

timestamp	joint_angle	joint_velocity	joint_torque	intervention	description								
2024-01-26 15:45	157.8726488	51.3282393	-15.24385271	Adjusted joint vel	Intervention: Adjusted joint velocity parameters Joint Angle: 157.87 Joint Velocity: 51.33 Joint Torque: -15.24								
2023-06-02 2:37	-157.9230975	41.78278539	-14.57764	Adjusted joint vel	Intervention: Adjusted joint velocity parameters Joint Angle: -157.92 Joint Velocity: 41.78 Joint Torque: -14.58								
2023-07-25 1:47	-67.21851384	31.33272747	-2.877849322	Updated control s	Intervention: Updated control software Joint Angle: -67.22 Joint Velocity: 31.33 Joint Torque: -2.88								
2024-02-15 6:26	-24.771100127	-17.11436124	18.67759755	Replaced entire r	Intervention: Replaced entire robotic arm (irreparable damage) Joint Angle: -24.77 Joint Velocity: -17.11 Joint Torque: 18.68								
2023-12-04 1:31	24.20864273	46.38945689	-42.50979798	Tightened loose l	Intervention: Tightened loose bolts on base Joint Angle: 24.21 Joint Velocity: 46.39 Joint Torque: -42.51								
2024-04-09 14:5	-121.3459961	-71.9165641	29.89235661	Tightened loose l	Intervention: Tightened loose bolts on base Joint Angle: -121.35 Joint Velocity: -71.92 Joint Torque: 29.89								
2023-08-17 21:10	-95.11772048	-54.82664445	20.01727139	Adjusted joint vel	Intervention: Adjusted joint velocity parameters Joint Angle: -95.12 Joint Velocity: -54.83 Joint Torque: 20.02								
2024-01-08 11:4	-43.46527076	63.5315199	-11.97179352	Replaced damag	Intervention: Replaced damaged end effector Joint Angle: -43.47 Joint Velocity: 63.53 Joint Torque: -11.97								
2024-04-02 20:2	-12.30074388	-53.88979281	12.4587945	Adjusted joint vel	Intervention: Adjusted joint velocity parameters Joint Angle: -12.30 Joint Velocity: -53.89 Joint Torque: 12.46								
2023-08-26 15:0	-49.74821629	98.71471187	-10.12794306	Replaced power	Intervention: Replaced power supply unit Joint Angle: -49.75 Joint Velocity: 98.71 Joint Torque: -10.13								
2023-07-02 21:08	8.951456658	17.58859408	10.05112743	Replaced entire r	Intervention: Replaced entire robotic arm (irreparable damage) Joint Angle: 8.95 Joint Velocity: 17.59 Joint Torque: 10.05								
2023-11-17 3:27	114.1430634	27.14928695	-13.99506981	Replaced damag	Intervention: Replaced damaged end effector Joint Angle: 114.14 Joint Velocity: 27.15 Joint Torque: -14.00								
2023-09-27 21:40	32.91468657	-73.66941748	-37.88147628	Tightened loose l	Intervention: Tightened loose bolts on base Joint Angle: 32.91 Joint Velocity: -73.67 Joint Torque: -37.88								
2023-09-21 6:22	84.86438191	93.60068738	-12.22641413	Routine check-up	Intervention: Routine check-up Joint Angle: 84.86 Joint Velocity: 93.60 Joint Torque: -12.23								
2023-11-12 22:38	165.548904	5.081626714	-22.01841351	Routine check-up	Intervention: Routine check-up Joint Angle: 165.55 Joint Velocity: 5.08 Joint Torque: -22.02								
2023-06-05 18:14	70.42576471	-39.58640362	2.426727947	Cleaned dust fro	Intervention: Cleaned dust from sensors Joint Angle: 70.43 Joint Velocity: -39.59 Joint Torque: 2.43								
