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ROBO-LOAD

Robocut Bucket Attachment

Parts Manual

(May 2018)



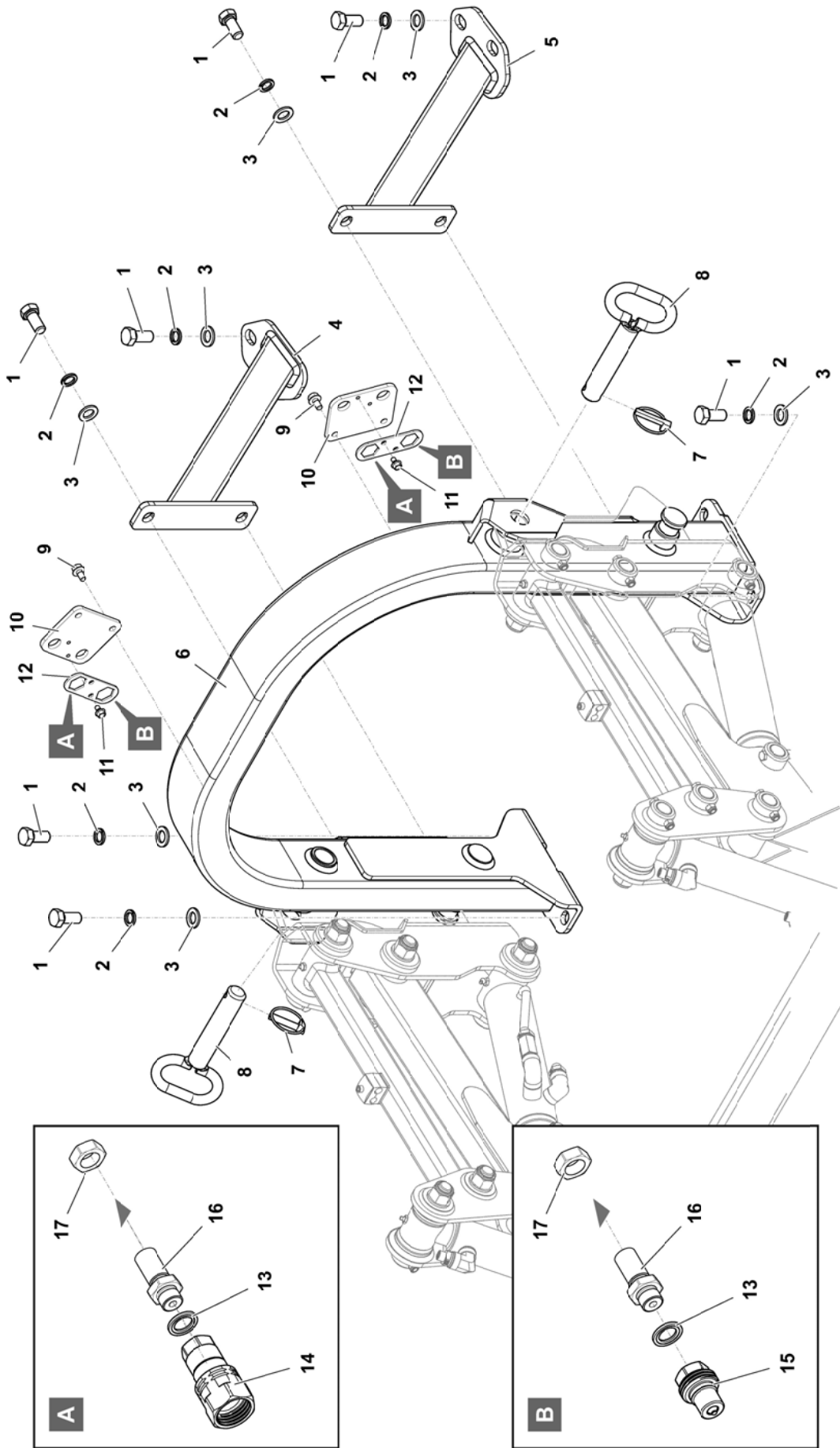
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MOUNTING FRAME MODULE

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MOUNTING FRAME MODULE**McCONNEL**

