

**Manual for Disposal of Part / Product  
Manufactured by Gilard (Stewardship)**

**1. OBJECTIVE:**

To dispose the part / product after end-of-life cycle or damage as unusable where used material will not impact the environment, health and safety.

**2. PURPOSE:**

To define safe, environmentally responsible, and legally compliant methods for disposal of manufactured electrical and electronic components at end-of-life, rejection, damage, or obsolescence stage.

**3. DISPOSAL GUIDELINES: For Automotive & Non-Automotive Components and Applications.**

**3.1 Applicable Products:**

1. Connectors
2. Sockets
3. Terminal Blocks
4. Switches

**4. SCOPE:**

These guidelines apply to:

- Customers
- Dealers
- OEMs
- Service centres
- Internal scrap disposal

**5. GENERAL DISPOSAL PRINCIPLES (Applicable to All Categories):**

- Do not dispose with household waste
- Follow local E-waste, Plastic Waste, and Metal Scrap regulations
- No open burning
- Avoid crushing without segregation
- Dismantle parts where feasible to segregate materials
- Maintain disposal records if disposed in bulk

**6. CATEGORY-WISE DISPOSAL GUIDELINES:**

**6.1 CONNECTORS:**

Material Composition:

- Plastic housing (PA, Nylon, PVC, etc.)
- Copper / Brass / Tin-plated terminals
- Sometimes rubber seals or gaskets

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**Disposal Method:**

1. Segregate connector from wiring harness if attached
2. Separate metal terminals from plastic housing (where possible)
3. Dispose as:
  - Plastic scrap → Authorized plastic recycler
  - Metal scrap → Authorized metal scrap recycler
4. If dismantling is not feasible:
  - Dispose as E-waste through authorized E-waste recycle

**Environmental Precautions:**

- Avoid shredding without dust control
- Do not landfill mixed connectors

**6.2 SOCKETS:**

**Material Composition:**

- Plastic body
- Metallic contacts (copper alloy / brass)
- Occasionally ceramic parts (in industrial sockets)

**Disposal Method:**

1. Disconnect from power source completely
2. Remove attached cables or pins
3. Segregate:
  - Plastic body → Plastic recycling stream
  - Metal contacts → Metal recycling stream
4. Ceramic parts → Dispose as inert industrial waste or as per local guidelines
5. Bulk quantity → Authorized E-waste recycle

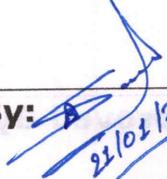
**Environmental Precautions:**

- Ensure no live electrical source
- Avoid breaking ceramic parts into fine dust

**6.3 TERMINAL BLOCKS:**

**Material Composition:**

- Thermoplastic housing
- Copper / brass terminals
- Steel screws (sometimes zinc-plated)

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**Disposal Method:**

1. Remove wiring from terminal block
2. Dismantle:
  - Screws → Steel scrap
  - Terminals → Copper scrap
  - Housing → Plastic scrap
3. Dispose through authorized recycles
4. Mixed or non-separable blocks → E-waste channel

**Environmental Precautions:**

- Do not incinerate plastic housings
- Prevent small metal parts from entering soil or drains

**6.4 SWITCHES:**

**Material Composition:**

- Plastic or Bakelite housing
- Copper contacts
- Springs (steel)
- electronic components

**Disposal Method:**

1. Ensure switch is electrically isolated
2. Dismantle if possible:
  - Metal contacts → Metal recycling
  - Plastic body → Plastic recycling
  - PCB (if any) → Authorized E-waste recycler
3. Fully assembled switches → E-waste recycler

**Environmental Precautions:**

- Avoid crushing PCB-based switches
- Do not landfill Bakelite or phenolic materials

**6.5 BULK / INDUSTRIAL SCRAP DISPOSAL:**

**For large quantities:**

- Engage authorized E-waste recyclers
- Maintain:
  - Scrap quantity record

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- Disposal certificate
  - Recycler authorization details
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- Follow CPCB / SPCB guidelines (India) or applicable local regulations

**7. REGULATORY COMPLIANCE (REFERENCE):**

- E-Waste Management Rules
- Plastic Waste Management Rules
- Local Pollution Control Board norms
- OEM or customer-specific disposal requirements

**8. RESPONSIBILITY DISCLAIMER:**

1. The manufacturer shall not be responsible for improper disposal by end users.
2. Users are responsible for complying with local environmental and waste management laws.

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