

THE  
**BARRETO**  
MODEL 3107C  
7" WOOD CHIPPER  
EXPLODED VIEWS MANUAL WITH PART NUMBERS

CONGRATULATIONS!

You are now the proud owner of the BARRETO 3107C Wood Chipper. The following pages have detailed views of your machine, along with corresponding part numbers.

If you have any questions or need any replacement parts in the future, please contact us at your convenience. Our toll-free phone number, fax and email are listed below.

THANK YOU for your patronage and confidence in BARRETO equipment.

Barreto Manufacturing, Inc.

Innovative Equipment Engineered to Last

66498 Hwy 203, La Grande, OR 97850

(800) 525-7348 (541) 963-7348

FAX (541) 963-6755

E-Mail: [info@barretomfg.com](mailto:info@barretomfg.com) For parts: [parts@barretomfg.com](mailto:parts@barretomfg.com)

Web Site: <http://www.barretomfg.com>

Machine Identification Record

Machine model number \_\_\_\_\_

Machine serial number \_\_\_\_\_

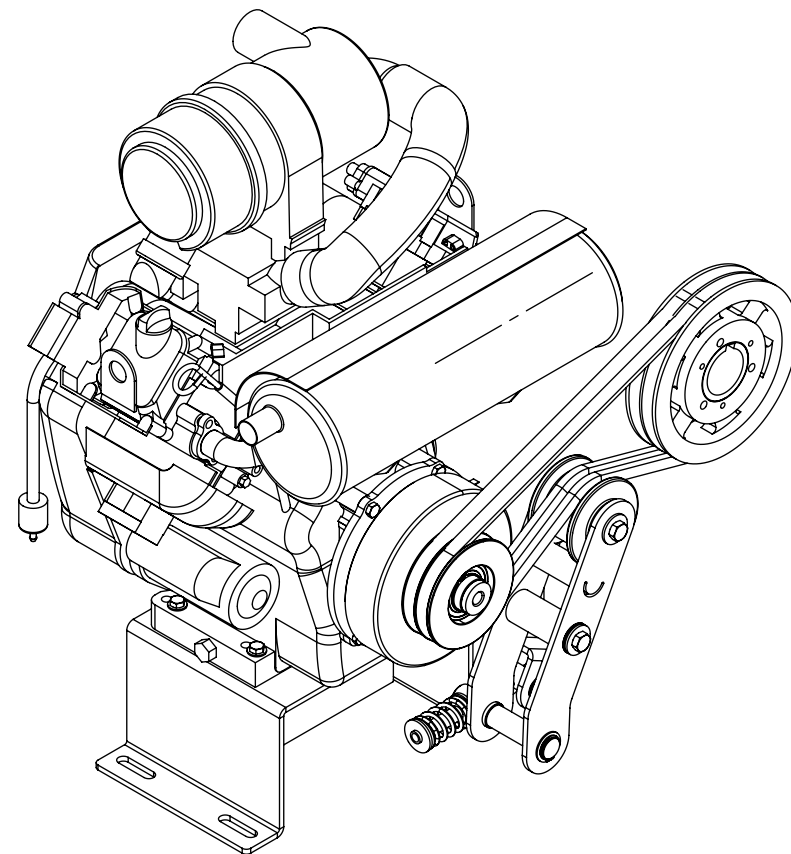
Engine manufacturer \_\_\_\_\_

Engine model number \_\_\_\_\_

Engine serial number \_\_\_\_\_

| ITEM NO. | PART NUMBER | DESCRIPTION                             | QTY. |
|----------|-------------|-----------------------------------------|------|
| 1        | 03043       | BALL BEARING, 6205                      | 2    |
| 2        | 16079       | BEARING SPACER / SHIELD                 | 2    |
| 3        | 05201       | WASHER, 1/2 USS ZINC                    | 2    |
| 4        | 05101       | WASHER, 3/8 SAE ZINC                    | 8    |
| 5        | 05067       | HH CAP SCREW, 1/2-13 NC X 1 G5 ZINC     | 2    |
| 6        | 05091       | HH CAP SCREW, 3/8-16 NC X 1-1/4 G5 ZINC | 4    |
| 7        | 05352       | .375 X 2.25 NC G5 ZN                    | 4    |
| 8        | 05189       | HH CAP SCREW, 3/8-16 NC X 5-1/2 G5 ZINC | 1    |
| 9        | 03268       | BUSHING, IGUS LFI-1618-08               | 4    |
| 10       | 07027-CMS   | ENGINE, BRIGGS 30                       | 1    |
| 11       | 16801       | NORAM CLUTCH                            | 1    |
| 12       | 16890       | ENGINE SHAFT END CAP                    | 1    |
| 13       | 16889       | ENGINE SHAFT SPACER                     | 1    |
| 14       | 05073       | NUT, NYLOCK, 3/8-16 NC ZINC             | 4    |
| 15       | 16902       | V-BELT, 5L530                           | 2    |
| 16       | 16901-1     | SHEAVE PULLEY 2B80SK                    | 1    |
| 17       | 16901-2     | SHEAVE COLLAR 2B80SK                    | 1    |
| 18       | 16892       | CLUTCH IDLER PULLEY                     | 1    |
| 19       | 16896       | CLUTCH IDLER SHAFT                      | 1    |
| 20       | 16905       | CLUTCH IDLER BEARING SPACER             | 1    |
| 21       | 16855 R1    | TENSIONER ARM                           | 1    |
| 22       | 16851       | ENGINE MOUNT                            | 1    |
| 23       | 16943       | SPRING- CENTURY 72856                   | 1    |
| 24       | 16864 R1    | TENSIONER PIVOT SHAFT                   | 1    |
| 25       | 16854 R1    | TENSIONER PIVOT BRACKET                 | 1    |
| 26       | 16856       | SPRING DEVICE                           | 1    |
| 27       | 16857       | SPRING STOP                             | 1    |
| 28       | 16883       | BOLT PIVOT SHAFT                        | 1    |
| 29       | 05010       | SNAP RING, 1" EXTERNAL                  | 3    |

|              |            |
|--------------|------------|
| RELEASE DATE | 06/05/2020 |
| REVISED DATE | NEW        |
| REVISION #   | 0          |



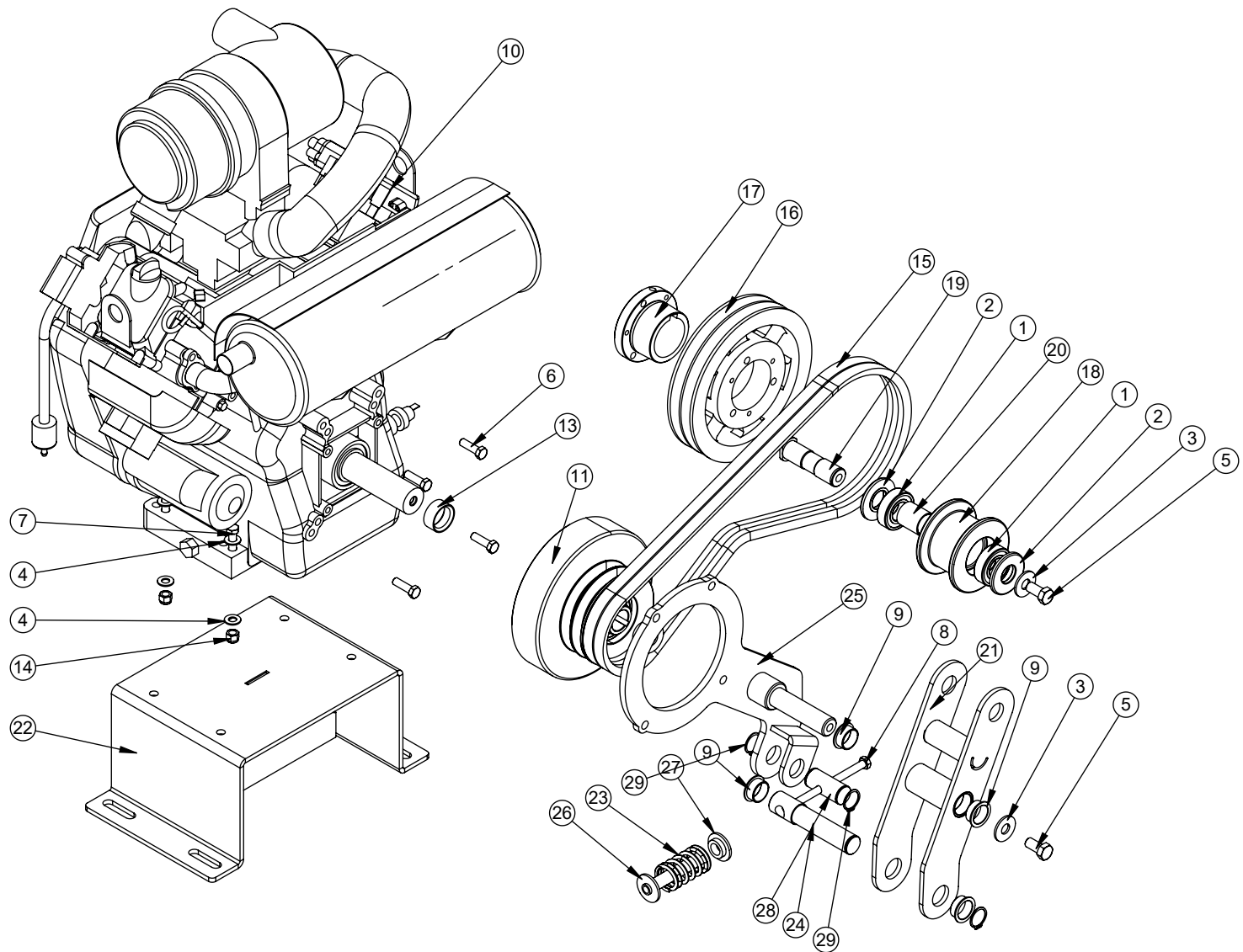
# BARRETO

TITLE: ENGINE ASSEMBLY, R1

PRODUCT LINE:CHIPPER

SCALE: 1:12  
SHEET 1 OF 3

DWG# 00701 R1



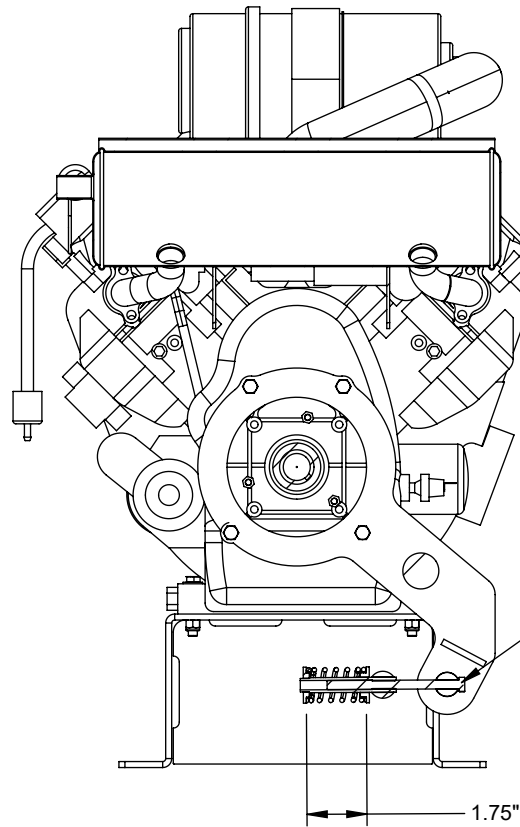
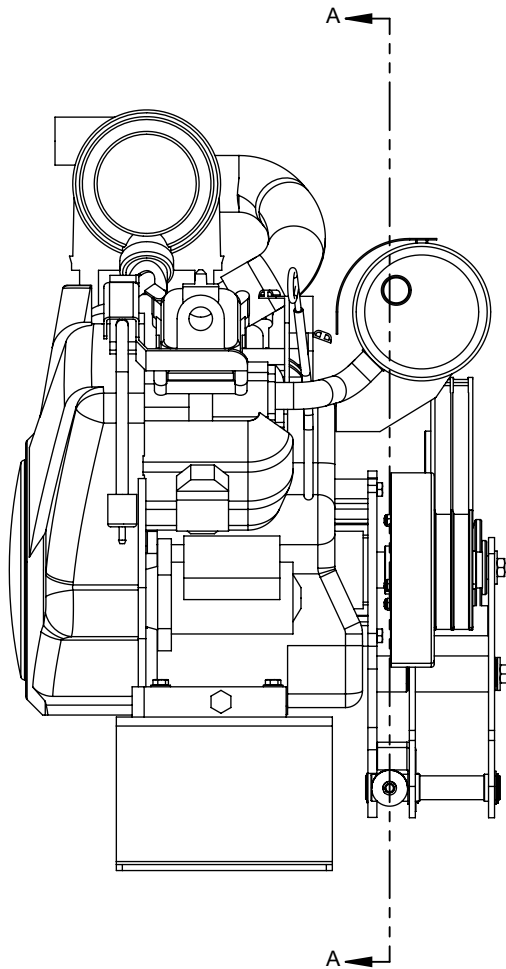
# BARRETO