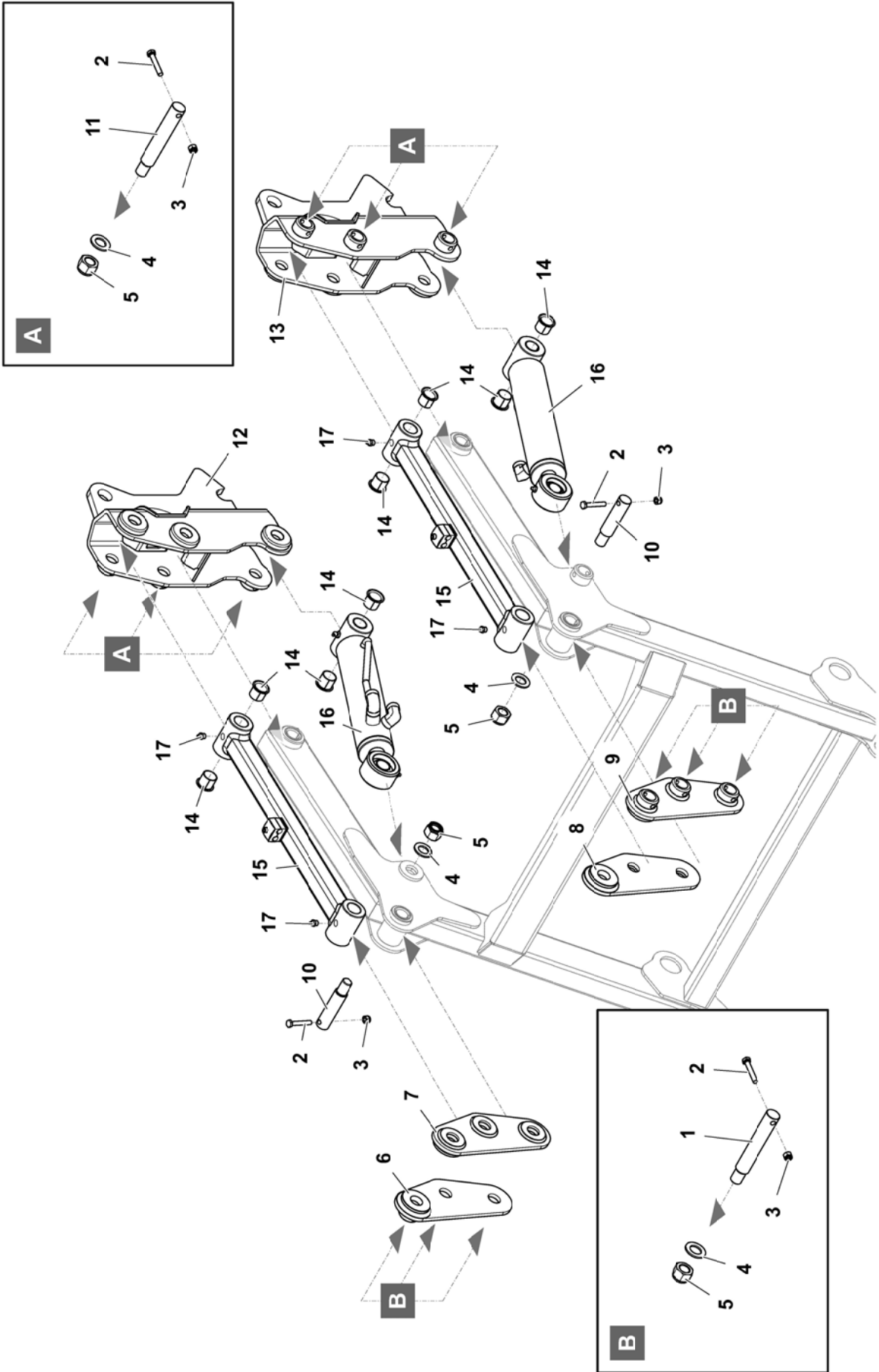
Model: ROBO-LOAD

| REF. | QTY. | PART No. | DESCRIPTION |
|-------------|-------------|-----------------|------------------------------|
| | | | MOUNTING FRAME MODULE |
| 1 | 8 | 4000175 | BOLT |
| 2 | 8 | 4000179 | WASHER |
| 3 | 8 | 4001537 | WASHER |
| 4 | 1 | 4001801 | TIE ROD (REAR RIGHT) |
| 5 | 1 | 4001802 | TIE ROD (REAR LEFT) |
| 6 | 1 | 4001803 | ROLL BAR |
| 7 | 2 | 0431213 | LYNCH PIN |
| 8 | 2 | 4001804 | PIN |
| 9 | 4 | 4000353 | BOLT |
| 10 | 2 | 4001805 | COUPLING BRACKET |
| 11 | 4 | 4000379 | BOLT |
| 12 | 2 | 4001806 | RETAINER BRACKET |
| 13 | 4 | 8650103 | BONDED SEAL |
| 14 | 2 | 4000132 | CONNECTOR |
| 15 | 2 | 4000135 | CONNECTOR |
| 16 | 4 | 4000128 | BULHEAD FITTING |
| 17 | 4 | 4000130 | NUT |

