



| ITEM NO. | REPAIR PART NUMBER | DESCRIPTION  |
|----------|--------------------|--|
| 1        | MX2-963            | DRIVE UNIT CIRCUIT BOARD                           |
| 2        | MX2-903            | DRIVE UNIT BATTERY PACK                            |
| 3        | MX2-904            | DRIVE UNIT LED CIRCUIT BOARD ASSY.                 |
| 4        | MX2-936            | DRIVE UNIT POWER SWITCH                            |
| 5        | MX2-905            | DRIVE UNIT UNIT HANDLE                             |
| 6        | MX2-906            | DRIVE UNIT UPPER HOUSING ASSY.                     |
| 7        | MX2-907            | DRIVE UNIT LOWER HOUSING                           |
| 8        | MX2-995            | MOTOR W/ OMNI WHEEL 2021 ASSY.                     |
| 9        | MX2-994            | ROLLER REPLACEMENT PARTS FOR OMNI WHEEL 2021 ASSY. |
| 10       | MX2-989            | 6 OMNI WHEEL 2021 INNER PLASTICS                   |
| 11       | MX2-929            | DRIVE UNIT FOAM HOLDER                             |
| 12       | MX2-940            | RECEPTACLE CAP                                     |
| 13       | MX2-942            | DRIVE UNIT RECEPTACLE                              |
| 14       | MX2-943            | DRIVE UNIT BATTERY MOUNTS                          |
| 15       | MX2-992            | 1 OMNI WHEEL 2021 OUTER ROLLER PARTS               |
| 16       | MX2-993            | 20 OMNI WHEEL 2021 SCREWS                          |
| 17       | MX2-951            | (4) DAMPENING GROMMETS                             |
| 18       | MX2-952            | BUZZER   |
| 19       | MX2-974            | DRIVE UNIT GROMMET                                 |
| 20       | MX2-986            | DU 2021 PADDED HANDLE ASSY                         |
| 1A       | MX2-964            | DRIVE UNIT CIRCUIT BOARD WITH SPEED LIMIT          |

| REVISIONS |   |           |          |
|-----------|---|-----------|----------|
| REV.      | DESCRIPTION   | DATE      | APPROVED |
| A         | RELEASE FOR PRODUCTION  | 03/20/17  | KJS      |
| B         | ADDED GROMMETS, RECEPTACLE AND BUZZER   | 02/20/18  | KJS      |
| C         | REMOVED NOTE, ADDED CB WITH SPEED LIMIT   | 09/13/18  | KJS      |
| D         | OBSOLESCENCE OF MX2-908 MOTOR ASSY & MX2-946 1 ROLLER WITH BEARINGS FOR NEW ITEMS | 5/18/2021 | KJS      |

|                              |  |          |     |          |  |
|------------------------------|--|----------|-----|----------|--|
| UNLESS OTHERWISE SPECIFIED:  |  | NAME     |     | DATE     |  |
| DIMENSIONS ARE IN INCHES     |  | DRAWN    | KJS | 03/20/17 |  |
| TOLERANCES:                  |  | REVIEWED | BPH | 03/20/17 |  |
| FRACTIONAL ± 1/16"           |  |          |     |          |  |
| ANGULAR: MACH ± 1° BEND ± 1° |  |          |     |          |  |
| TWO PLACE DECIMAL ± .01      |  |          |     |          |  |
| THREE PLACE DECIMAL ± .001   |  |          |     |          |  |
| FOUR PLACE DECIMAL ± .0005   |  |          |     |          |  |
| MATERIAL                     |  |          |     |          |  |
| N/A                          |  |          |     |          |  |
| FINISH                       |  |          |     |          |  |
| N/A                          |  |          |     |          |  |
| COLOR                        |  |          |     |          |  |
| N/A                          |  |          |     |          |  |
| DO NOT SCALE DRAWING         |  |          |     |          |  |

**MAX mobility**  
Nashville, TN

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TITLE:  
**SMARTDRIVE MX2+ REPAIR PARTS EXPLODED DRAWING**

|          |                  |          |
|----------|------------------|----------|
| SIZE     | DWG. NO.         | REV      |
| <b>B</b> | <b>SDMX2-RPD</b> | <b>D</b> |

SCALE: 1:3    WEIGHT:    SHEET 1 OF 1

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