TITLE: ENGINE ASSEMBLY, R1

PRODUCT LINE: CHIPPER

SCALE: 1:12  
SHEET 2 OF 3

DWG# 00701 R1



TIGHTEN BOLT TO TIGHTEN BELTS AND  
COMPRESS SPRING LENGTH  
FROM 2.50" TO 1.75" - 2.00"

SECTION A-A

**BARRETO**

TITLE: ENGINE ASSEMBLY, R1

PRODUCT LINE:CHIPPER

SCALE: 1:8  
SHEET 3 OF 3

DWG# 00701 R1

| ITEM NO. | PART NUMBER   | DESCRIPTION                             | QTY. | ITEM NO. | PART NUMBER | DESCRIPTION                  | QTY. | RELEASE DATE | 02/06/2020 |
|----------|---------------|-----------------------------------------|------|----------|-------------|------------------------------|------|--------------|------------|
| 1        | 16800         | 7" CHIPPER FRAME                        | 1    | 22       | 16939       | BELT COVER NUT BAR           | 1    | REVISED DATE | NEW        |
| 2        | 13505         | 14" TIRE/WHEEL 205/75/14                | 2    | 23       | 05233       | SCREW #10-24 X 1/2 PPH       | 2    | REVISION #   | 0          |
| 3        | 05042         | NUT, LUG, 1/2-20 NF                     | 10   | 24       | 10628       | LICENSE PLATE LIGHT          | 1    |              |            |
| 4        | 05098         | NUT, NYLOCK, 1/2-13 NC ZINC             | 4    | 25       | 05345       | NUT, NYLOCK, 10-24 NC ZINC   | 2    |              |            |
| 5        | 05273         | NUT, NYLOCK, 5/16-18 NC ZINC            | 16   | 26       | 17503       | AXLE, 3500# TORSION, LIPPERT | 1    |              |            |
| 6        | 05096         | NUT, NYLOCK, 1/4-20 NC ZINC             | 4    |          |             |                              |      |              |            |
| 7        | 05102         | WASHER, 1/2 SAE ZINC HARDENED           | 8    |          |             |                              |      |              |            |
| 8        | 05300-01      | HH CAP SCREW, 1/2-13 NC X 1-1/2 G5 ZINC | 4    |          |             |                              |      |              |            |
| 9        | 16873         | FENDER                                  | 2    |          |             |                              |      |              |            |
| 10       | 10612         | TAIL LAMP, PETERSON M421KR              | 2    |          |             |                              |      |              |            |
| 11       | 12999         | BATTERY, 12V, MT-34, 700 CCA            | 1    |          |             |                              |      |              |            |
| 12       | 11258         | RUBBER BUMPER                           | 2    |          |             |                              |      |              |            |
| 13       | 16858         | BATTERY HOLDER                          | 2    |          |             |                              |      |              |            |
| 14       | 16899         | BATTERY COVER                           | 1    |          |             |                              |      |              |            |
| 15       | 05365         | CLIP NUT, 1/4-20                        | 2    |          |             |                              |      |              |            |
| 16       | 05069         | WHIZ-LOCK 1/4 - 20 X 5/8                | 6    |          |             |                              |      |              |            |
| 17       | 05131         | HHFS 5/16-18 X 3/4, G8, ZN              | 14   |          |             |                              |      |              |            |
| 18       | 1901-0197     | GAS TANK, W/ STRAPS                     | 1    |          |             |                              |      |              |            |
| 19       | 1901-0197-002 | GAS TANK STRAP                          | 2    |          |             |                              |      |              |            |
| 20       | 16937         | LICENSE PLATE BRACKET                   | 1    |          |             |                              |      |              |            |
| 21       | 16115R        | BATTERY CABLE, POSITIVE, RED            | 1    |          |             |                              |      |              |            |

**BARRETO**

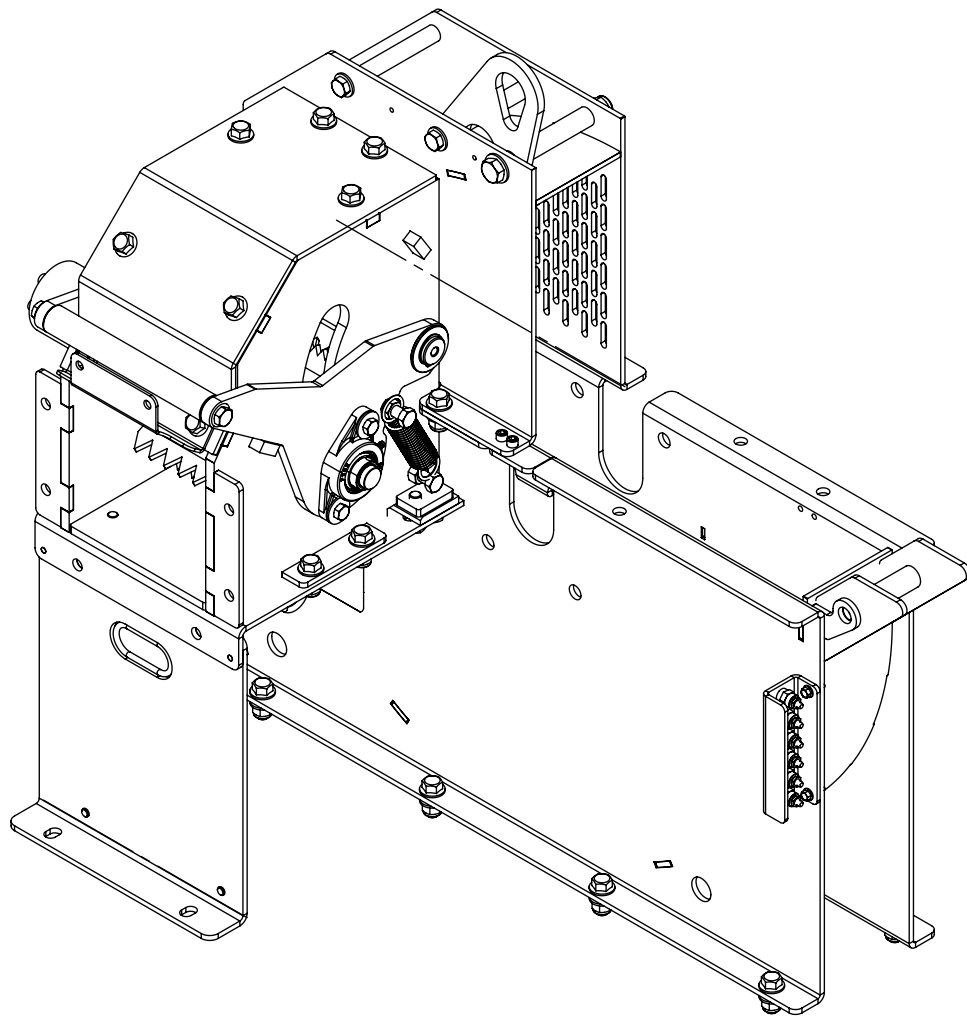
TITLE: CHIPPER FRAME ASSEMBLY  
 PRODUCT LINE:  
 SCALE: 1:16  
 SHEET 1 OF 1

DWG# 00700

| ITEM NO. | PART NUMBER | DESCRIPTION                             | QTY. |
|----------|-------------|-----------------------------------------|------|
| 1        | 16832       | BOTTOM PLATE FOR INTAKE                 | 1    |
| 2        | 00702       | INTAKE WHEEL ASSEMBLY                   | 1    |
| 3        | 16831       | ANVIL                                   | 1    |
| 4        | 16838       | PIVOT ARM, MOTOR SIDE                   | 1    |
| 5        | 16930       | SPRING-CENTURY 81133                    | 2    |
| 6        | 16839       | PIVOT ARM BRACE                         | 1    |
| 7        | 16837       | PIVOT ARM, BEARING SIDE                 | 1    |
| 8        | 16833-1     | BUSHING FOR PIVOT ARM                   | 2    |
| 9        | 05214       | SNAP RING, 1-1/4" EXTERNAL, SH-125      | 2    |
| 10       | 05466       | HHFS 1/2-13 X 3/4, G5, ZN               | 8    |
| 11       | 05139       | HHFS 1/2-13 X 1-1/4, G8, ZN             | 21   |
| 12       | 05300-01    | HH CAP SCREW, 1/2-13 NC X 1-1/2 G5 ZINC | 4    |
| 13       | 05418       | HH CAP SCREW, 7/16-14 NC X 1 G5 ZINC    | 2    |
| 14       | 10276       | HH CAP SCREW, 1/2-13 NC X 6-1/2 G5 ZINC | 4    |
| 15       | 05415       | HH CAP SCREW, 7/16-20 NC X 3/4 G5 ZINC  | 4    |
| 16       | 05323       | HH CAP SCREW, 1/2-13 NC X 1-1/4 G5 ZINC | 2    |
| 17       | 05462       | HH CAP SCREW, 5/8-11 NC X 6.5 G5 ZINC   | 1    |
| 18       | 10326       | NUT, 1/2-13 NC G5 ZINC                  | 4    |
| 19       | 16860       | TOP LEFT REAR GUARD WELDMENT            | 1    |
| 20       | 16805       | BOTTOM GUARD WELDMENT                   | 1    |
| 21       | 05102       | WASHER, 1/2 SAE ZINC HARDENED           | 27   |
| 22       | 05083       | WASHER, 7/16 USS ZINC                   | 6    |
| 23       | 05272       | WASHER, 5/8 SAE ZINC HARDENED           | 2    |
| 24       | 16898       | BEARING, UCF205-16-AP                   | 1    |
| 25       | 05098       | NUT, NYLOCK, 1/2-13 NC ZINC             | 21   |
| 26       | 05096       | NUT, NYLOCK, 1/4-20 NC ZINC             | 2    |
| 27       | 05099       | NUT, NYLOCK, 5/8-11 NC ZINC             | 1    |
| 28       | 16859       | HINGE SPACER                            | 1    |
| 29       | 05133       | SH CAP SCREW, 5/16-18 NC X 3/4 PLAIN    | 2    |
| 30       | 16882       | CHIPPER GUARD SPACER                    | 4    |
| 31       | 16887       | SWING STOP                              | 2    |
| 32       | 16807       | TOP BACK LT CHIP GUARD WELDMENT         | 1    |
| 33       | 16817       | BRACE PLATE                             | 1    |
| 34       | 16929       | ANVIL/BLADE GAUGE                       | 1    |
| 35       | 16868       | SHAFT CLEANER                           | 1    |
| 36       | 16891       | 6 PORT GREASE HOSE CLUSTER              | 1    |
| 37       | 16936       | 1/8" NPT COUPLER                        | 6    |
| 38       | 05049       | WHIZ-LOCK 1/4 - 20 X 3/4                | 2    |
| 39       | 05051       | WHIZ-LOCK 1/4 - 20 X 1/2                | 2    |
| 40       | 05169       | WHIZ-LOCK 5/16 - 18 X 1/2               | 2    |
| 41       | 05256       | GREASE ZERK, 1/4-28 UNF                 | 6    |

| ITEM NO. | PART NUMBER | DESCRIPTION            | QTY. |
|----------|-------------|------------------------|------|
| 42       | 16938       | ANVIL NUT BAR          | 2    |
| 43       | 16867       | BLADE ACCESS DOOR      | 1    |
| 44       | 16818L R1   | INTAKE WELDMENT - LEFT | 1    |
| 45       | 16818R R1   | WELDMENT 16818R        | 1    |
| 46       | 16830 R1    | INTAKE COVER           | 1    |
| 47       | 16944       | COVER BOLT BRACKET     | 1    |
| 48       | 16886       | LIFT EYE               | 1    |

|              |            |
|--------------|------------|
| RELEASE DATE | 06/07/2020 |
| REVISED DATE | NEW        |
| REVISION #   | 0          |