LIFT MODULE

Model: ROBO-LOAD

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LIFT MODULE**McCONNEL**

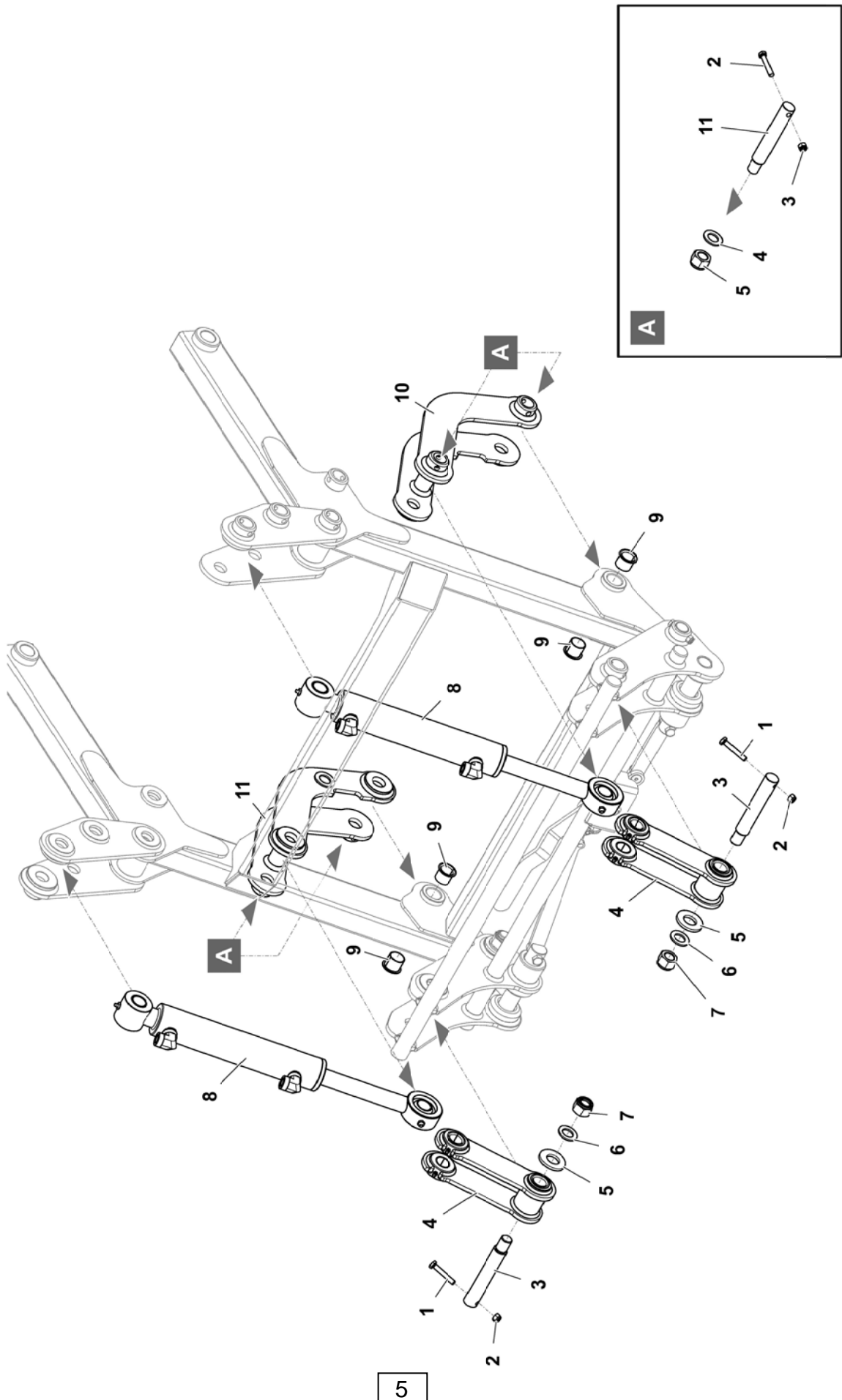
Model: ROBO-LOAD

| REF. | QTY. | PART No. | DESCRIPTION |
|-------------|-------------|-----------------|-----------------------|
| | | | LIFT MODULE |
| 1 | 6 | 4001807 | PIN |
| 2 | 14 | 4001855 | BOLT |
| 3 | 14 | 4000808 | SELF-LOCKING NUT |
| 4 | 14 | 4000370 | WASHER |
| 5 | 14 | 4000018 | SELF-LOCKING NUT |
| 6 | 1 | 4001808 | RH OUTER LINK BRACKET |
| 7 | 1 | 4001809 | RH INNER LINK BRACKET |
| 8 | 1 | 4001810 | LH INNER LINK BRACKET |
| 9 | 1 | 4001811 | LH OUTER LINK BRACKET |
| 10 | 2 | 4001812 | PIN |
| 11 | 6 | 4001813 | PIN |
| 12 | 1 | 4001814 | RH BOOM BRACKET |
| 13 | 1 | 4001815 | LH BOOM BRACKET |
| 14 | 8 | 4001816 | FLANGED BUSH |
| 15 | 2 | 4001817 | TIE ROD |
| 16 | 2 | 4001818 | HYDRAULIC RAM |
| 17 | 4 | 4000224 | GREASE NIPPLE |