2023-05-24 7:56	175.7080398	42.86670384	12.8228281	Replaced motor f	Intervention: Replaced motor for joint 2 Joint Angle: 175.71 Joint Velocity: 42.87 Joint Torque: 12.82								
2024-04-23 1:27	-172.9598873	92.7165867	41.59698954	Recalibrated torq	Intervention: Recalibrated torque settings Joint Angle: -172.96 Joint Velocity: 92.72 Joint Torque: 41.60								
2023-10-20 9:42	178.418872	-85.06484341	44.43989892	Repaired wiring f	Intervention: Repaired wiring for joint 3 Joint Angle: 178.42 Joint Velocity: -85.06 Joint Torque: 44.44								
2024-03-18 10:4	111.8309561	-51.22132497	3.354034771	Replaced motor f	Intervention: Replaced motor for joint 2 Joint Angle: 111.83 Joint Velocity: -51.22 Joint Torque: 3.35								
2023-06-26 12:0	-44.58968991	-33.73817139	35.6589607	Replaced power	Intervention: Replaced power supply unit Joint Angle: -44.59 Joint Velocity: -33.74 Joint Torque: 35.66								
2024-03-14 16:2	70.25462761	79.02421229	28.18793144	Routine check-up	Intervention: Routine check-up Joint Angle: 70.25 Joint Velocity: 79.02 Joint Torque: 28.19								
2023-07-11 10:45	-111.7396717	61.04970896	30.47316045	Calibrated joint a	Intervention: Calibrated joint angles Joint Angle: -111.74 Joint Velocity: 61.05 Joint Torque: 30.47								
2024-03-14 1:08	172.0473553	-51.30183138	16.50049103	Performed softwa	Intervention: Performed software update Joint Angle: 172.05 Joint Velocity: -51.30 Joint Torque: 16.50								
2024-01-26 13:40	37.69924264	-60.08460848	45.09602712	Replaced motor f	Intervention: Replaced motor for joint 2 Joint Angle: 37.70 Joint Velocity: -60.08 Joint Torque: 45.10								
2023-10-27 1:02	-24.15784619	49.90907225	-2.474189647	Repaired wiring f	Intervention: Repaired wiring for joint 3 Joint Angle: -24.16 Joint Velocity: 49.91 Joint Torque: -2.47								
2023-12-04 10:58	54.78763662	68.55486621	29.17896063	Lubricated joints	Intervention: Lubricated joints Joint Angle: 54.79 Joint Velocity: 68.55 Joint Torque: 29.18								
2023-12-09 7:34	7.94386514	48.86712879	-25.26397834	Lubricated joints	Intervention: Lubricated joints Joint Angle: 7.94 Joint Velocity: 48.87 Joint Torque: -25.26								
2024-01-15 3:43	-172.5231792	32.31825095	-31.99466557	Recalibrated torq	Intervention: Recalibrated torque settings Joint Angle: -172.52 Joint Velocity: 32.32 Joint Torque: -31.99								
2023-07-29 2:51	-2.575985932	-38.46823387	-3.255545805	Replaced damag	Intervention: Replaced damaged end effector Joint Angle: -2.58 Joint Velocity: -38.47 Joint Torque: -3.26								
2023-06-21 0:05	-138.4821533	-99.0055897	-41.16063807	Tightened loose l	Intervention: Tightened loose bolts on base Joint Angle: -138.48 Joint Velocity: -99.01 Joint Torque: -41.16								
2023-09-02 23:5	140.3323472	34.79965764	47.94972652	Repaired wiring f	Intervention: Repaired wiring for joint 3 Joint Angle: 140.33 Joint Velocity: 34.80 Joint Torque: 47.95								
2023-07-20 16:2	-117.2931581	40.27918531	30.75914712	Adjusted joint vel	Intervention: Adjusted joint velocity parameters Joint Angle: -117.29 Joint Velocity: 40.28 Joint Torque: 30.76								