# BARRETO

TITLE: FEED WHEEL ASSEMBLY, R1

PRODUCT LINE: CHIPPER

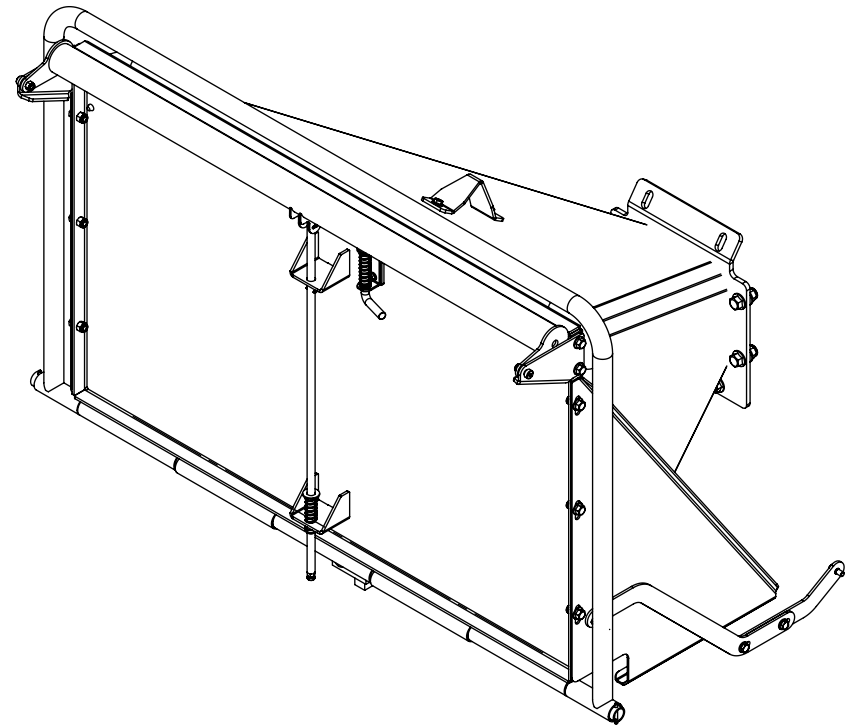
SCALE: 1:16

SHEET 1 OF 2

DWG# 00703 R1



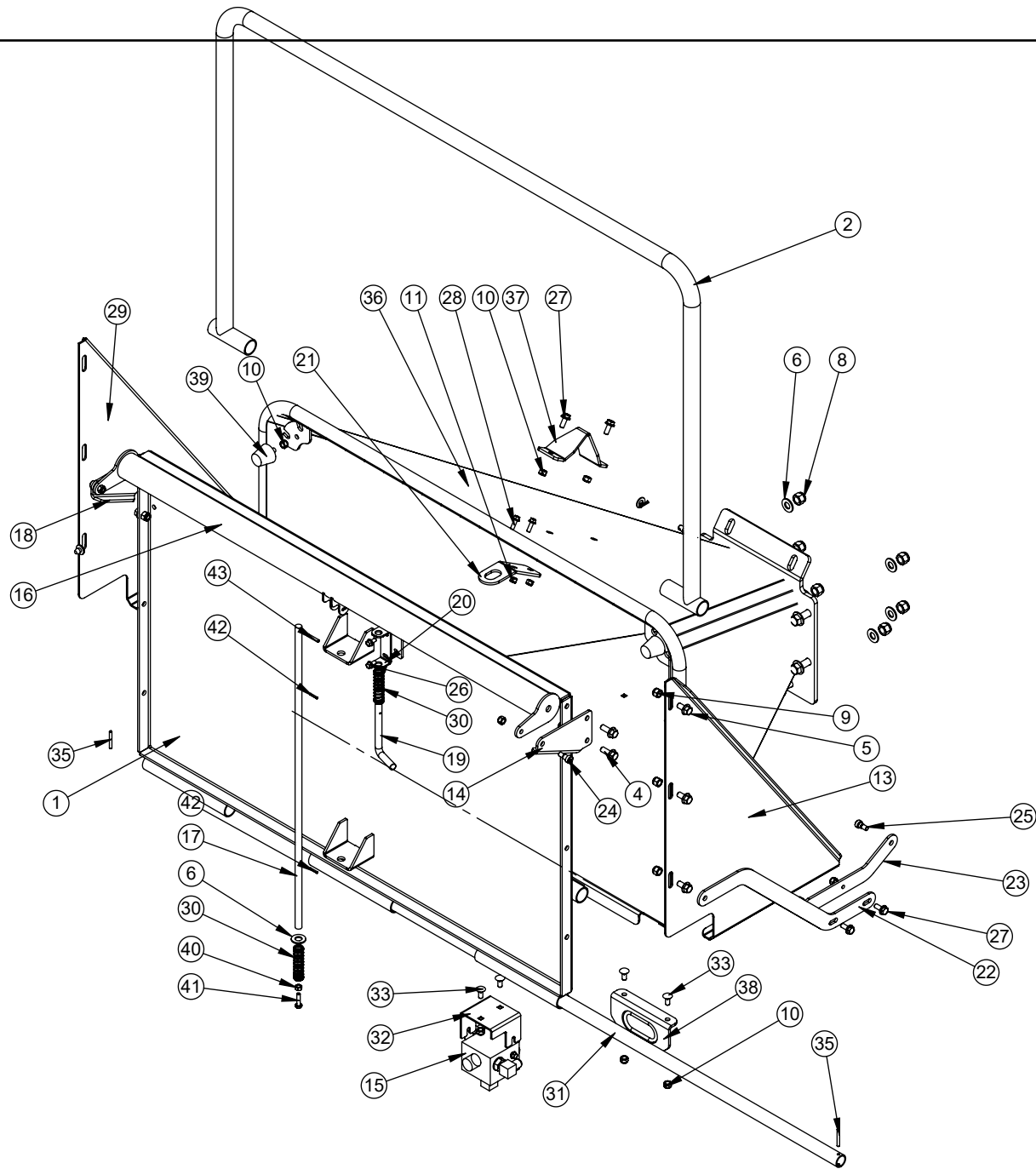
| ITEM NO. | PART NUMBER | DESCRIPTION                                  | QTY. | ITEM NO. | PART NUMBER | DESCRIPTION                                  | QTY. | RELEASE DATE | 06/08/2020 |
|----------|-------------|----------------------------------------------|------|----------|-------------|----------------------------------------------|------|--------------|------------|
| 1        | 16835       | SHELF WELDMENT                               | 1    | 40       | 05090       | NUT, 1/4-20 NC ZINC                          | 1    | REVISED DATE | NEW        |
| 2        | 16840       | FEED LEVER                                   | 1    | 41       | 05237       | HH CAP SCREW, 1/4-20 NC X 1 G5 ZINC          | 1    | REVISION #   | 0          |
| 3        | 05139       | HHFS 1/2-13 X 1-1/4, G8, ZN                  | 6    | 42       | 05548       | ROLL PIN (SLOTTED SPRING), 1/8 X 3/4 ZINC    | 2    |              |            |
| 4        | 05377       | HHFS 3/8-16 X 1, G5, ZN                      | 4    | 43       | 10290       | ROLL PIN (SLOTTED SPRING), 3/16 X 1-1/8 ZINC | 1    |              |            |
| 5        | 05187       | HHFS 3/8-16 X 3/4, G5, ZN                    | 6    |          |             |                                              |      |              |            |
| 6        | 05102       | WASHER, 1/2 SAE ZINC HARDENED                | 7    |          |             |                                              |      |              |            |
| 7        | 05103       | WASHER, 3/8 A325 HARDENED ZINC               | 1    |          |             |                                              |      |              |            |
| 8        | 05098       | NUT, NYLOCK, 1/2-13 NC ZINC                  | 6    |          |             |                                              |      |              |            |
| 9        | 05073       | NUT, NYLOCK, 3/8-16 NC ZINC                  | 10   |          |             |                                              |      |              |            |
| 10       | 05273       | NUT, NYLOCK, 5/16-18 NC ZINC                 | 12   |          |             |                                              |      |              |            |
| 11       | 05096       | NUT, NYLOCK, 1/4-20 NC ZINC                  | 2    |          |             |                                              |      |              |            |
| 12       | 05310       | HAIR SPRING COTTER #2                        | 1    |          |             |                                              |      |              |            |
| 13       | 16842R      | CHUTE SIDE GUARD, RIGHT                      | 1    |          |             |                                              |      |              |            |
| 14       | 16913R      | SAFETY BAR BRACKET, RIGHT                    | 1    |          |             |                                              |      |              |            |
| 15       | 00710       | SAFETY STOP VALVE                            | 1    |          |             |                                              |      |              |            |
| 16       | 16915       | SAFETY PUSH BAR                              | 1    |          |             |                                              |      |              |            |
| 17       | 16916       | PUSH ROD FOR HYD. EMO                        | 1    |          |             |                                              |      |              |            |
| 18       | 16913L      | SAFETY BAR BRACKET, LEFT                     | 1    |          |             |                                              |      |              |            |
| 19       | 16134       | HOPPER PIN                                   | 1    |          |             |                                              |      |              |            |
| 20       | 16924       | PIN BRACKET                                  | 1    |          |             |                                              |      |              |            |
| 21       | 16925       | LATCH CATCH                                  | 1    |          |             |                                              |      |              |            |
| 22       | 16841       | FWD/REV LEVER 1                              | 1    |          |             |                                              |      |              |            |
| 23       | 16846       | FWD/REV LEVER 2                              | 1    |          |             |                                              |      |              |            |
| 24       | 05111       | SHSB, 3/8S X 3/8SL X 5/16 NC, BK OX          | 2    |          |             |                                              |      |              |            |
| 25       | 05351       | SHSB, 3/8S X 1/4SL X 5/16 NC, BK OX          | 1    |          |             |                                              |      |              |            |
| 26       | 05051       | WHIZ-LOCK 1/4 - 20 X 1/2                     | 2    |          |             |                                              |      |              |            |
| 27       | 05140       | WHIZ-LOCK 5/16 - 18 X 3/4                    | 4    |          |             |                                              |      |              |            |
| 28       | 05049       | WHIZ-LOCK 1/4 - 20 X 3/4                     | 2    |          |             |                                              |      |              |            |
| 29       | 16842L      | CHUTE SIDE GUARD, LEFT                       | 1    |          |             |                                              |      |              |            |
| 30       | 16935       | SPRING- CENTURY SPRING 3959                  | 2    |          |             |                                              |      |              |            |
| 31       | 16876       | PIVOT TUBE                                   | 1    |          |             |                                              |      |              |            |
| 32       | 16836       | DUMP VALVE BRACKET                           | 1    |          |             |                                              |      |              |            |
| 33       | 05426-B     | CARRIAGE BOLT, 5/16-18 X 0.750 NC, ZN        | 4    |          |             |                                              |      |              |            |
| 34       | 12163       | BUTTON BUMPER E-3347                         | 2    |          |             |                                              |      |              |            |
| 35       | 05547       | ROLL PIN (SLOTTED SPRING), 3/16 X 1-1/2 ZINC | 2    |          |             |                                              |      |              |            |
| 36       | 16834 R1    | CHUTE WELDMENT                               | 1    |          |             |                                              |      |              |            |
| 37       | 16888       | LIFT EYE BRACKET                             | 1    |          |             |                                              |      |              |            |
| 38       | 16877       | HOSE GUIDE BRACKET                           | 1    |          |             |                                              |      |              |            |
| 39       | 11258       | RUBBER BUMPER                                | 2    |          |             |                                              |      |              |            |



