANCE TOOLS AND EQUIPMENT

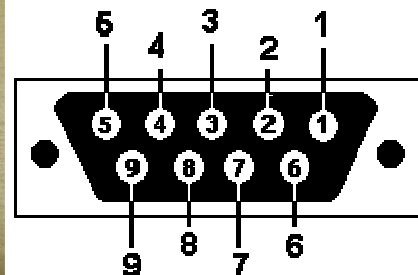
1. The recommended set of Tools and additional equipment to carry out Service and Maintenance procedures on Rapiscan Systems Eagle Series Hi-Energy Scanning Equipment

CONNECTOR CABLES

2. To enable diagnostic connection to the generic Eagle Mobile (inc the M60) HMI Programmable Logic Controller the following connector cables are required:
 - a. CAT 5 Patch cable (for HMI Module).
 - b. RS232 programming lead with free end (for PLC module). This cable is not supplied by the Manufacturer and needs to be made locally using 9 Way D-type Female Serial Connector and 3 Core Cable according to the Pin Connection Diagram shown below.



1 x RS232 as above with a free end



RS232 Female pin outs

Pin outs for RS232 Lead

Free End
 RX
 TX
 GND

RS232 Plug
 Pin 3 TX
 Pin 2 RX
 Pin 5 GND

GENERIC BASELINE TOOLS LIST

Internal Clip Pliers
External Clip Pliers
Utility Knife
Tap & Die Set
Sealant Gun
Spirit Level
Wire Brush
Electrical Extension Lead (Reel)
Tyre Pressure Gauge
Tape Measure (10M+50M)
Set Square
Screw Extractor
File Set (Flat and ½ Round)
Pin Punch Set
Center Puch
Filter Wrench (Large and Small)
Allen Key/ Hex Wrench Set
Hammer
Power Tool/Screwdriver Bit Set
Steel Rule(Metric and Imperial)
Drill Bit Set (to 13mm)
Slip Joint Pliers
Spanner Set (Imperial)
Spanner Set (Metric)
Breaker Bar (½ Inch drive)
Adjustable Spanners (Set)
Hacksaw
Oil Suction Syringe
Pry Bar Set
Socket Set (1/2 Inch Drive)
Lump/Club Hammer
Impact Driver (manual type)
Angle Grinder 115mm
LAN Tester
Soldering Iron
Bootlace Ferrule Crimper
Ratchet Crimping Tool
Wire Stripper
Multi-meter
RJ45 Crimping Tool
Pliers (Set Various)
Tool Bag
Grease Gun with Hoses and Adaptors
Screwdrivers (Set)
Electricians Screwdrivers (Set)
Oil Jug (5 Litre)
Funnel
Oil Extractor
Flashlight