2024-01-07 11:38	-100.8581914	-8.700709682	-24.15542884	Replaced power	Intervention: Replaced power supply unit Joint Angle: -100.86 Joint Velocity: -8.70 Joint Torque: -24.16								
2023-08-09 1:35	-160.1343778	-62.23603962	29.37565586	Routine check-up	Intervention: Routine check-up Joint Angle: -160.13 Joint Velocity: -62.24 Joint Torque: 29.38								
2023-06-23 1:48	15.11255333	37.02805081	38.71407981	Calibrated joint a	Intervention: Calibrated joint angles Joint Angle: 15.11 Joint Velocity: 37.03 Joint Torque: 38.71								
2023-08-11 23:50	-52.85578327	-59.77297829	-41.3546715	Replaced power	Intervention: Replaced power supply unit Joint Angle: -52.86 Joint Velocity: -59.77 Joint Torque: -41.35								
2023-12-19 9:51	178.4393873	26.06325772	25.07728162	Replaced entire r	Intervention: Replaced entire robotic arm (irreparable damage) Joint Angle: 178.44 Joint Velocity: 26.06 Joint Torque: 25.08								
2024-04-24 7:01	-11.2865372	28.05790488	0.04206668286	Routine check-up	Intervention: Routine check-up Joint Angle: -11.29 Joint Velocity: 28.06 Joint Torque: 0.04								
2023-08-31 20:18	121.5847052	-80.79850607	4.623022268	Replaced power	Intervention: Replaced power supply unit Joint Angle: 121.58 Joint Velocity: -80.80 Joint Torque: 4.62								
2023-07-10 7:28	-169.1714729	66.00015125	-9.072387561	Replaced motor f	Intervention: Replaced motor for joint 2 Joint Angle: -169.17 Joint Velocity: 66.00 Joint Torque: -9.07								
2023-11-12 7:36	155.4609832	-86.11875301	29.91649282	Updated control s	Intervention: Updated control software Joint Angle: 155.46 Joint Velocity: -86.12 Joint Torque: 29.92								
2023-09-12 9:08	-161.8010371	54.06897942	-30.83782443	Repaired wiring f	Intervention: Repaired wiring for joint 3 Joint Angle: -161.80 Joint Velocity: 54.07 Joint Torque: -30.84								
2023-11-02 11:53	136.6030965	-17.85540883	-46.59723913	Recalibrated torq	Intervention: Recalibrated torque settings Joint Angle: 136.60 Joint Velocity: -17.86 Joint Torque: -46.60								

2024-04-22 15:30	107.4581739	35.3005257	42.66897696	Calibrated joint a	Intervention: Calibrated joint angles Joint Angle: 107.46 Joint Velocity: 35.30 Joint Torque: 42.67		
2024-02-27 5:57	41.16429472	-10.70055005	46.40554952	Recalibrated torq	Intervention: Recalibrated torque settings Joint Angle: 41.16 Joint Velocity: -10.70 Joint Torque: 46.41		
2024-03-20 0:36	-95.85701938	84.9424884	-15.92748064	Replaced entire r	Intervention: Replaced entire robotic arm (irreparable damage) Joint Angle: -95.86 Joint Velocity: 84.94 Joint Torque: -15.93		
2023-08-28 13:10	114.9176605	-3.464584997	33.08490262	Tightened loose l	Intervention: Tightened loose bolts on base Joint Angle: 114.92 Joint Velocity: -3.46 Joint Torque: 33.08		
2024-04-08 11:58	61.23440128	92.33872615	30.0021305	Replaced power s	Intervention: Replaced power supply unit Joint Angle: 61.23 Joint Velocity: 92.34 Joint Torque: 30.00		
2023-08-22 8:46	149.6723977	-14.97925855	0.5357008658	Calibrated joint a	Intervention: Calibrated joint angles Joint Angle: 149.67 Joint Velocity: -14.98 Joint Torque: 0.54		