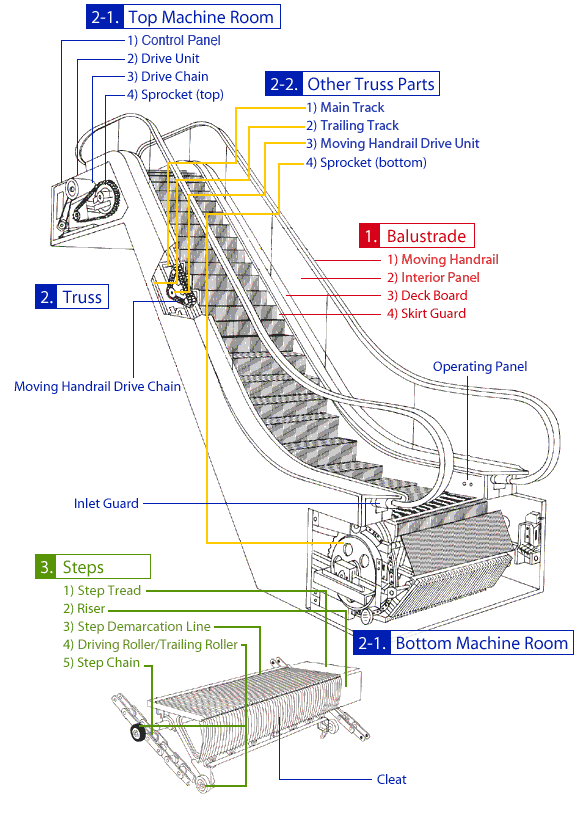
***Complete the diagram below with the description on the next pages:***



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| --- |
| **[1] Balustrade** |

http://www.mitsubishi-elevator.com/images/spacer.gif

The side of an escalator extending above the Steps, which includes Skirt Guard, Interior Panel, Deck Board and Moving Handrails.

http://www.mitsubishi-elevator.com/images/spacer.gif

|  |  |
| --- | --- |
| 1) | Moving Handrail |

http://www.mitsubishi-elevator.com/images/spacer.gif

A handhold that moves along the top of the Balustrade in synchronization with the Steps.

http://www.mitsubishi-elevator.com/images/spacer.gif

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| --- | --- |
| 2) | Interior Panel |

http://www.mitsubishi-elevator.com/images/spacer.gif

The major panel portion of the Balustrade located immediately below the Moving Handrails, made of glass.

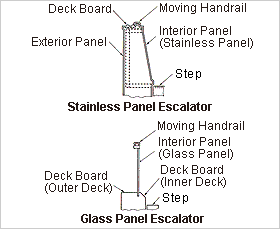
http://www.mitsubishi-elevator.com/images/spacer.gif

|  |  |
| --- | --- |
| 3) | Deck Board |

http://www.mitsubishi-elevator.com/images/spacer.gif

A decorative capping member of the balustrade of an escalator, which continues in the traveling direction (see figure below).

http://www.mitsubishi-elevator.com/images/spacer.gif



http://www.mitsubishi-elevator.com/images/spacer.gif

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| --- | --- |
| 4) | Skirt Guard |

The lowest panel within the Balustrade, located immediately below the Inner Deck and adjacent to the Steps at a slight gap from the Steps

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| --- |
| **[2] Truss** |

http://www.mitsubishi-elevator.com/images/spacer.gif

Assembly of structural steel that supports the weight and load of an escalator. (A Control Panel, Drive Units for Steps and Moving Handrails and other components are housed inside the structure.)

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| --- |
| ***[2-1] Top Machine Room/Bottom Machine Room*** |

http://www.mitsubishi-elevator.com/images/spacer.gif

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| 1) | Control Panel |

http://www.mitsubishi-elevator.com/images/spacer.gif

Controls stop/start operation and also supplies electric power to the Drive Unit.

http://www.mitsubishi-elevator.com/images/spacer.gif

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| 2) | Drive Unit |

http://www.mitsubishi-elevator.com/images/spacer.gif

A unit to drive the escalator comprised of electric motor, decelerator, electromagnetic brake, V belt, Sprocket, and other components.

http://www.mitsubishi-elevator.com/images/spacer.gif

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| 3) | Drive Chain |

http://www.mitsubishi-elevator.com/images/spacer.gif

A chain that transmits the Drive Unit’s power to the drive wheel (Sprocket).

http://www.mitsubishi-elevator.com/images/spacer.gif

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| 4) | Sprocket (top/bottom) |

http://www.mitsubishi-elevator.com/images/spacer.gif

Drive wheels installed at top and bottom to drive the Steps. The top Sprocket drives the moving Steps, while the bottom sprocket turns the Steps.

