# Error Code: 00001

Description: SCU: The emergency stop has been triggered. [STOP0]

Solution:

# Error Code: 00002

Description: SCU: User-defined safety IO emergency stop triggered. [STOP0]

Solution:

# Error Code: 00003

Description: SCU: Joint 1 torque limit exceeded error. [STOP0]

Solution:

# Error Code: 00004

Description: SCU: Joint 2 torque limit exceeded error. [STOP0]

Solution:

# Error Code: 00005

Description: SCU: Joint 3 torque limit exceeded error. [STOP0]

Solution:

# Error Code: 00006

Description: SCU: Joint 4 torque limit exceeded error. [STOP0]

Solution:

# Error Code: 00007

Description: SCU: Joint 5 torque limit exceeded error. [STOP0]

Solution:

# Error Code: 00008

Description: SCU: Joint 6 torque limit exceeded error. [STOP0]

Solution:

# Error Code: 00009

Description: SCU: Joint 7 torque limit exceeded error. [STOP0]

Solution:

# Error Code: 00010

Description: SCU: TCP X-axis force limit exceeded error. [STOP0]

Solution:

# Error Code: 00011

Description: SCU: TCP Y-axis force limit exceeded error. [STOP0]

Solution:

# Error Code: 00012

Description: SCU: TCP Z-axis force limit exceeded error. [STOP0]

Solution:

# Error Code: 00013

Description: SCU: TCP RX-axis force limit exceeded error. [STOP0]

Solution:

# Error Code: 00014

Description: SCU: TCP RY-axis force limit exceeded error. [STOP0]

Solution:

# Error Code: 00015

Description: SCU: TCP RZ-axis force limit exceeded error. [STOP0]

Solution:

# Error Code: 00016

Description: SCU: TCP joint force limit exceeded error. [STOP0]

Solution:

# Error Code: 20018

Description: SCU: Momentum limit enabled and exceeded error. [STOP1]

Solution:

# Error Code: 20019

Description: SCU: Power limit enabled and exceeded error. [STOP1]

Solution:

# Error Code: 20020

Description: SCU: TCP speed limit enabled and exceeded error. [STOP1]

Solution:

# Error Code: 20021

Description: SCU: TCP rotational speed limit exceeded error. [STOP1]

Solution:

# Error Code: 20022

Description: SCU: Elbow speed limit enabled and exceeded error. [STOP1]

Solution:

# Error Code: 20023

Description: SCU: Joint 1 speed limit exceeded. [STOP1]

Solution:

# Error Code: 20024

Description: SCU: Joint 2 speed limit exceeded. [STOP1]

Solution:

# Error Code: 20025

Description: SCU: Joint 3 speed limit exceeded. [STOP1]

Solution:

# Error Code: 20026

Description: SCU: Joint 4 speed limit exceeded. [STOP1]

Solution:

# Error Code: 20027

Description: SCU: Joint 5 speed limit exceeded. [STOP1]

Solution:

# Error Code: 20028

Description: SCU: Joint 6 speed limit exceeded. [STOP1]

Solution:

# Error Code: 20029

Description: SCU: Joint 7 speed limit exceeded. [STOP1]

Solution:

# Error Code: 20030

Description: SCU: Joint 1 torque limit exceeded error. [STOP1]

Solution:

# Error Code: 20031

Description: SCU: Joint 2 torque limit exceeded error. [STOP1]

Solution:

# Error Code: 20032

Description: SCU: Joint 3 torque limit exceeded error. [STOP1]

Solution:

# Error Code: 20033

Description: SCU: Joint 4 torque limit exceeded error. [STOP1]

Solution:

# Error Code: 20034

Description: SCU: Joint 5 torque limit exceeded error. [STOP1]

Solution:

# Error Code: 20035

Description: SCU: Joint 6 torque limit exceeded error. [STOP1]

Solution:

# Error Code: 20036

Description: SCU: Joint 7 torque limit exceeded error. [STOP1]

Solution:

# Error Code: 20017

Description: SCU: Manual-auto mode switch error occurred. [STOP1]

Solution:

# Error Code: 20037

Description: SCU: TCP X-axis force limit exceeded error. [STOP1]

Solution:

# Error Code: 20038

Description: SCU: TCP Y-axis force limit exceeded error. [STOP1]

Solution:

# Error Code: 20039

Description: SCU: TCP Z-axis force limit exceeded error. [STOP1]

Solution:

# Error Code: 20040

Description: SCU: TCP RX-axis force limit exceeded error. [STOP1]

Solution:

# Error Code: 20041

Description: SCU: TCP RY-axis force limit exceeded error. [STOP1]

Solution:

# Error Code: 20042

Description: SCU: TCP RZ-axis force limit exceeded error. [STOP1]

Solution:

# Error Code: 20043

Description: SCU: TCP joint force limit exceeded error. [STOP1]

Solution:

# Error Code: 40044

Description: SCU: Safety door stop signal enabled and triggered. [STOP2]

Solution:

# Error Code: 40045

Description: SCU: Joint 1 torque limit exceeded error. [STOP2]

Solution:

# Error Code: 40046

Description: SCU: Joint 2 torque limit exceeded error. [STOP2]

Solution:

# Error Code: 40047

Description: SCU: Joint 3 torque limit exceeded error. [STOP2]

Solution:

# Error Code: 40048

Description: SCU: Joint 4 torque limit exceeded error. [STOP2]

Solution:

# Error Code: 40049

Description: SCU: Joint 5 torque limit exceeded error. [STOP2]

Solution:

# Error Code: 40050

Description: SCU: Joint 6 torque limit exceeded error. [STOP2]

Solution:

# Error Code: 40051

Description: SCU: Joint 7 torque limit exceeded error. [STOP2]

Solution:

# Error Code: 40052

Description: SCU: TCP X-axis force limit exceeded error. [STOP2]

Solution:

# Error Code: 40053

Description: SCU: TCP Y-axis force limit exceeded error. [STOP2]

Solution:

# Error Code: 40054

Description: SCU: TCP Z-axis force limit exceeded error. [STOP2]

Solution:

# Error Code: 40055

Description: SCU: TCP RX-axis force limit exceeded error. [STOP2]

Solution:

# Error Code: 40056

Description: SCU: TCP RY-axis force limit exceeded error. [STOP2]

Solution:

# Error Code: 40057

Description: SCU: TCP RZ-axis force limit exceeded error. [STOP2]

Solution:

# Error Code: 40058

Description: SCU: TCP joint force limit exceeded error. [STOP2]

Solution:

# Error Code: 20301

Description: SCU: Joint 1 position limit exceeded error. [STOP1]

Solution:

# Error Code: 20302

Description: SCU: Joint 2 position limit exceeded error. [STOP1]

Solution:

# Error Code: 20303

Description: SCU: Joint 3 position limit exceeded error. [STOP1]

Solution:

# Error Code: 20304

Description: SCU: Joint 4 position limit exceeded error. [STOP1]

Solution:

# Error Code: 20305

Description: SCU: Joint 5 position limit exceeded error. [STOP1]

Solution:

# Error Code: 20306

Description: SCU: Joint 6 position limit exceeded error. [STOP1]

Solution:

# Error Code: 20307

Description: SCU: Joint 7 position limit exceeded error. [STOP1]

Solution:

# Error Code: 20308

Description: SCU: Tool 1 virtual wall 1 limit exceeded error. [STOP1]

Solution:

# Error Code: 20309

Description: SCU: Tool 1 virtual wall 2 limit exceeded error. [STOP1]

Solution:

# Error Code: 20310

Description: SCU: Tool 1 virtual wall 3 limit exceeded error. [STOP1]

Solution:

# Error Code: 20311

Description: SCU: Tool 1 virtual wall 4 limit exceeded error. [STOP1]

Solution:

# Error Code: 20312

Description: SCU: Tool 1 virtual wall 5 limit exceeded error. [STOP1]

Solution:

# Error Code: 20313

Description: SCU: Tool 1 virtual wall 6 limit exceeded error. [STOP1]

Solution:

# Error Code: 20314

Description: SCU: Tool 1 virtual wall 7 limit exceeded error. [STOP1]

Solution:

# Error Code: 20315

Description: SCU: Tool 1 virtual wall 8 limit exceeded error. [STOP1]

Solution:

# Error Code: 20316

Description: SCU: Tool 2 virtual wall 1 limit exceeded error. [STOP1]

Solution:

# Error Code: 20317

Description: SCU: Tool 2 virtual wall 2 limit exceeded error. [STOP1]

Solution:

# Error Code: 20318

Description: SCU: Tool 2 virtual wall 3 limit exceeded error. [STOP1]

Solution:

# Error Code: 20319

Description: SCU: Tool 2 virtual wall 4 limit exceeded error. [STOP1]

Solution:

# Error Code: 20320

Description: SCU: Tool 2 virtual wall 5 limit exceeded error. [STOP1]

Solution:

# Error Code: 20321

Description: SCU: Tool 2 virtual wall 6 limit exceeded error. [STOP1]

Solution:

# Error Code: 20322

Description: SCU: Tool 2 virtual wall 7 limit exceeded error. [STOP1]

Solution:

# Error Code: 20323

Description: SCU: Tool 2 virtual wall 8 limit exceeded error. [STOP1]

Solution:

# Error Code: 20324

Description: SCU: Tool 3 virtual wall 1 limit exceeded error. [STOP1]

Solution:

# Error Code: 20325

Description: SCU: Tool 3 virtual wall 2 limit exceeded error. [STOP1]

Solution:

# Error Code: 20326

Description: SCU: Tool 3 virtual wall 3 limit exceeded error. [STOP1]

Solution:

# Error Code: 20327

Description: SCU: Tool 3 virtual wall 4 limit exceeded error. [STOP1]

Solution:

# Error Code: 20328

Description: SCU: Tool 3 virtual wall 5 limit exceeded error. [STOP1]

Solution:

# Error Code: 20329

Description: SCU: Tool 3 virtual wall 6 limit exceeded error. [STOP1]

Solution:

# Error Code: 20330

Description: SCU: Tool 3 virtual wall 7 limit exceeded error. [STOP1]

Solution:

# Error Code: 20331

Description: SCU: Tool 3 virtual wall 8 limit exceeded error. [STOP1]

Solution:

# Error Code: 20332

Description: SCU: Tool 4 virtual wall 1 limit exceeded error. [STOP1]

Solution:

# Error Code: 20333

Description: SCU: Tool 4 virtual wall 2 limit exceeded error. [STOP1]

Solution:

# Error Code: 20334

Description: SCU: Tool 4 virtual wall 3 limit exceeded error. [STOP1]

Solution:

# Error Code: 20335

Description: SCU: Tool 4 virtual wall 4 limit exceeded error. [STOP1]

Solution:

# Error Code: 20336

Description: SCU: Tool 4 virtual wall 5 limit exceeded error. [STOP1]

Solution:

# Error Code: 20337

Description: SCU: Tool 4 virtual wall 6 limit exceeded error. [STOP1]

Solution:

# Error Code: 20338

Description: SCU: Tool 4 virtual wall 7 limit exceeded error. [STOP1]

Solution:

# Error Code: 20339

Description: SCU: Tool 4 virtual wall 8 limit exceeded error. [STOP1]

Solution:

# Error Code: 20340

Description: SCU: Tool 5 virtual wall 1 limit exceeded error. [STOP1]

Solution:

# Error Code: 20341

Description: SCU: Tool 5 virtual wall 2 limit exceeded error. [STOP1]