**BARRETO**

TITLE: INTAKE CHUTE ASSEMBLY, R1  
 PRODUCT LINE:  
 SCALE: 1:24  
 SHEET 1 OF 2  
 DWG# 00704 R1



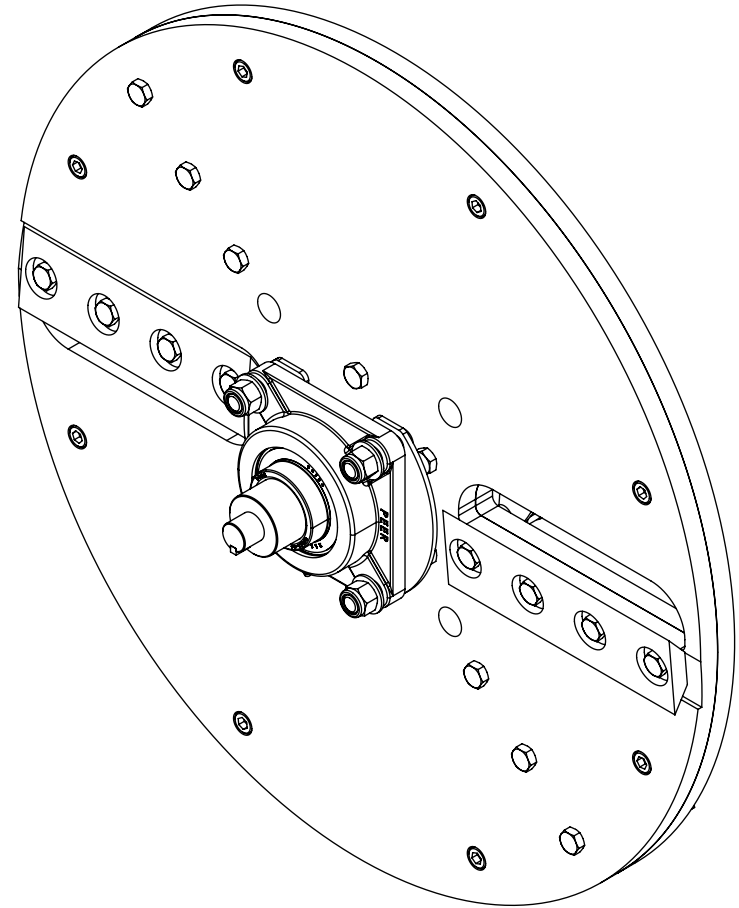


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|                                  |               |  |
|----------------------------------|---------------|--|
| TITLE: INTAKE CHUTE ASSEMBLY, R1 |               |  |
| PRODUCT LINE:                    |               |  |
| SCALE: 1:24                      | DWG# 00704 R1 |  |
| SHEET 2 OF 2                     |               |  |

| ITEM NO. | PART NUMBER | DESCRIPTION                             | QTY. |
|----------|-------------|-----------------------------------------|------|
| 1        | 16827       | WHEEL SHAFT WELDMENT                    | 1    |
| 2        | 16885       | CHIPPER BLADE                           | 2    |
| 3        | 05569       | SH CAP SCREW, 1/2-13 NC X 1 ZINC        | 8    |
| 4        | 16853       | BEARING BOLT RING                       | 2    |
| 5        | 05254       | HH CAP SCREW, 1/2-13 NC X 2-3/4 G8 ZINC | 6    |
| 6        | 11447       | HH CAP SCREW, 1/2-13 NC X 2-1/2 G5 ZN   | 6    |
| 7        | 05099       | NUT, NYLOCK, 5/8-11 NC ZINC             | 8    |
| 8        | 05397       | KEY, 1/2 X 1/2 X 1-3/4                  | 1    |
| 9        | 05102       | WASHER, 1/2 SAE ZINC HARDENED           | 6    |
| 10       | 16904       | UCF211-34 4-BOLT FLANGE BEARING         | 2    |
| 11       | 05272       | WASHER, 5/8 SAE ZINC HARDENED           | 8    |
| 12       | 16820       | CHIPPER FLYWHEEL-BLADE PLATE            | 1    |
| 13       | 16821       | CHIPPER FLYWHEEL-BACK PLATE             | 1    |
| 14       | 16826       | CHIP FAN                                | 2    |
| 15       | 05469       | HH CAP SCREW, 1/2-13 NC X 1-3/4 G8 ZINC | 8    |
| 16       | 05014-A     | KEY, 1/4 X 1/4 X 5/8                    | 1    |
| 17       | 05046       | NUT, GRIPCO, 1/2-13 NC G5 ZINC          | 12   |
| 18       | 16844       | SHAFT SPACER, REAR                      | 1    |
| 19       | 16845       | SHAFT SPACER, FWD                       | 1    |

|              |            |
|--------------|------------|
| RELEASE DATE | 03/25/2020 |
| REVISED DATE | NEW        |
| REVISION #   | 0          |



**BARRETO**

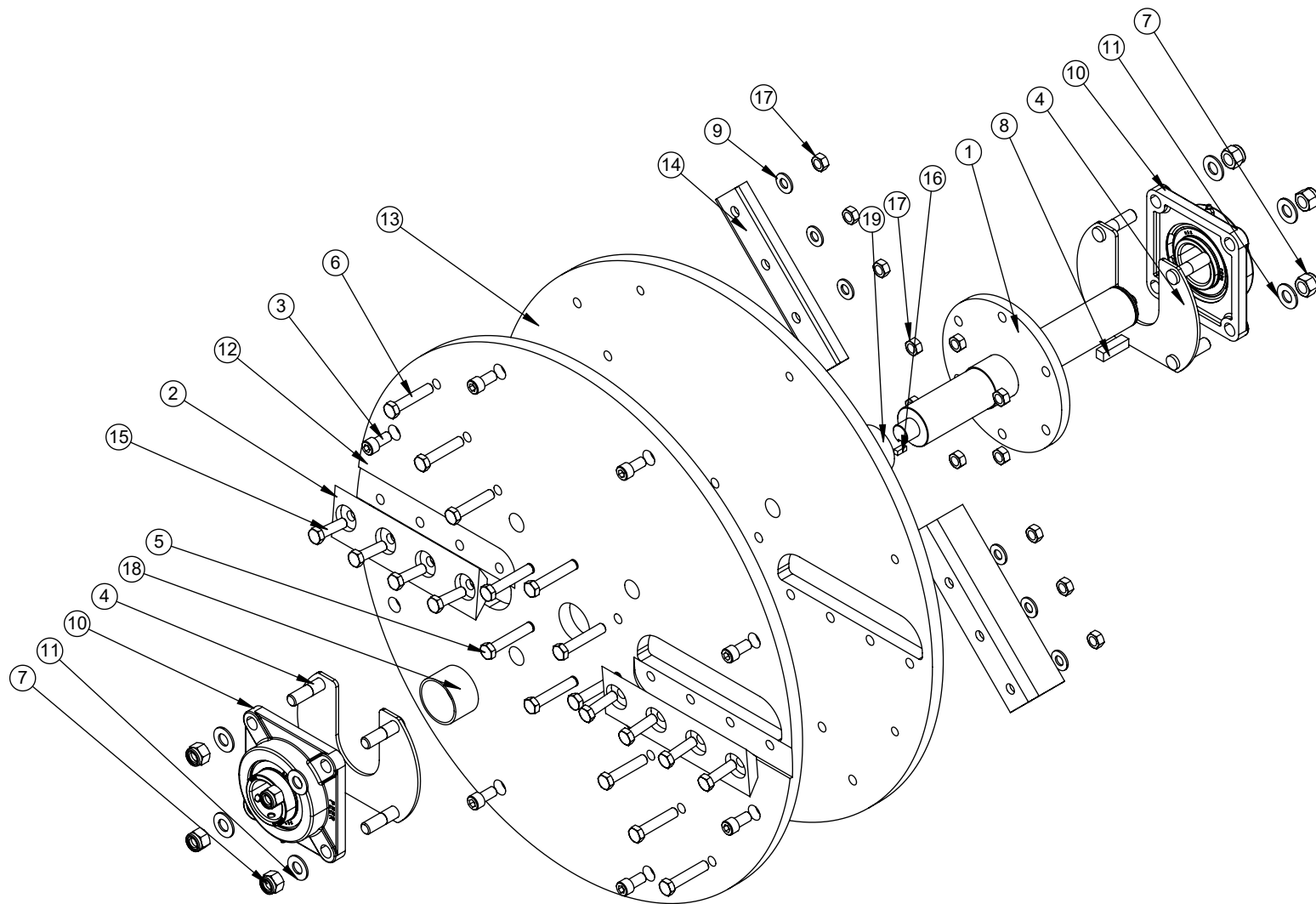
TITLE: FLYWHEEL ASSEMBLY

PRODUCT LINE: CHIPPER

SCALE: 1:24

SHEET 1 OF 2

DWG# 00705



# BARRETO

TITLE: FLYWHEEL ASSEMBLY

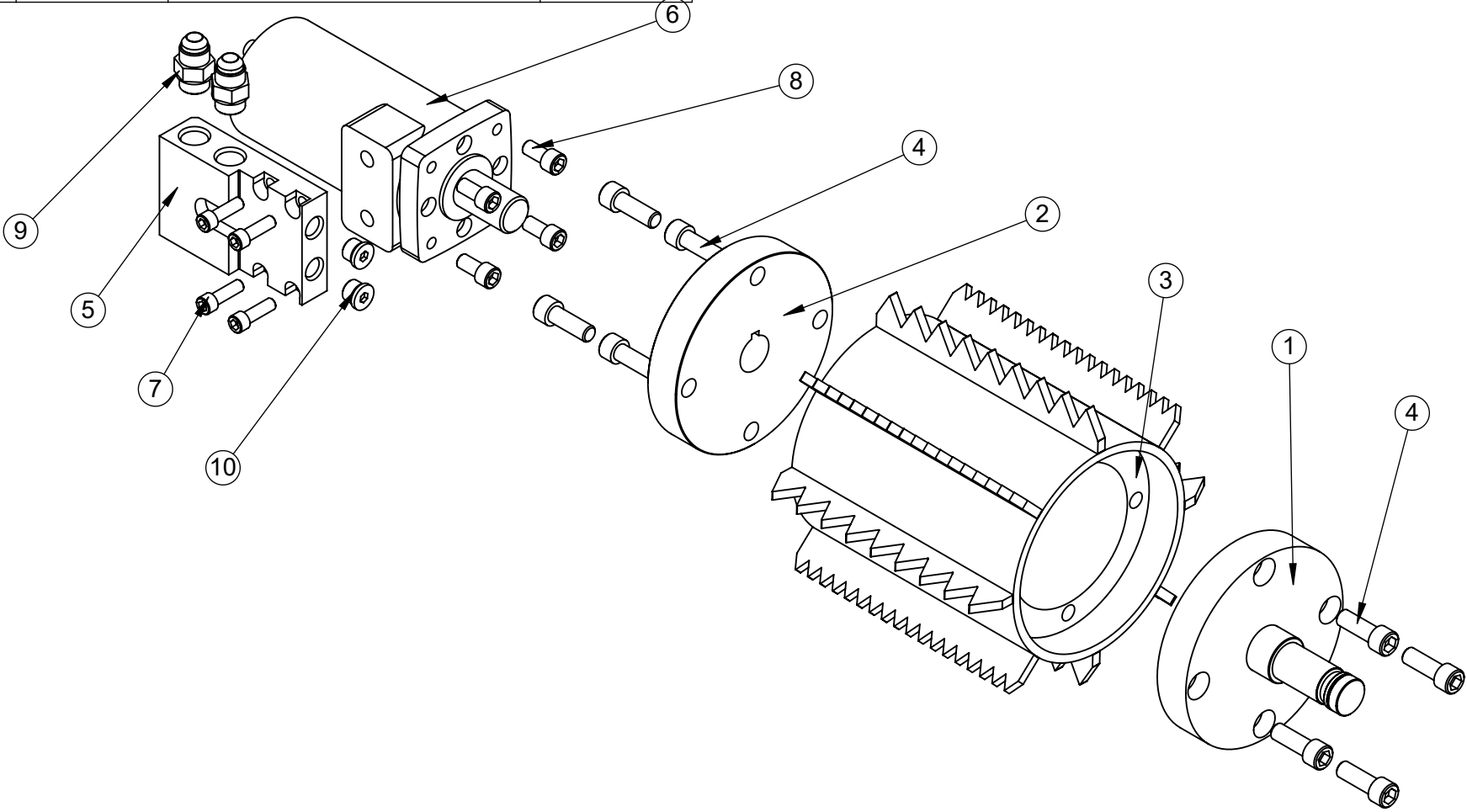
PRODUCT LINE: CHIPPER

SCALE: 1:8  
SHEET 2 OF 2

DWG# 00705

| ITEM NO. | PART NUMBER | DESCRIPTION                           | QTY. |
|----------|-------------|---------------------------------------|------|
| 1        | 16815       | BRG SHAFT WELDMENT                    | 1    |
| 2        | 16816       | MTR SIDE INTAKE WHEEL                 | 1    |
| 3        | 16814       | INTAKE WHEEL WELDMENT                 | 1    |
| 4        | 05353       | SH CAP SCREW, 7/16-20 NF X 1-1/4 ZINC | 8    |
| 5        | 16557       | MANIFOLD, WHEELDRIVE MOTOR            | 1    |
| 6        | 16508       | EATOH H-SERIES MOTOR 17.9CI           | 1    |
| 7        | 05572       | SH CAP SCREW, 5/16-18 NC X 1 ZINC     | 4    |
| 8        | 10237       | SH CAP SCREW, 3/8-16 NC X 3/4 PLAIN   | 4    |
| 9        | 04520       | FITTING, 6400-8-8                     | 2    |
| 10       | 03302       | FITTING, 6409-6 PLUG                  | 2    |