http://www.mitsubishi-elevator.com/images/spacer.gif

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| --- | --- | --- | --- | --- | --- | --- | --- |
| |  | | --- | | ***[2-2] Other Truss Parts*** |   http://www.mitsubishi-elevator.com/images/spacer.gif   |  |  | | --- | --- | | 1) | Main Track |   http://www.mitsubishi-elevator.com/images/spacer.gif  A rail to guide the Driving Rollers.  http://www.mitsubishi-elevator.com/images/spacer.gif   |  |  | | --- | --- | | 2) | Trailing Track |   http://www.mitsubishi-elevator.com/images/spacer.gif  A rail to guide the Trailing Rollers.  http://www.mitsubishi-elevator.com/images/spacer.gif   |  |  | | --- | --- | | 3) | Moving Handrail Drive Unit |   http://www.mitsubishi-elevator.com/images/spacer.gif  A device that indirectly drives the Moving Handrail at the same speed as the Steps via the Moving Handrail Drive Chain.  http://www.mitsubishi-elevator.com/images/spacer.gif |

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| |  | | --- | | **[3] Step** |   http://www.mitsubishi-elevator.com/images/spacer.gif  The moving platform on which escalator passengers ride.  http://www.mitsubishi-elevator.com/images/spacer.gif   |  |  | | --- | --- | | 1) | Step Tread |   http://www.mitsubishi-elevator.com/images/spacer.gif  The part of the step where a passenger stands.  http://www.mitsubishi-elevator.com/images/spacer.gif   |  |  | | --- | --- | | 2) | Riser |   http://www.mitsubishi-elevator.com/images/spacer.gif  The upright part of a Step.  http://www.mitsubishi-elevator.com/images/spacer.gif   |  |  | | --- | --- | | 3) | Step Demarcation Line |   http://www.mitsubishi-elevator.com/images/spacer.gif  A yellow line along both sides of a Step to demarcate the proper standing area, thereby preventing passengers from coming into contact with the Skirt Guard and stumbling.  http://www.mitsubishi-elevator.com/images/spacer.gif   |  |  | | --- | --- | | 4) | Driving Roller/Trailing Roller |   http://www.mitsubishi-elevator.com/images/spacer.gif  Each Step is linked to the Step Chains via the Step shaft and the wheels. The front wheel is called the Driving Roller and the rear wheel is called the Trailing Roller.  http://www.mitsubishi-elevator.com/images/spacer.gif   |  |  | | --- | --- | | 5) | Step Chain |   http://www.mitsubishi-elevator.com/images/spacer.gif  A chain, located on both sides of an escalator, connecting the Steps and driven by the Step Chain Sprocket.  http://www.mitsubishi-elevator.com/images/spacer.gif   |  |  | | --- | --- | | http://www.mitsubishi-elevator.com/images/dotted_indent.gif | Floor Plate |   A removable steel plate finished with anti-slip patterns, typically situated above the escalator trusswork at the boarding and landing areas.  http://www.mitsubishi-elevator.com/images/spacer.gif   |  |  | | --- | --- | | http://www.mitsubishi-elevator.com/images/dotted_indent.gif | Comb Plate |   The section of the Floor Plate on which the comb teeth segments are mounted.  http://www.mitsubishi-elevator.com/images/spacer.gif  http://www.mitsubishi-elevator.com/overview/e_m_walks/images/img_e_s_equ00_3.jpg  http://www.mitsubishi-elevator.com/images/spacer.gif   |  |  | | --- | --- | | http://www.mitsubishi-elevator.com/images/dotted_indent.gif | Comb |   A section or steel plate with teeth that mesh with the Step cleats at the boarding and landing areas, to prevent fingers, feet or foreign objects from getting caught between the moving Steps and Floor Plate.  http://www.mitsubishi-elevator.com/images/spacer.gif  http://www.mitsubishi-elevator.com/overview/e_m_walks/images/img_e_s_equ00_4.jpg  http://www.mitsubishi-elevator.com/images/spacer.gif   |  |  | | --- | --- | | http://www.mitsubishi-elevator.com/images/dotted_indent.gif | Round Light |   A round light installed on the Interior Panel at the boarding and landing areas.  http://www.mitsubishi-elevator.com/images/spacer.gif   |  |  | | --- | --- | | http://www.mitsubishi-elevator.com/images/dotted_indent.gif | Comb Light |   Lighting provided at Comb level at the terminal ends of an escalator for increased illumination.  http://www.mitsubishi-elevator.com/images/spacer.gif  http://www.mitsubishi-elevator.com/overview/e_m_walks/images/img_e_s_equ00_5.jpg  http://www.mitsubishi-elevator.com/images/spacer.gif   |  |  | | --- | --- | | http://www.mitsubishi-elevator.com/images/dotted_indent.gif | Under-Handrail Lighting |   Lighting installed under the Moving Handrails (glass panel only). | |
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