ANGLE MODULE

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LIFT MODULE**McCONNEL**

Model: ROBO-LOAD

| REF. | QTY. | PART No. | DESCRIPTION |
|-------------|-------------|-----------------|---------------------|
| | | | ANGLE MODULE |
| 1 | 6 | 4001855 | BOLT |
| 2 | 6 | 4000808 | SELF-LOCKING NUT |
| 3 | 6 | 4001813 | PIN |
| 4 | 2 | 4001819 | SLAVE LINK |
| 5 | 2 | 4001820 | WASHER |
| 6 | 6 | 4000370 | WASHER |
| 7 | 6 | 9100033 | SELF-LOCKING NUT |
| 8 | 2 | 4001821 | HYDRAULIC RAM |
| 9 | 4 | 4001816 | FLANGED BUSH |
| 10 | 1 | 4001822 | LH PRIMARY LINK |
| 11 | 1 | 4001823 | RH PRIMARY LINK |

BOOM & QUICK-HITCH MODULE**McCONNEL**

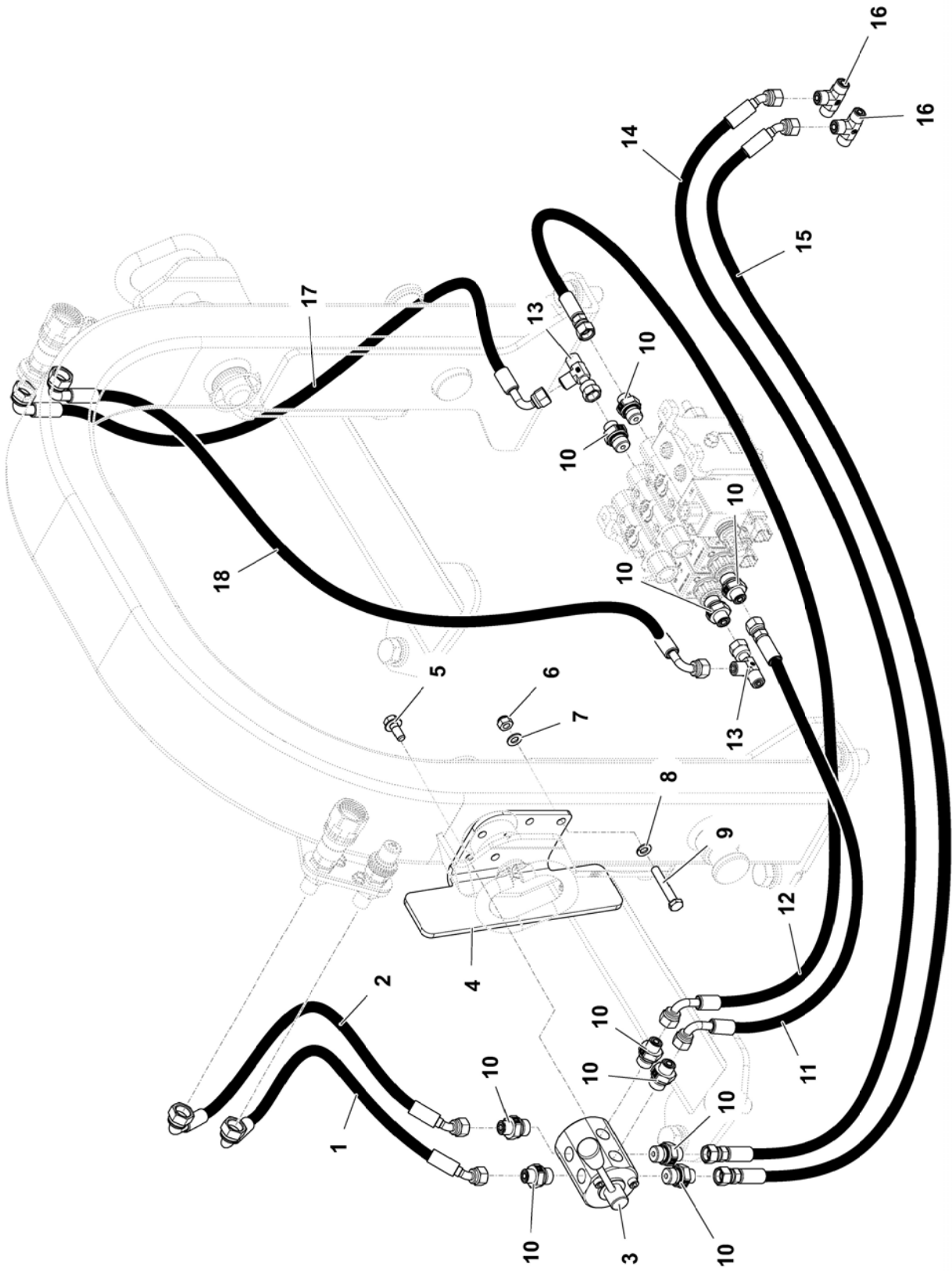
Model: ROBO-LOAD

| REF. | QTY. | PART No. | DESCRIPTION |
|-------------|-------------|-----------------|--------------------------------------|
| | | | BOOM & QUICK HITCH MODULE |
| 1 | 1 | 4001824 | QUICK-ATTACH ASSEMBLY |
| 2 | 2 | 9313105 | BOLT |
| 3 | 2 | 4001825 | PIN |
| 4 | 2 | 4001820 | WASHER |
| 5 | 2 | 4000370 | WASHER |
| 6 | 2 | 4000018 | SELF-LOCKING NUT |
| 7 | 2 | 4000808 | SELF-LOCKING NUT |
| 8 | 2 | 4001813 | PIN |
| 9 | 2 | 4001855 | BOLT |
| 10 | 1 | 4001826 | QUICK-ATTACH UNIT |
| 11 | 2 | 4001827 | SCREW |
| 12 | 1 | 4001828 | OPERATING LEVER |
| 13 | 1 | 4001537 | WASHER |
| 14 | 1 | 4000221 | SELF-LOCKING NUT |
| 15 | 1 | 4001829 | CONNECTING ROD (SHORT) |
| 16 | 4 | 4000758 | WASHER |
| 17 | 4 | 4000756 | SELF-LOCKING NUT |
| 18 | 1 | 4001830 | CONNECTING ROD (LONG) |
| 19 | 1 | 4001831 | LYNCH PIN |
| 20 | 1 | 4001832 | LIFT BOOM |
| 21 | 12 | 4001816 | FLANGED BUSH |
| 22 | 5 | 4000224 | GREASE NIPPLE |
| 23 | 2 | 4000368 | GREASE NIPPLE |

PRESET HOSE INSTALLATION

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PRESET HOSE INSTALLATION**McCONNEL**

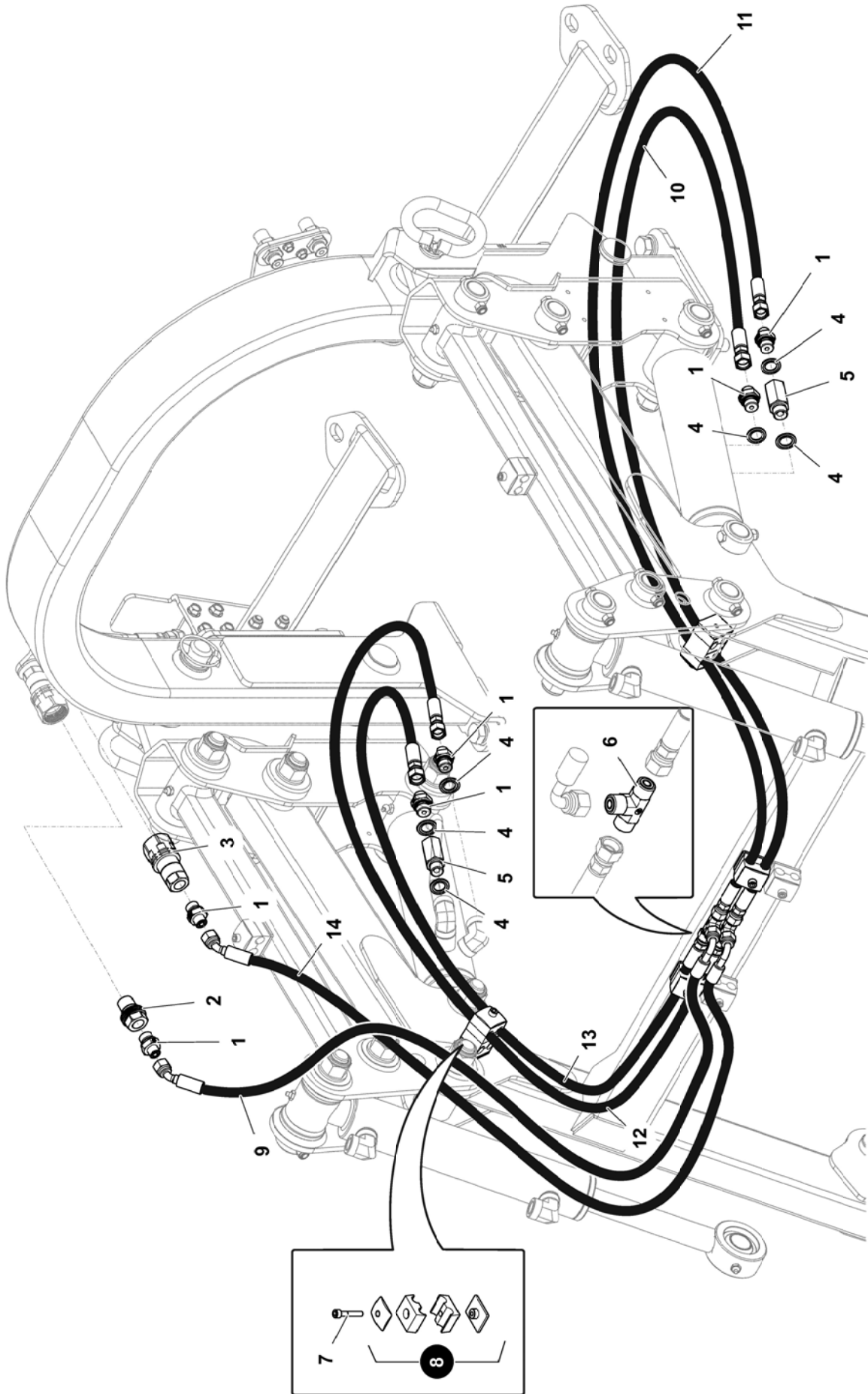
Model: ROBO-LOAD

| REF. | QTY. | PART No. | DESCRIPTION |
|-------------|-------------|-----------------|---------------------------------|
| | | | PRESET HOSE INSTALLATION |
| 1 | 1 | 4001851 | HYDRAULIC HOSE |
| 2 | 1 | 4001852 | HYDRAULIC HOSE |
| 3 | 1 | 4001853 | FLOW DIVERTER (6-WAY) |
| 4 | 1 | 4001854 | DIVERTER BRACKET |
| 5 | 1 | 4000380 | BOLT |
| 6 | 1 | 4000865 | SELF-LOCKING NUT |
| 7 | 1 | 4000078 | WASHER |
| 8 | 1 | 9100204 | WASHER |
| 9 | 1 | 4001855 | BOLT |
| 10 | 10 | 4000587 | CONNECTOR |
| 11 | 1 | 4001856 | HYDRAULIC HOSE |
| 12 | 1 | 4001857 | HYDRAULIC HOSE |
| 13 | 2 | 4000588 | ADAPTOR 'T' |
| 14 | 1 | 4001858 | HYDRAULIC HOSE |
| 15 | 1 | 4001859 | HYDRAULIC HOSE |
| 16 | 2 | 4001862 | ADAPTOR 'T' (M-M-M) |
| 17 | 1 | 4001860 | HYDRAULIC HOSE |
| 18 | 1 | 4001861 | HYDRAULIC HOSE |

LIFT HOSE INSTALLATION

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LIFT HOSE INSTALLATION**McCONNEL**

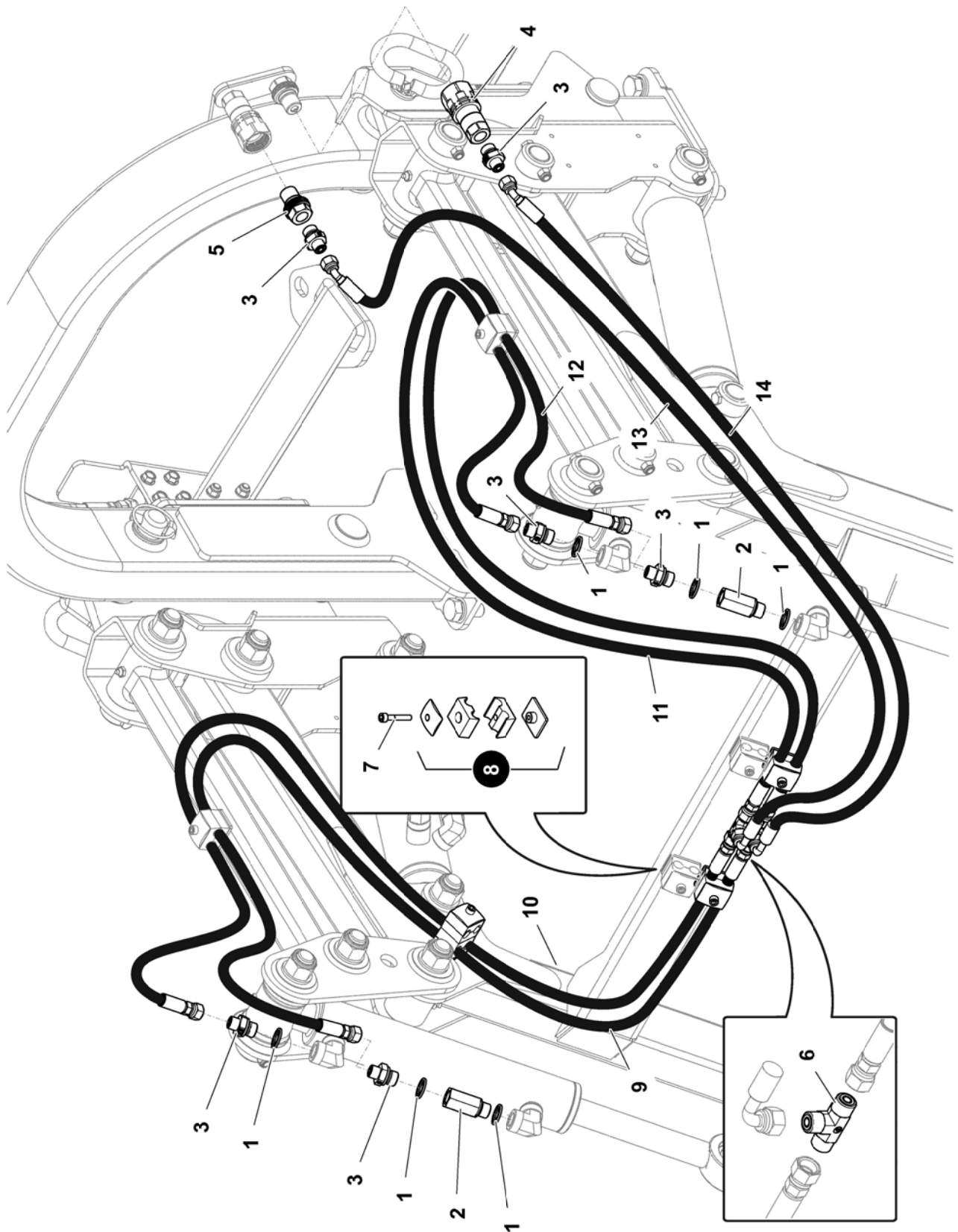
Model: ROBO-LOAD

| REF. | QTY. | PART No. | DESCRIPTION |
|-------------|-------------|-----------------|-------------------------------|
| | | | LIFT HOSE INSTALLATION |
| 1 | 4 | 4000587 | CONNECTOR |
| 2 | 1 | 4000135 | CONNECTION |
| 3 | 1 | 4000132 | CONNECTION |
| 4 | 6 | 8650103 | BONDED SEAL |
| 5 | 2 | 4001833 | PARACHUTE VALVE |
| 6 | 2 | 4001862 | ADAPTOR 'T' (M-M-M) |
| 7 | 2 | 4001834 | BOLT |
| 8 | 4 | 4000367 | HOSE CLAMP (DOUBLE) |
| 9 | 1 | 4001835 | HYDRAULIC HOSE |
| 10 | 1 | 4001836 | HYDRAULIC HOSE |
| 11 | 1 | 4001837 | HYDRAULIC HOSE |
| 12 | 1 | 4001838 | HYDRAULIC HOSE |
| 13 | 1 | 4001839 | HYDRAULIC HOSE |
| 14 | 1 | 4001840 | HYDRAULIC HOSE |

ANGLE HOSE INSTALLATION

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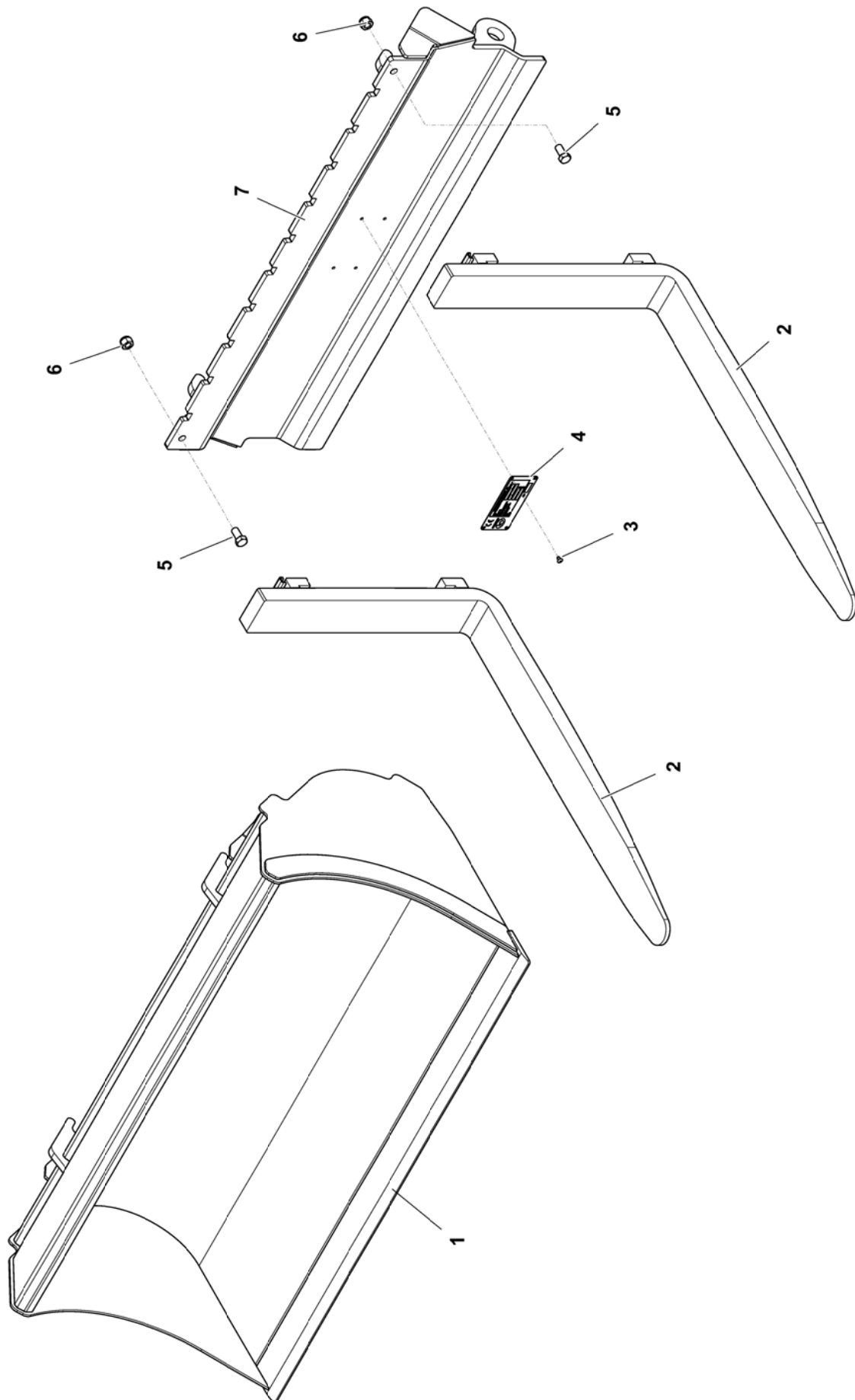


ANGLE HOSE INSTALLATION**McCONNEL**

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| REF. | QTY. | PART No. | DESCRIPTION |
|-------------|-------------|-----------------|--------------------------------|
| | | | ANGLE HOSE INSTALLATION |
| 1 | 6 | 8650103 | BONDED SEAL |
| 2 | 2 | 4001833 | PARACHUTE VALVE |
| 3 | 4 | 4000587 | CONNECTOR |
| 4 | 1 | 4000132 | CONNECTION |
| 5 | 1 | 4000135 | CONNECTION |
| 6 | 2 | 4001862 | ADAPTOR 'T' (M-M-M) |
| 7 | 4 | 4001834 | BOLT |
| 8 | 4 | 4000367 | HOSE CLAMP (DOUBLE) |
| 9 | 1 | 4001841 | HYDRAULIC HOSE |
| 10 | 1 | 4001842 | HYDRAULIC HOSE |
| 11 | 1 | 4001843 | HYDRAULIC HOSE |
| 12 | 1 | 4001844 | HYDRAULIC HOSE |
| 13 | 1 | 4001845 | HYDRAULIC HOSE |
| 14 | 1 | 4001846 | HYDRAULIC HOSE |

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TOOLS / ACCESSORIES**McCONNEL**

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| REF. | QTY. | PART No. | DESCRIPTION |
|-------------|-------------|-----------------|----------------------------|
| | | | TOOLS / ACCESSORIES |
| 1 | 1 | 4001850 | BUCKET - 130cm |
| 2 | 2 | 4001849 | FORK |
| 3 | 4 | 4004220 | RIVET |
| 4 | 1 | 4004221 | SERIAL No. PLATE |
| 5 | 2 | 4001847 | BOLT |
| 6 | 2 | 4000751 | NUT |
| 7 | 1 | 4001848 | SUPPORT PLATE |



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