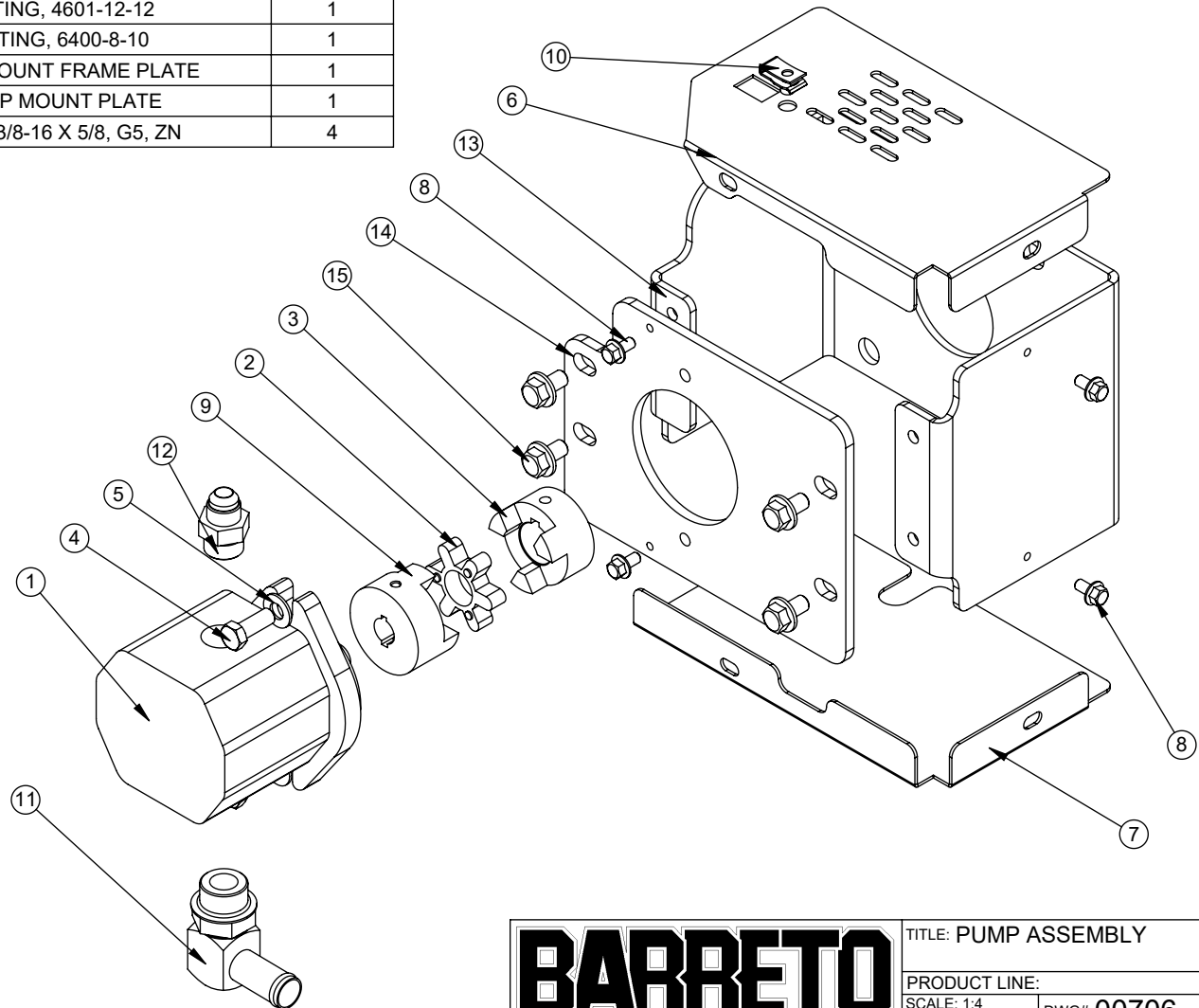
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|--------------|------------|
| RELEASE DATE | 03/23/2020 |
| REVISED DATE | NEW        |
| REVISION #   | 0          |



|                              |            |
|------------------------------|------------|
| TITLE: INTAKE WHEEL ASSEMBLY |            |
| PRODUCT LINE: CHIPPER        |            |
| SCALE: 1:4                   | DWG# 00702 |
| SHEET 1 OF 1                 |            |

| ITEM NO. | PART NUMBER | DESCRIPTION                         | QTY. |
|----------|-------------|-------------------------------------|------|
| 1        | 04004-A     | PUMP, HYDRAULIC                     | 1    |
| 2        | 03022-CH    | SPIDER, RUBBER                      | 1    |
| 3        | 03023       | JAW COUPLER, 1" BORE L095           | 1    |
| 4        | 05059       | HH CAP SCREW, 3/8-16 NC X 1 G5 ZINC | 2    |
| 5        | 05101       | WASHER, 3/8 SAE ZINC                | 2    |
| 6        | 16884-T     | TOP COVER PLATE FOR PUMP            | 1    |
| 7        | 16884-B     | BOTTOM COVER PLATE FOR PUMP         | 1    |
| 8        | 05411       | HHFS 1/4-20 X 1/2, G5, ZN           | 4    |
| 9        | 03021       | JAW COUPLER, PUMP, 5/8" BORE        | 1    |
| 10       | 05365       | CLIP NUT, 1/4-20                    | 1    |
| 11       | 04202       | FITTING, 4601-12-12                 | 1    |
| 12       | 04522       | FITTING, 6400-8-10                  | 1    |
| 13       | 16852 R1    | PUMP MOUNT FRAME PLATE              | 1    |
| 14       | 16940       | PUMP MOUNT PLATE                    | 1    |
| 15       | 05431       | HHFS 3/8-16 X 5/8, G5, ZN           | 4    |

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| RELEASE DATE | 02/10/2020 |
| REVISED DATE | NEW        |
| REVISION #   | 0          |

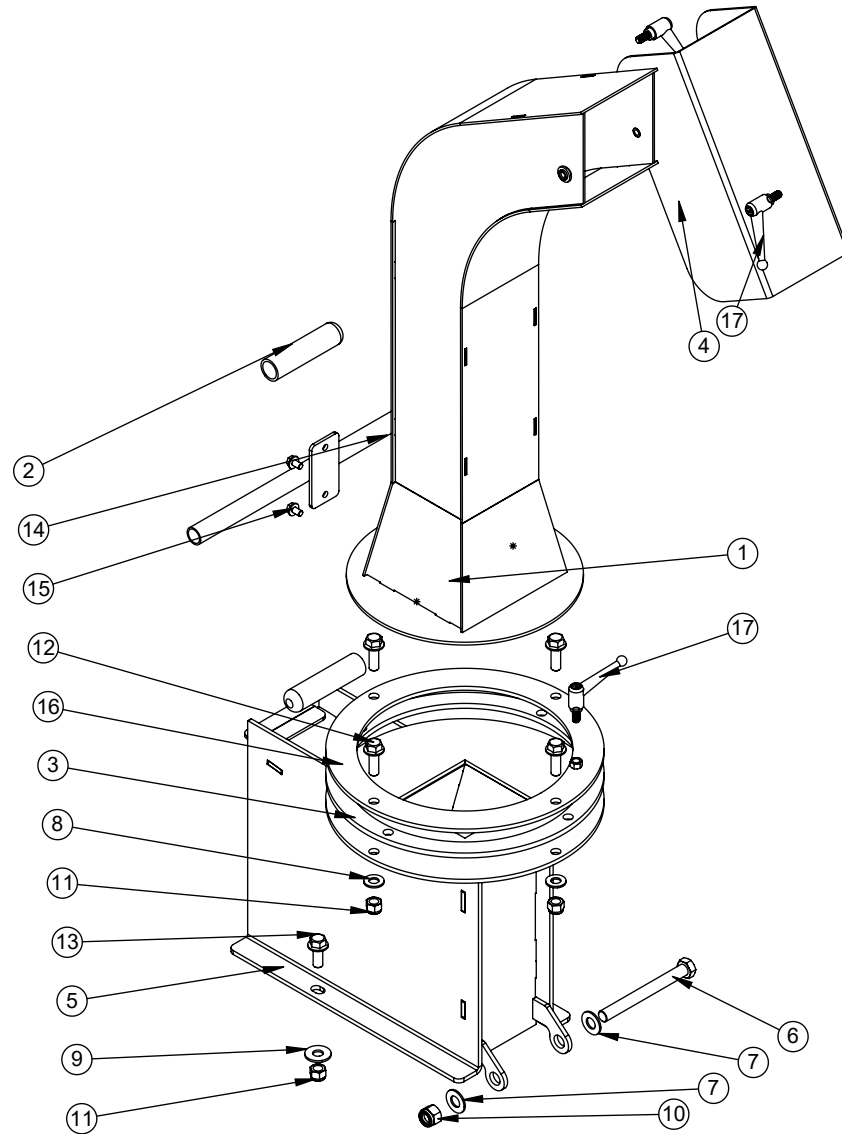


**BARRETO**

|                      |            |
|----------------------|------------|
| TITLE: PUMP ASSEMBLY |            |
| PRODUCT LINE:        |            |
| SCALE: 1:4           | DWG# 00706 |
| SHEET 1 OF 1         |            |

| ITEM NO. | PART NUMBER | DESCRIPTION                         | QTY. |
|----------|-------------|-------------------------------------|------|
| 1        | 16812       | EXIT SPOUT                          | 1    |
| 2        | 03032       | HANDLE BAR GRIPS (SOLD IN PAIRS)    | 2    |
| 3        | 16869       | SPACER                              | 1    |
| 4        | 16813       | SPOUT CAP                           | 1    |
| 5        | 16808       | WHEEL COVER-EXIT CHUTE              | 1    |
| 6        | 05463       | HH CAP SCREW, 5/8-11 NC X 6 G5 ZINC | 1    |
| 7        | 05272       | WASHER, 5/8 SAE ZINC HARDENED       | 2    |
| 8        | 05102       | WASHER, 1/2 SAE ZINC HARDENED       | 4    |
| 9        | 05201       | WASHER, 1/2 USS ZINC                | 2    |
| 10       | 05099       | NUT, NYLOCK, 5/8-11 NC ZINC         | 1    |
| 11       | 05098       | NUT, NYLOCK, 1/2-13 NC ZINC         | 6    |
| 12       | 05465       | HHFS 1/2-13 X 1-1/2, G5, ZN         | 4    |
| 13       | 05139       | HHFS 1/2-13 X 1-1/4, G8, ZN         | 2    |
| 14       | 16819       | PIVOT HANDLEBAR                     | 1    |
| 15       | 05169       | WHIZ-LOCK 5/16 - 18 X 1/2           | 2    |
| 16       | 16811       | EXIT CHUTE LOCK RING                | 1    |
| 17       | 16931       | ADJUSTABLE HANDLE                   | 3    |

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| RELEASE DATE | 03/24/2020 |
| REVISED DATE | NEW        |
| REVISION #   | 0          |



**BARRETO**

TITLE: EXIT CHUTE ASSEMBLY

PRODUCT LINE: CHIPPER

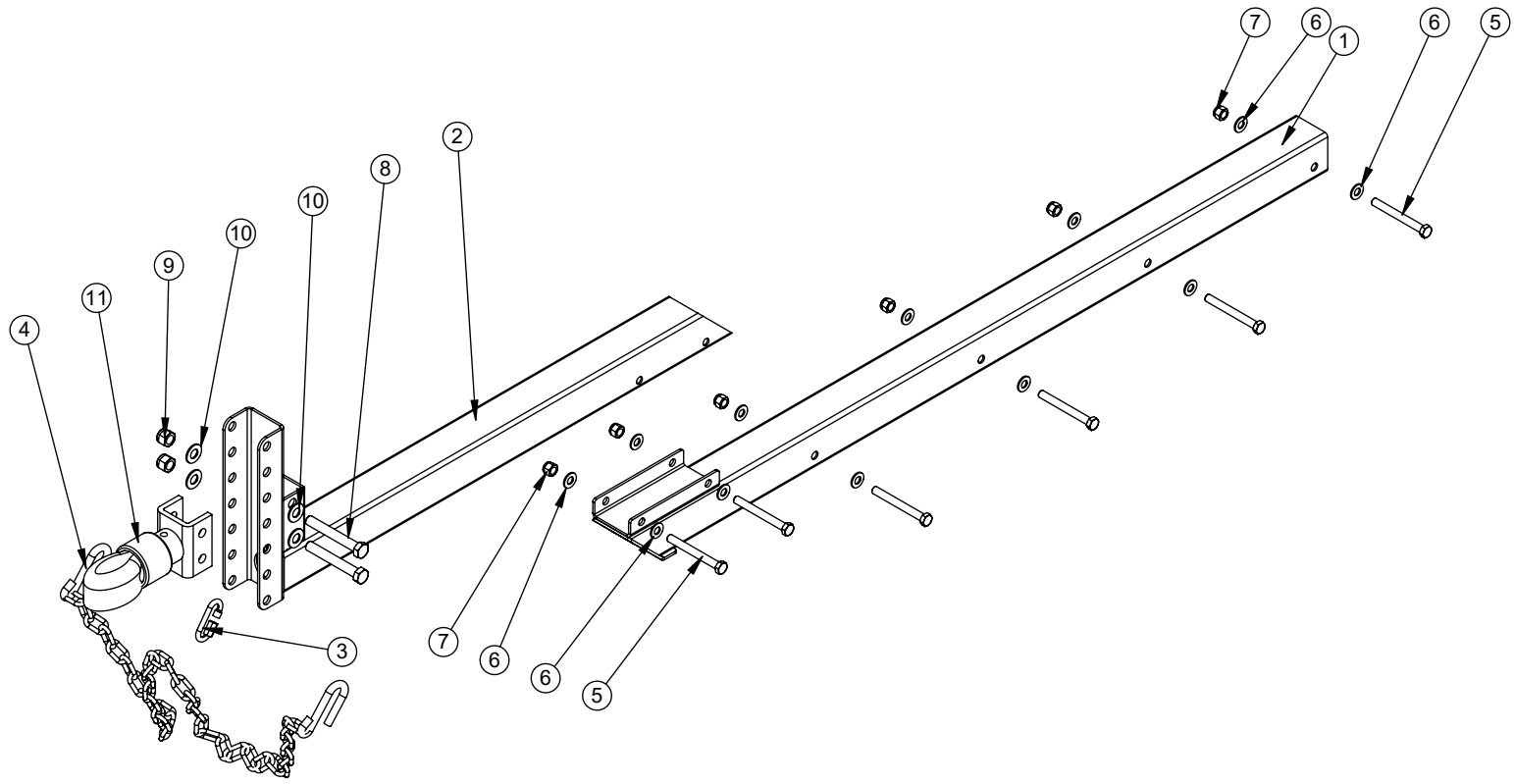
SCALE: 1:10

SHEET 1 OF 1

DWG# 00707

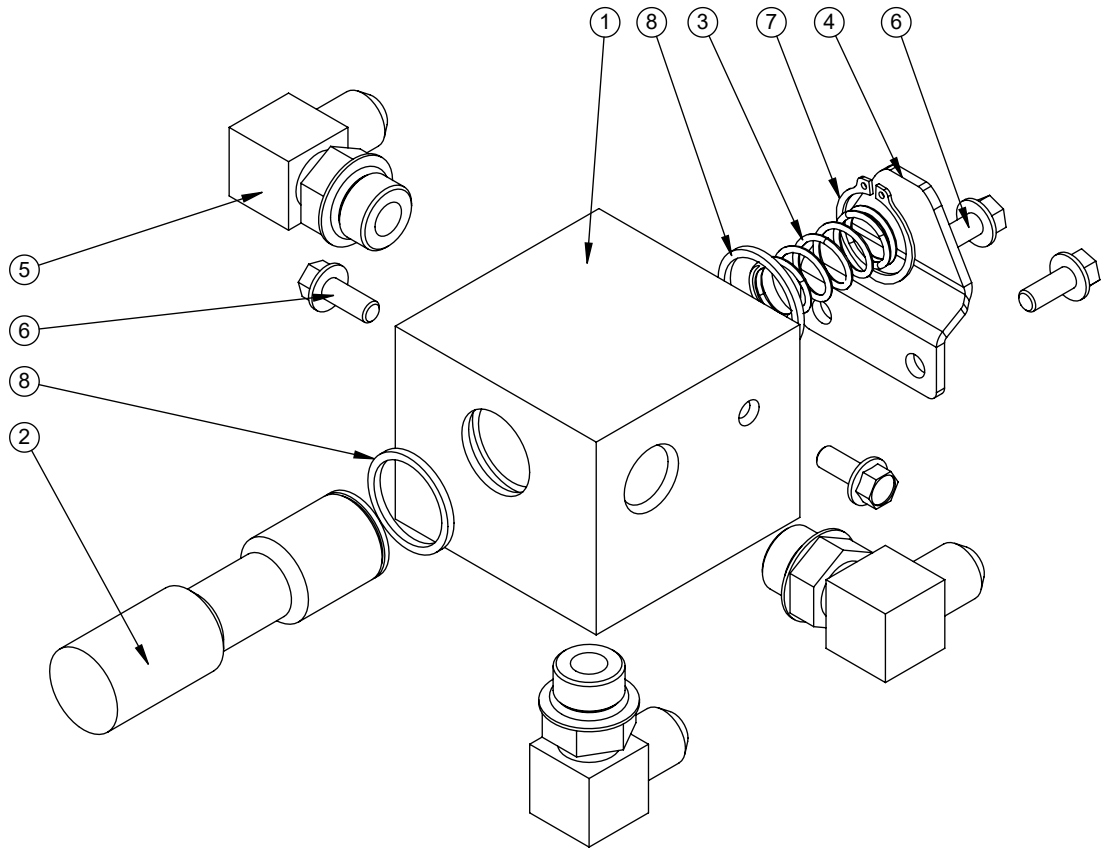
| ITEM NO. | PART NUMBER | DESCRIPTION                             | QTY. |
|----------|-------------|-----------------------------------------|------|
| 1        | 16802       | FRAME TONGUE TUBE                       | 1    |
| 2        | 16803       | COUPLER TONGUE                          | 1    |
| 3        | 03711       | QUICK LINK, 5/16                        | 1    |
| 4        | 08301-1     | SAFETY CHAIN, 1/4", 39 LINKS            | 1    |
| 5        | 05094       | HH CAP SCREW, 1/2-13 NC X 4-1/2 G5 ZINC | 6    |
| 6        | 05102       | WASHER, 1/2 SAE ZINC HARDENED           | 12   |
| 7        | 05098       | NUT, NYLOCK, 1/2-13 NC ZINC             | 6    |
| 8        | 05095       | HH CAP SCREW, 5/8-11 NC X 4-1/2 G5 ZINC | 2    |
| 9        | 05099       | NUT, NYLOCK, 5/8-11 NC ZINC             | 2    |
| 10       | 05272       | WASHER, 5/8 SAE ZINC HARDENED           | 4    |
| 11       | 03820-RAM   | RAM HITCH COUPLER                       | 1    |

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| RELEASE DATE | 03/22/2020 |
| REVISED DATE | NEW        |
| REVISION #   | 0          |



| ITEM NO. | PART NUMBER | DESCRIPTION              | QTY. |
|----------|-------------|--------------------------|------|
| 1        | 16910       | STOP VALVE BLOCK         | 1    |
| 2        | 16911       | STOP VALVE SPOOL         | 1    |
| 3        | 16927       | SPRING- CENTURY 3581     | 1    |
| 4        | 16912       | SPRING RETAINER          | 1    |
| 5        | 04554       | FITTING, 6801-8-8        | 3    |
| 6        | 05069       | WHIZ-LOCK 1/4 - 20 X 5/8 | 4    |
| 7        | 05010       | SNAP RING, 1" EXTERNAL   | 1    |
| 8        | 12085       | QUAD RING, Q-4120-N70    | 2    |

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|--------------|------------|
| RELEASE DATE | 03/19/2020 |
| REVISED DATE | NEW        |
| REVISION #   | 0          |



**BARRETO**

TITLE: SAFETY STOP VALVE

PRODUCT LINE:CHIPPER

SCALE: 1:2  
SHEET 1 OF 1

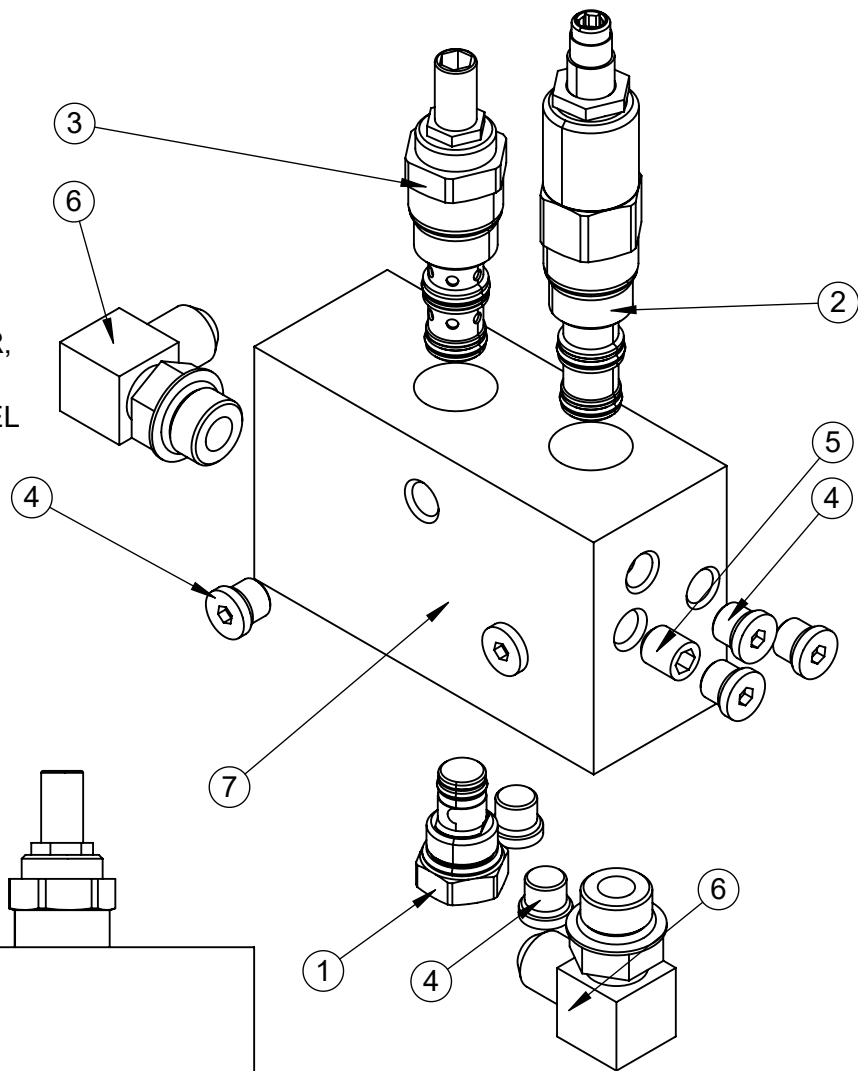
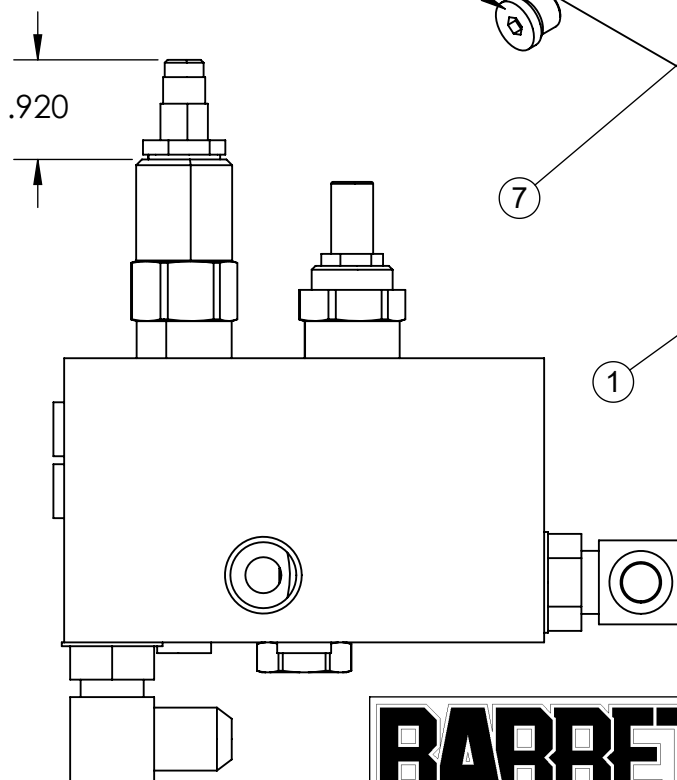
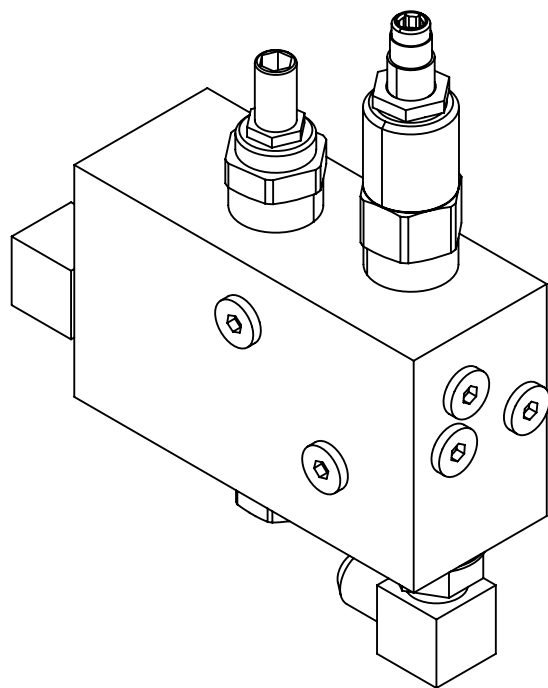
DWG# 00710



| ITEM NO. | PART NUMBER | DESCRIPTION                     | QTY. |
|----------|-------------|---------------------------------|------|
| 1        | 16893       | VONBERG CV08-100                | 1    |
| 2        | 16895       | VONBERG PS10-3XB SEQUENCE VALVE | 1    |
| 3        | 16894       | VONBERG FR10-30A FLOW VALVE     | 1    |
| 4        | 03300       | FITTING, 6409-4 PLUG            | 7    |
| 5        | 16917       | RESTRICTOR SCREW                | 1    |
| 6        | 04554       | FITTING, 6801-8-8               | 2    |
| 7        | 16861       | MANIFOLD BLOCK                  | 1    |

# SEQUENCE VALVE SETTING:

THE SEQUENCE VALVE SCREW IS SET TO APPROXIMATELY 0.920" FROM THE TOP OF THE VALVE BODY TO THE TOP OF THE SCREW. IF THE FEED WHEEL IS NOT TURNING, ENGAGE THE FEED WHEEL LEVER, LOOSEN THE JAM NUT AND SLOWLY TURN THE SCREW COUNTER-CLOCKWISE IN 1/8 TURN INCREMENTS UNTIL THE FEED WHEEL STARTS TURNING. LOCK JAM NUT ONCE WHEEL BEGINS TO TURN.



**BARRETO**

TITLE: CONTRL VALVE BLOCK

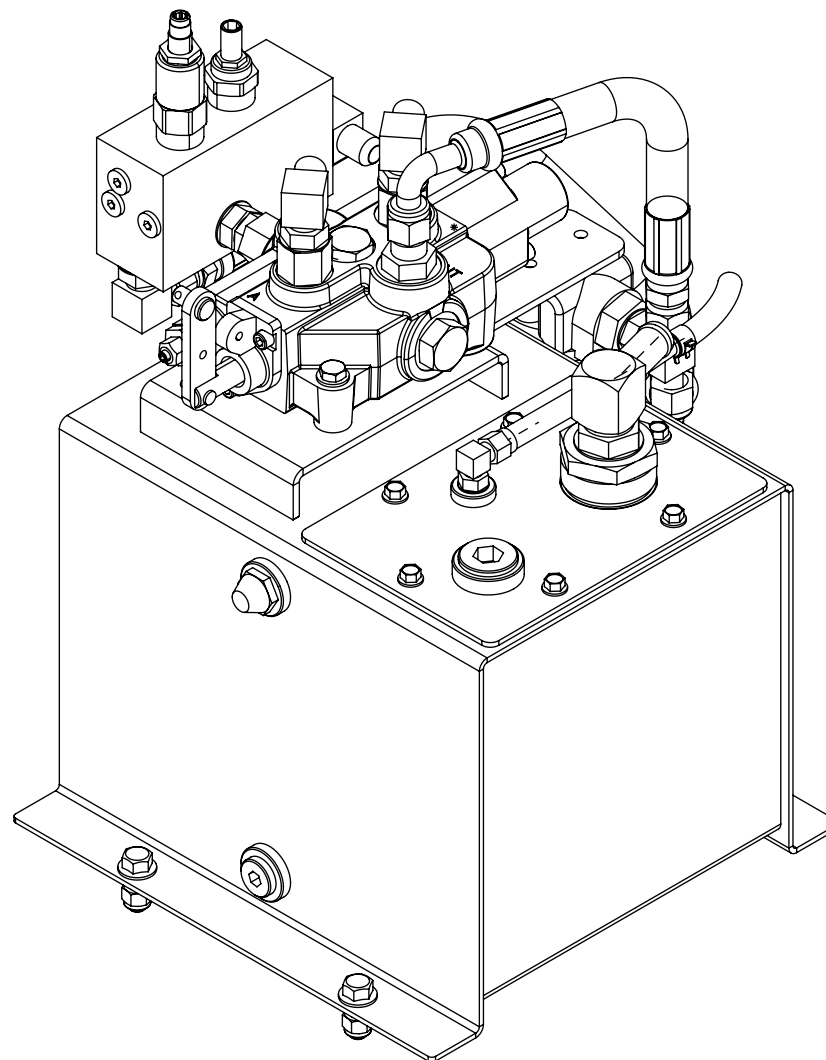
PRODUCT LINE: CHIPPER

SCALE: 1:2  
SHEET 1 OF 1

DWG# 00711

| ITEM NO. | PART NUMBER | DESCRIPTION                              | QTY. |
|----------|-------------|------------------------------------------|------|
| 1        | 16809       | OIL TANK                                 | 1    |
| 2        | 16810       | CHIPPER TANK LID                         | 1    |
| 3        | 10526       | FITTING, 6409-12 PLUG                    | 1    |
| 4        | 03503       | SIGHT GAUGE                              | 1    |
| 5        | 04403       | FILTER HEAD, #12 O-RING                  | 1    |
| 6        | 04202       | FITTING, 4601-12-12                      | 1    |
| 7        | 03951       | FILTER, HYDRAULIC OIL, WITH BY-PASS      | 1    |
| 8        | 10361       | FITTING, 6409-8 PLUG                     | 1    |
| 9        | 10189 R2    | BREATHER HOSE ASSEMBLY                   | 1    |
| 10       | 10247       | SUMP SCREEN #20 EXT #12 INT O-RING       | 1    |
| 11       | 00711       | CONTRL VALVE BLOCK                       | 1    |
| 12       | 10808       | FITTING, 6400-8-12                       | 1    |
| 13       | 04017       | FITTING, 6803-8-8-8                      | 2    |
| 14       | 04222       | FITTING, 6410-12-8                       | 1    |
| 15       | 16920       | FILTER -> TANK RETURN                    | 1    |
| 16       | 16921       | CONTROL BLOCK -> FILTER HOSE             | 1    |
| 17       | 16928       | VALVE -> FILTER HOSE                     | 1    |
| 18       | 05069       | WHIZ-LOCK 1/4 - 20 X 5/8                 | 6    |
| 19       | 05294       | HH CAP SCREW, 5/16-18 NC X 1-1/2 G5 ZINC | 2    |
| 20       | 05068       | WASHER, 5/16 SAE ZINC                    | 2    |
| 21       | 05377       | HHFS 3/8-16 X 1, G5, ZN                  | 4    |
| 22       | 05073       | NUT, NYLOCK, 3/8-16 NC ZINC              | 4    |
| 23       | 16926       | PRINCE VALVE RD412BM5A2B1                | 1    |
| 24       | 04522       | FITTING, 6400-8-10                       | 1    |
| 25       | 04209       | FITTING, 6410-10-8                       | 1    |
| 26       | 04611       | FITTING, 6410-8-8                        | 2    |
| 27       | 04554       | FITTING, 6801-8-8                        | 2    |
| 28       | 04567       | FITTING, 6407-8-8                        | 1    |
| 29       | 16918 R1    | VALVE PIVOT                              | 1    |

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| RELEASE DATE | 03/23/2020 |
| REVISED DATE | NEW        |
| REVISION #   | 0          |



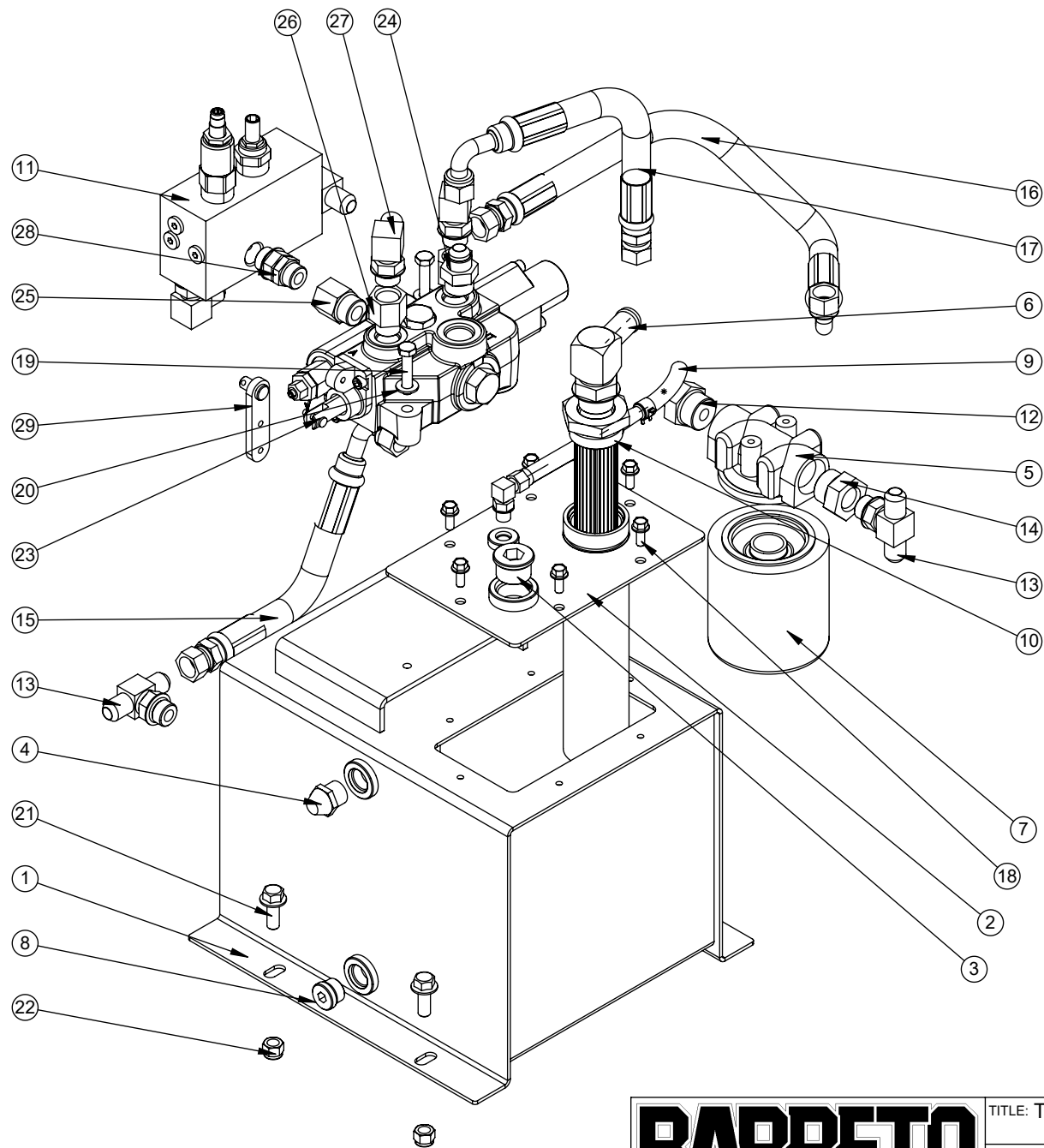
# BARRETO

TITLE: TANK ASSEMBLY

PRODUCT LINE: CHIPPER

SCALE: 1:4  
SHEET 1 OF 2

DWG# 00712



# BARRETO

TITLE: TANK ASSEMBLY

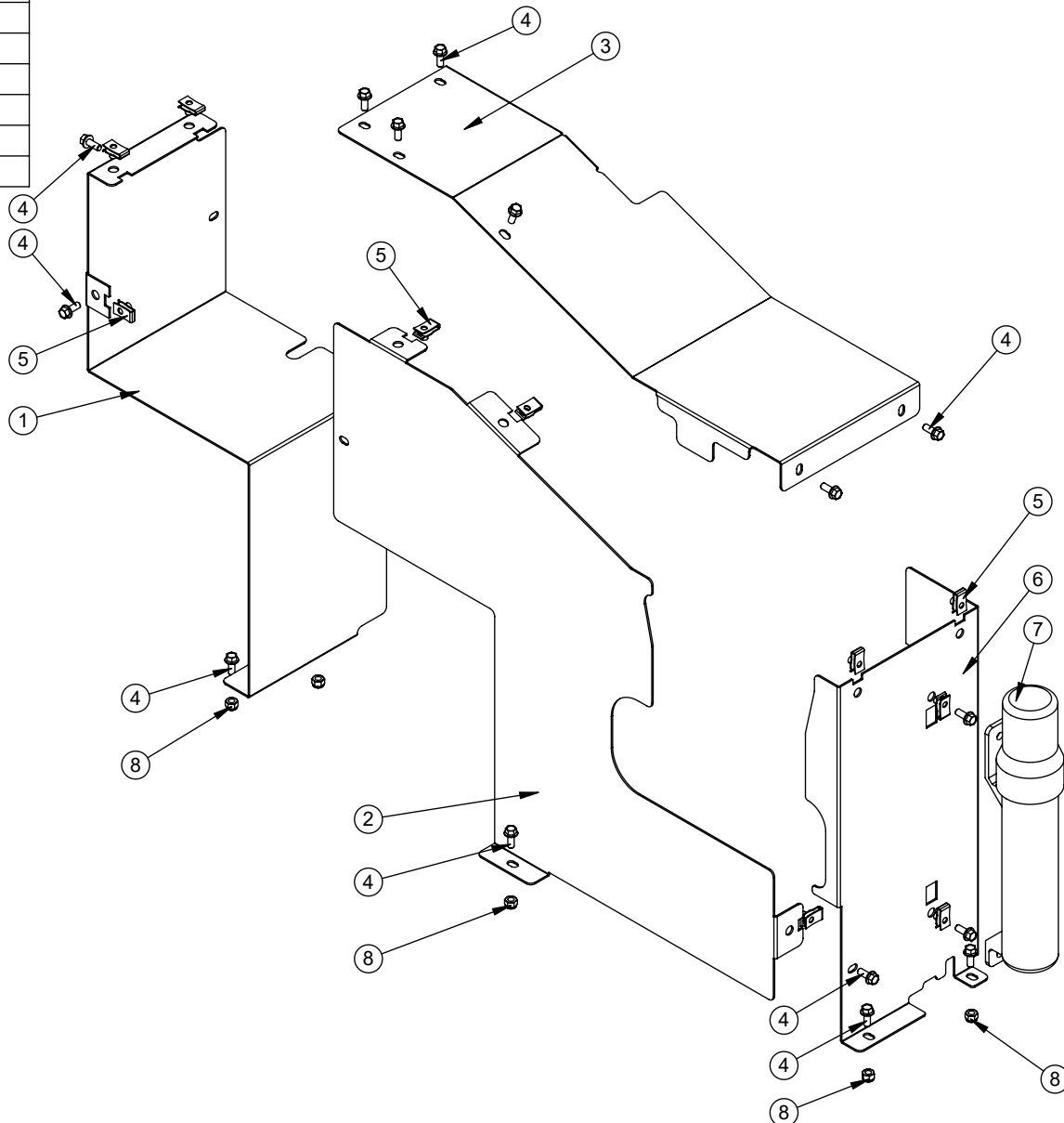
PRODUCT LINE: CHIPPER

SCALE: 1:5  
SHEET 2 OF 2

DWG# 00712

| ITEM NO. | PART NUMBER | DESCRIPTION                 | QTY. |
|----------|-------------|-----------------------------|------|
| 1        | 16870       | LEFT TENSIONER COVER        | 1    |
| 2        | 16872       | FRONT TENSIONER COVER       | 1    |
| 3        | 16874       | TOP TENSIONER COVER         | 1    |
| 4        | 05069       | WHIZ-LOCK 1/4 - 20 X 5/8    | 16   |
| 5        | 05365       | CLIP NUT, 1/4-20            | 10   |
| 6        | 16871       | RIGHT TENSIONER COVER       | 1    |
| 7        | 12090       | INSTRUCTION CANISTER        | 1    |
| 8        | 05096       | NUT, NYLOCK, 1/4-20 NC ZINC | 5    |

|              |            |
|--------------|------------|
| RELEASE DATE | 03/27/2020 |
| REVISED DATE | NEW        |
| REVISION #   | 0          |



# BARRETO

TITLE: ENGINE BELT COVERS

PRODUCT LINE:CHIPPER

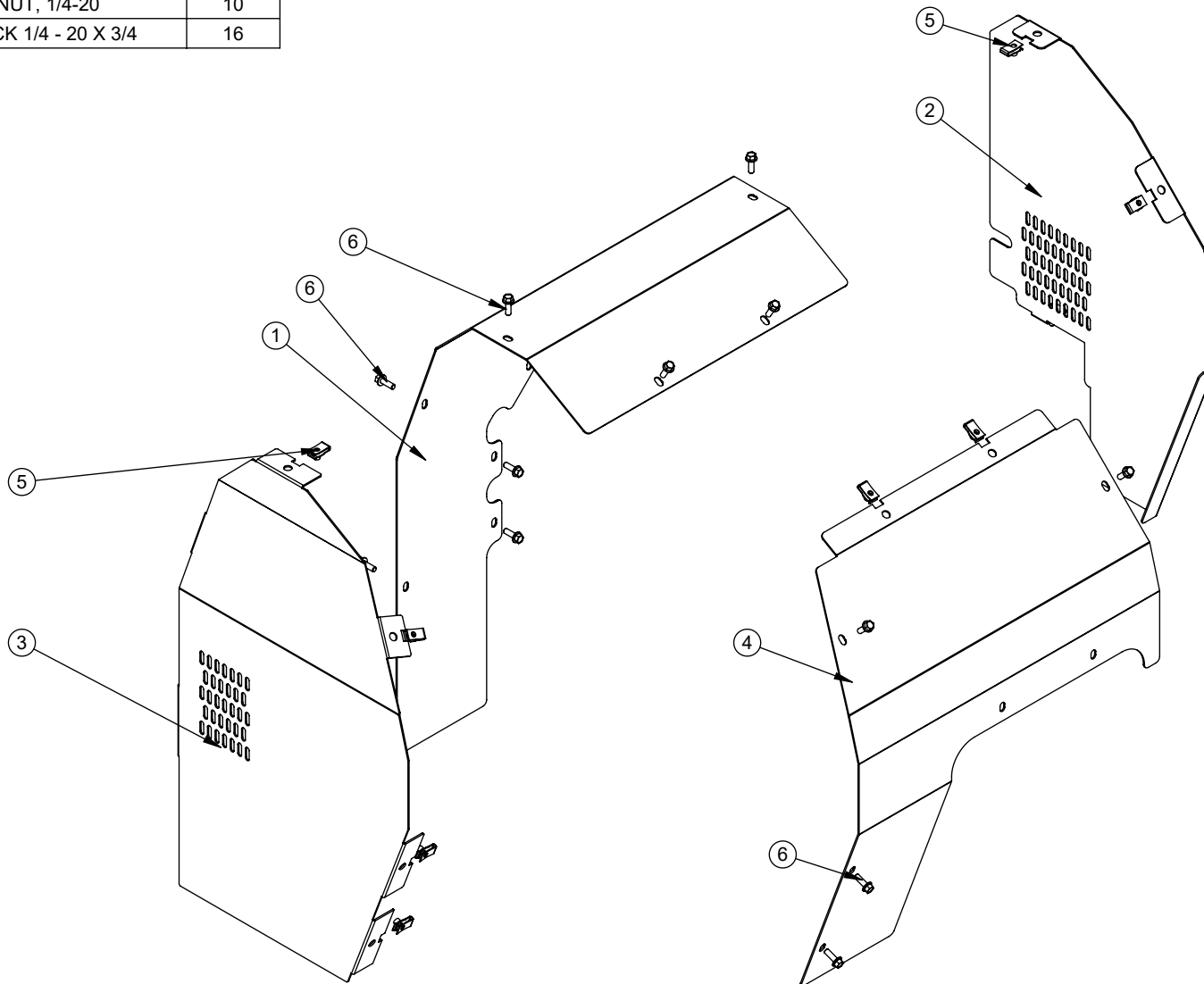
SCALE: 1:7

SHEET 1 OF 1

DWG# 00713

| ITEM NO. | PART NUMBER | DESCRIPTION              | QTY. |
|----------|-------------|--------------------------|------|
| 1        | 16878       | TOP INTAKE COVER         | 1    |
| 2        | 16879       | LEFT INTAKE COVER        | 1    |
| 3        | 16880       | RIGHT INTAKE COVER       | 1    |
| 4        | 16881       | REAR INTAKE COVER        | 1    |
| 5        | 05365       | CLIP NUT, 1/4-20         | 10   |
| 6        | 05049       | WHIZ-LOCK 1/4 - 20 X 3/4 | 16   |

|              |            |
|--------------|------------|
| RELEASE DATE | 03/27/2020 |
| REVISED DATE | 05/26/2020 |
| REVISION #   | 1          |



**BARRETO**

TITLE: FEED WHEEL COVER

PRODUCT LINE: CHIPPER

SCALE: 1:8  
SHEET 1 OF 1

DWG# 00714