Solution:

# Error Code: 20342

Description: SCU: Tool 5 virtual wall 3 limit exceeded error. [STOP1]

Solution:

# Error Code: 20343

Description: SCU: Tool 5 virtual wall 4 limit exceeded error. [STOP1]

Solution:

# Error Code: 20344

Description: SCU: Tool 5 virtual wall 5 limit exceeded error. [STOP1]

Solution:

# Error Code: 20345

Description: SCU: Tool 5 virtual wall 6 limit exceeded error. [STOP1]

Solution:

# Error Code: 20346

Description: SCU: Tool 5 virtual wall 7 limit exceeded error. [STOP1]

Solution:

# Error Code: 20347

Description: SCU: Tool 5 virtual wall 8 limit exceeded error. [STOP1]

Solution:

# Error Code: 20348

Description: SCU: TCP virtual wall 1 limit exceeded error. [STOP1]

Solution:

# Error Code: 20349

Description: SCU: TCP virtual wall 2 limit exceeded error. [STOP1]

Solution:

# Error Code: 20350

Description: SCU: TCP virtual wall 3 limit exceeded error. [STOP1]

Solution:

# Error Code: 20351

Description: SCU: TCP virtual wall 4 limit exceeded error. [STOP1]

Solution:

# Error Code: 20352

Description: SCU: TCP virtual wall 5 limit exceeded error. [STOP1]

Solution:

# Error Code: 20353

Description: SCU: TCP virtual wall 6 limit exceeded error. [STOP1]

Solution:

# Error Code: 20354

Description: SCU: TCP virtual wall 7 limit exceeded error. [STOP1]

Solution:

# Error Code: 20355

Description: SCU: TCP virtual wall 8 limit exceeded error. [STOP1]

Solution:

# Error Code: 20356

Description: SCU: Elbow virtual wall 1 limit exceeded error. [STOP1]

Solution:

# Error Code: 20357

Description: SCU: Elbow virtual wall 2 limit exceeded error. [STOP1]

Solution:

# Error Code: 20358

Description: SCU: Elbow virtual wall 3 limit exceeded error. [STOP1]

Solution:

# Error Code: 20359

Description: SCU: Elbow virtual wall 4 limit exceeded error. [STOP1]

Solution:

# Error Code: 20360

Description: SCU: Elbow virtual wall 5 limit exceeded error. [STOP1]

Solution:

# Error Code: 20361

Description: SCU: Elbow virtual wall 6 limit exceeded error. [STOP1]

Solution:

# Error Code: 20362

Description: SCU: Elbow virtual wall 7 limit exceeded error. [STOP1]

Solution:

# Error Code: 20363

Description: SCU: Elbow virtual wall 8 limit exceeded error. [STOP1]

Solution:

# Error Code: 20364

Description: SCU: Tool deviation error. [STOP1]

Solution:

# Error Code: 00601

Description: SCU: Stop1 or Stop2 execution time exceeded the limit. [STOP0]

Solution:

# Error Code: 00602

Description: SCU: Movement occurred after executing Stop2. [STOP0]

Solution:

# Error Code: 02101

Description: SCU: ADC1 DMA timeout error. [STOP0]

Solution:

# Error Code: 02102

Description: SCU: ADC3 DMA timeout error. [STOP0]

Solution:

# Error Code: 02103

Description: SCU: ADC1 timeout error. [STOP0]

Solution:

# Error Code: 02104

Description: SCU: ADC3 timeout error. [STOP0]

Solution:

# Error Code: 02105

Description: SCU: 48V power voltage difference too high error. [STOP0]

Solution:

# Error Code: 02106

Description: SCU: 48V power CH1 voltage limit exceeded error. [STOP0]

Solution:

# Error Code: 02107

Description: SCU: 48V power CH2 voltage limit exceeded error. [STOP0]

Solution:

# Error Code: 02108

Description: SCU: 48V power down CH1 voltage limit exceeded. [STOP0]

Solution:

# Error Code: 02109

Description: SCU: 48V power down CH2 voltage limit exceeded. [STOP0]

Solution:

# Error Code: 02110

Description: SCU: Control power 3.3V voltage abnormal error. [STOP0]

Solution:

# Error Code: 02111

Description: SCU: Control power 24V voltage abnormal error. [STOP0]

Solution:

# Error Code: 02112

Description: SCU: Redundant MCU ADC1 self-check duty cycle error. [STOP0]

Solution:

# Error Code: 02113

Description: SCU: Redundant MCU ADC3 self-check duty cycle error. [STOP0]

Solution:

# Error Code: 02114

Description: SCU: Two MCUs temperature difference too high error. [STOP0]

Solution:

# Error Code: 02115

Description: SCU: Temperature limit exceeded error. [STOP0]

Solution:

# Error Code: 02116

Description: SCU: 24V overvoltage error. [STOP0]

Solution:

# Error Code: 02117

Description: 24V undervoltage error. [STOP0]

Solution:

# Error Code: 02407

Description: SCU: Safety input IO1 dual-channel state mismatch. [STOP0]

Solution:

# Error Code: 02408

Description: SCU: Safety input IO2 dual-channel state mismatch. [STOP0]

Solution:

# Error Code: 02409

Description: SCU: Safety input IO3 dual-channel state mismatch. [STOP0]

Solution:

# Error Code: 02410

Description: SCU: Safety input IO4 dual-channel state mismatch. [STOP0]

Solution:

# Error Code: 02411

Description: SCU: Safety input IO5 dual-channel state mismatch. [STOP0]

Solution:

# Error Code: 02412

Description: SCU: Safety input IO6 dual-channel state mismatch. [STOP0]

Solution:

# Error Code: 02413

Description: SCU: Safety input IO7 dual-channel state mismatch. [STOP0]

Solution:

# Error Code: 02414

Description: SCU: Safety input IO8 dual-channel state mismatch. [STOP0]

Solution:

# Error Code: 02415

Description: SCU: Three-stage enable PIN dual-channel mismatch. [STOP0]

Solution:

# Error Code: 02416

Description: SCU: Key switch PIN dual-channel mismatch. [STOP0]

Solution:

# Error Code: 02417

Description: SCU: Emergency stop signal dual-channel mismatch. [STOP0]

Solution:

# Error Code: 02418

Description: SCU: Safety door signal dual-channel mismatch. [STOP0]

Solution:

# Error Code: 02706

Description: SCU: Safety output IO1 feedback dual-channel mismatch. [STOP0]

Solution:

# Error Code: 02707

Description: SCU: Safety output IO2 feedback dual-channel mismatch. [STOP0]

Solution:

# Error Code: 02708

Description: SCU: Safety output IO3 feedback dual-channel mismatch. [STOP0]

Solution:

# Error Code: 02709

Description: SCU: Safety output IO4 feedback dual-channel mismatch. [STOP0]

Solution:

# Error Code: 02710

Description: SCU: Safety output IO5 feedback dual-channel mismatch. [STOP0]

Solution:

# Error Code: 02711

Description: SCU: Safety output IO6 feedback dual-channel mismatch. [STOP0]

Solution:

# Error Code: 02712

Description: SCU: Safety output IO7 feedback dual-channel mismatch. [STOP0]

Solution:

# Error Code: 02713

Description: SCU: Safety output IO8 feedback dual-channel mismatch. [STOP0]

Solution:

# Error Code: 03001

Description: SCU: Dual MCU synchronization failure. [STOP0]

Solution:

# Error Code: 03002

Description: SCU: Redundant MCU hardware watchdog not enabled. [STOP0]

Solution:

# Error Code: 03003

Description: SCU: Redundant MCU error notification. [STOP0]

Solution: