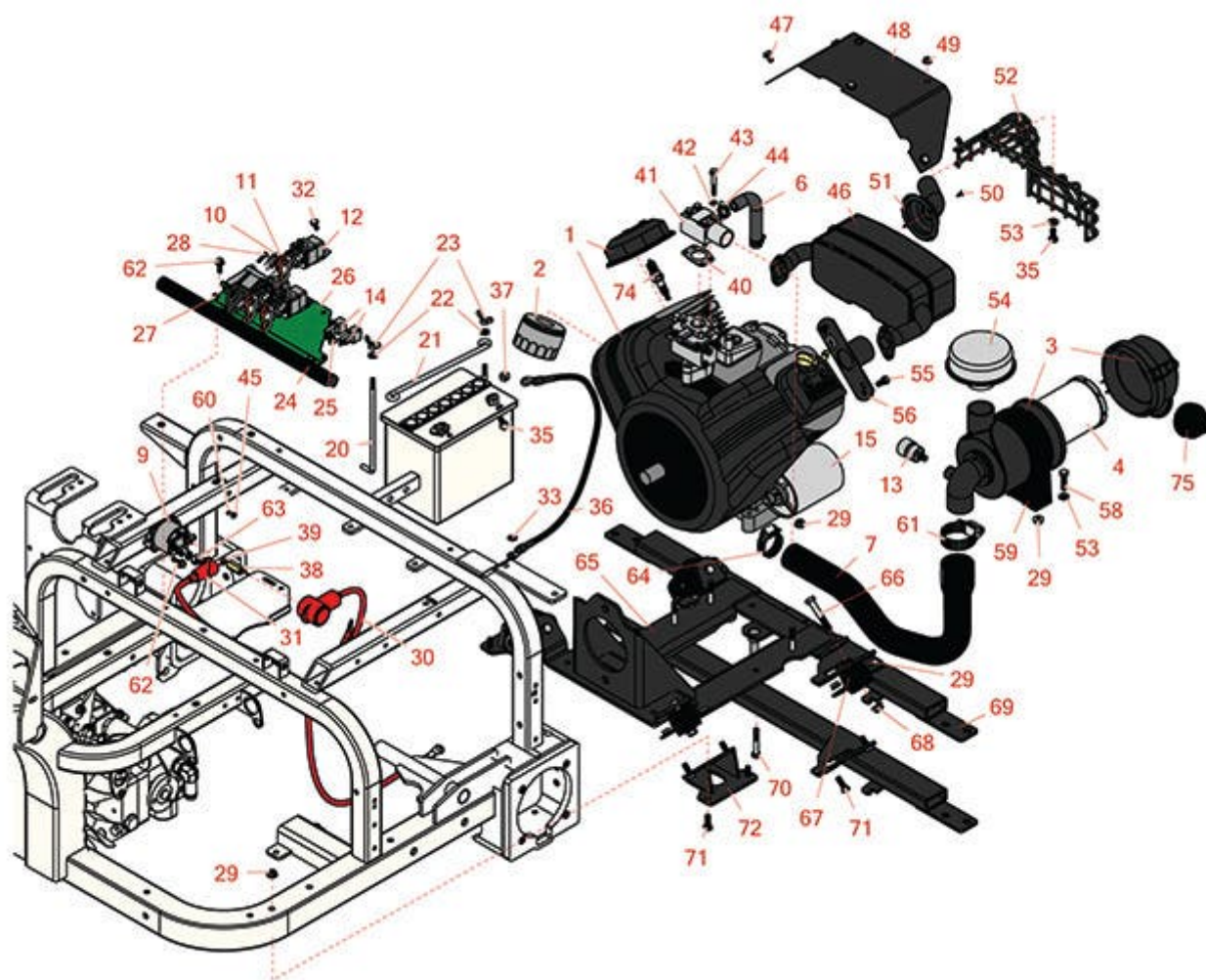




# Replaces R&R Products Sand Max 416

## Parts

*Traction Unit  
Engine*



All original equipment manufacturers names and part numbers are used for identification purposes only, and we are in no way implying that our products are original equipment parts. Prices subject to change without notice.



# Replaces R&R Products Sand Max 416

## Parts

Traction Unit  
Engine



| Item No | R&R Part No. | OEM Part No. | Description | Qty Req | Order Quantity |
|---------|--------------|--------------|-------------|---------|----------------|
|---------|--------------|--------------|-------------|---------|----------------|

### Engines

|   |                |                                                                                                                                                                                                                      |                  |   |  |
|---|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|---|--|
| 1 | RS3054470588G1 | R108-2942,<br>R117-2731,<br>R117-2732,<br>R120-3402,<br>R98-0930,<br>RS3034470480,<br>RS3034471180,<br>RS303447118000,<br>RS3034471180E2,<br>RS3054470178E1,<br>RS3054470178G2,<br>RS3054470265G2,<br>RS3054470285G2 | B-S Engine 16 Hp | 1 |  |
|---|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|---|--|

### Filters

|   |           |                        |                |   |  |
|---|-----------|------------------------|----------------|---|--|
| 2 | RS492932S | R107-7817,<br>RS492056 | B-S Filter-Oil | 1 |  |
|---|-----------|------------------------|----------------|---|--|

*Detail Description: Oil Filter. Smaller Version of 491056 (Ht. 2-1/4"). For Extended Life Series Version, Use 696854/5076D/4206:*

|   |           |  |                        |   |  |
|---|-----------|--|------------------------|---|--|
| 2 | RRF10602  |  | SilverGuard Oil Filter | 1 |  |
| 3 | R93-2190  |  | Air Cleaner Assy       | 1 |  |
| 4 | R108-3811 |  | Element - Air Cleaner  | 1 |  |

### Hoses

|   |           |  |                          |   |  |
|---|-----------|--|--------------------------|---|--|
| 6 | R110-0268 |  | Hose-Adaptor, Carburetor | 1 |  |
| 7 | R108-8401 |  | Hose-Air                 | 1 |  |

### Gauges and Controls

|    |          |                      |               |   |  |
|----|----------|----------------------|---------------|---|--|
| 9  | R28-4210 |                      | Solenoid      | 1 |  |
| 10 | R150812  | R109355,<br>R218-581 | Fuse - 15 Amp | 3 |  |
| 11 | R218-578 | R95-2438             | Fuse - 10 Amp | 1 |  |

All original equipment manufacturers names and part numbers are used for identification purposes only, and we are in no way implying that our products are original equipment parts. Prices subject to change without notice.



# Replaces R&R Products Sand Max 416

## Parts

*Traction Unit  
Engine*



| Item No | R&R Part No. | OEM Part No. | Description                      | Qty Req | Order Quantity |
|---------|--------------|--------------|----------------------------------|---------|----------------|
| 12      | R99-7430     |              | Relay - 30 Amp                   | 3       |                |
| 13      | R93-9164     |              | Indicator - Service - Air Filter | 1       |                |
| 14      | R100-4918    |              | Diode                            | 2       |                |
| 15      | RS691564     |              | B-S Motor-Starter                | 1       |                |

### Other Parts Available

|    |            |                                                                            |                                      |    |  |
|----|------------|----------------------------------------------------------------------------|--------------------------------------|----|--|
| 20 | R100-6435  | R56-7720                                                                   | Post - Battery - Stainless           | 2  |  |
| 21 | R100-6434  |                                                                            | Rod - Battery                        | 1  |  |
| 22 | R3256-22   | R09061,<br>R24-9-BD,<br>R3-1032,<br>R93-0954,<br>R93-0989                  | Washer - Flat 1/4 Yellow             | 2  |  |
| 23 | R09030     | R32103-1,<br>R32103-12,<br>R32103-22                                       | Nut - Wing 1/4                       | 2  |  |
| 24 | R108-6883  |                                                                            | Harness-Wire                         | 1  |  |
| 25 | R301504    | R32127-24,<br>R32146-17,<br>R3296-16,<br>R3296-42,<br>R915661P,<br>RM40333 | Locknut - ESNA 1/4-20                | 3  |  |
| 26 | R110-3322G |                                                                            | Bracket-Relay - Green                | 1  |  |
| 27 | R3296-2    | R32127-10,<br>R9157404                                                     | Nut - #10 Lock                       | 2  |  |
| 28 | R3250-13   |                                                                            | Screw-Pph                            | 2  |  |
| 29 | R104-8300  | R119-4041                                                                  | Locknut - 5/16-18 Flanged Y/Zinc     | 18 |  |
| 30 | R110-3314  |                                                                            | Cable-Positive - Battery to Solenoid | 1  |  |

All original equipment manufacturers names and part numbers are used for identification purposes only, and we are in no way implying that our products are original equipment parts. Prices subject to change without notice.



# Replaces R&R Products Sand Max 416

## Parts

*Traction Unit  
Engine*



| Item No | R&R Part No. | OEM Part No.                                                                                                                                                   | Description                          | Qty Req | Order Quantity |
|---------|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|---------|----------------|
| 31      | R110-3315    |                                                                                                                                                                | Cable-Positive - Solenoid to Starter | 1       |                |
| 32      | R400106      | R321-3,<br>R513315,<br>R908002P                                                                                                                                | Bolt - Hex HD 1/4-20 x 5/8           | 3       |                |
| 33      | R3255-8      |                                                                                                                                                                | Washer - Lock 5/16 Ext               | 1       |                |
| 35      | R322-3       | R01-150-1420,<br>R01-178-0506,<br>R09109,<br>R20-24-AD,<br>R20-24-AGD,<br>R48-9270,<br>R513339,<br>R908017P,<br>RB311201                                       | Bolt - Hex HD 5/16-18 x 3/4          | 5       |                |
| 36      | R105-0836    |                                                                                                                                                                | Cable-Battery - Black                | 1       |                |
| 37      | R443106      | 3218-2,<br>443106,<br>R01-188-0518,<br>R09003,<br>R22-12-AJD,<br>R32111-4,<br>R3217-4,<br>R3217-6,<br>R513295,<br>R513412,<br>R915112P,<br>R915978,<br>R915979 | Nut - 5/16-18 Y/Zinc Plated          | 2       |                |
| 38      | R110-3380    |                                                                                                                                                                | Nut-Standoff                         | 1       |                |

All original equipment manufacturers names and part numbers are used for identification purposes only, and we are in no way implying that our products are original equipment parts. Prices subject to change without notice.



# Replaces R&R Products Sand Max 416

## Parts

*Traction Unit  
Engine*



| Item No | R&R Part No.      | OEM Part No.                                                                                                                                                   | Description                              | Qty Req | Order Quantity |
|---------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|---------|----------------|
| 39      | <b>R3253-4</b>    | R01-166-0110,<br>R01-166-0510,<br>R09053,<br>R23-10-GD,<br>R24-7170,<br>R30-8520,<br>R42-9850,<br>R48-9350,<br>R48-9360,<br>R48-9570,<br>R68-9420,<br>R99-7577 | Washer - Lock 5/16 Zinc                  | 2       |                |
| 40      | <b>RS844931</b>   | R692081                                                                                                                                                        | B-S Gasket-Air Cleaner                   | 1       |                |
| 41      | <b>R108-2829</b>  |                                                                                                                                                                | Adaptor-Carbureto                        | 1       |                |
| 42      | <b>R43-5930</b>   | R01-176-0030                                                                                                                                                   | Washer - Lock M6                         | 4       |                |
| 43      | <b>R33103-045</b> |                                                                                                                                                                | Bolt - M6 x 1.0 x 45 Flange H/D Zinc 8.8 | 4       |                |
| 44      | <b>R2412-36</b>   | R2210-87,<br>R31-9140,<br>R93-5818,<br>R99-0772                                                                                                                | Clamp - Hose 1/2                         | 2       |                |
| 45      | <b>R3218-13</b>   |                                                                                                                                                                | Nut-Jam, Brass                           | 1       |                |
| 46      | <b>R114-0628</b>  | R108-7964                                                                                                                                                      | Muffler - Dual Inlet                     | 1       |                |
| 47      | <b>R33103-012</b> |                                                                                                                                                                | Bolt - Flanged Hx HD                     | 3       |                |
| 48      | <b>R105-8523</b>  | R88-8380,<br>R95-5827,<br>R95-5827-03                                                                                                                          | Shield - Muffler                         | 1       |                |
| 49      | <b>R445795</b>    | R30-4020,<br>R32128-25,<br>R444794                                                                                                                             | Nut - 5/16-18 Flanged                    | 3       |                |
| 50      | <b>R150291</b>    | R32144-87                                                                                                                                                      | Screw - 8 x 1/2 Sheet Metal              | 4       |                |
| 51      | <b>R119-2459</b>  | R110-1306                                                                                                                                                      | Tailpipe                                 | 1       |                |

All original equipment manufacturers names and part numbers are used for identification purposes only, and we are in no way implying that our products are original equipment parts. Prices subject to change without notice.



# Replaces R&R Products Sand Max 416

## Parts

*Traction Unit  
Engine*



| Item No | R&R Part No.        | OEM Part No.                                                                                                                                                                     | Description                             | Qty Req | Order Quantity |
|---------|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|---------|----------------|
| 52      | <b>R110-6348-03</b> |                                                                                                                                                                                  | Shield - Exhaust                        | 1       |                |
| 53      | <b>R453009</b>      | 3256-3,<br>R01-166-0400,<br>R24-10-BD,<br>R24-9-AD,<br>R24H1136,<br>R32-9650,<br>R3256-2,<br>R3256-23,<br>R3256-67,<br>R3290-217,<br>R3556-3,<br>R4-2390,<br>R452006,<br>R7-0152 | Washer - Flat 5/16 SAE                  | 5       |                |
| 54      | <b>R46-7510</b>     |                                                                                                                                                                                  | Hood-Inlet- Air                         | 1       |                |
| 55      | <b>R3210-2</b>      |                                                                                                                                                                                  | Bolt - Hx HD 5/16-24 x 5/8              | 2       |                |
| 56      | <b>R95-0632-03</b>  | R95-0632                                                                                                                                                                         | Cover Assy                              | 1       |                |
| 58      | <b>R400190</b>      | R01-150-0720,<br>R01-178-0510,<br>R30-8680,<br>R322-6,<br>R513343                                                                                                                | Bolt - Hex HD 5/16-18 x 1-1/4<br>GR5    | 2       |                |
| 59      | <b>R95-5806</b>     |                                                                                                                                                                                  | Bracket-Mounting                        | 1       |                |
| 60      | <b>R3254-1</b>      | R19-0820,<br>R33-7-FHD                                                                                                                                                           | Washer- Lock - Int                      | 2       |                |
| 61      | <b>RG132</b>        |                                                                                                                                                                                  | Clamp - Hose 1.56-2.5 Box/10            | 1       |                |
| 62      | <b>R32144-10</b>    | R32140-81,<br>R32144-3,<br>R34-140-AMVD                                                                                                                                          | Bolt - 1/4-20 x 3/4 Serrated Hx<br>Wshr | 4       |                |

All original equipment manufacturers names and part numbers are used for identification purposes only, and we are in no way implying that our products are original equipment parts. Prices subject to change without notice.



# Replaces R&R Products Sand Max 416

## Parts

*Traction Unit  
Engine*



| Item No | R&R Part No. | OEM Part No.                                                                                       | Description                    | Qty Req | Order Quantity |
|---------|--------------|----------------------------------------------------------------------------------------------------|--------------------------------|---------|----------------|
| 63      | R444312      | R22-9-BJD,<br>R26-2360,<br>R26-4370,<br>R3219-12,<br>R3219-14,<br>R48-9280,<br>R513287,<br>R915561 | Nut - 10-32                    | 2       |                |
| 64      | R2412-3      | R99-0782                                                                                           | Clamp - Hose - 1 1/16-2        | 1       |                |
| 65      | R108-2809-03 | R108-2809                                                                                          | Engine Support Assy            | 1       |                |
| 66      | R323-11      | R01-150-1440,<br>R01-178-0618,<br>R20-52-AD,<br>R3224-7                                            | Bolt - 3/8-16 x 2 1/4 GR5      | 4       |                |
| 67      | R83-1030     | R108-6879,<br>R121-9076,<br>R83-1031,<br>RZS484148                                                 | Mount - Engine                 | 4       |                |
| 68      | R104-8301    | R109-6658,<br>R133-7570                                                                            | Locknut - 3/8-16 Nylon Flanged | 4       |                |
| 69      | R108-2819B   |                                                                                                    | Engine Mount Assy              | 1       |                |
| 70      | R322-10      | R20-30-AD,<br>R24-7180,<br>R3223-6,<br>R513347                                                     | Bolt - Hex HD 5/16-18 x 2      | 4       |                |
| 71      | R322-4       | R3290-115,<br>R908018P                                                                             | Bolt - Hex HD 5/16-18 x 7/8    | 12      |                |
| 72      | R108-8474B   |                                                                                                    | Front Mount Assy               | 2       |                |
| 74      | RN7938       | R130-8380,<br>R491055,<br>RN1716,<br>RN1736                                                        | NGK Spark Plug - BKR5E         | 2       |                |

*Detail Description: Replaces Champion RC12YC:*

All original equipment manufacturers names and part numbers are used for identification purposes only, and we are in no way implying that our products are original equipment parts. Prices subject to change without notice.



# Replaces R&R Products Sand Max 416 Parts

*Traction Unit  
Engine*



| Item No | R&R Part No. | OEM Part No. | Description      | Qty Req | Order Quantity |
|---------|--------------|--------------|------------------|---------|----------------|
| 75      | R87-9400     | R94-1414     | Valve - Vacuator | 1       |                |

All original equipment manufacturers names and part numbers are used for identification purposes only, and we are in no way implying that our products are original equipment parts. Prices subject to change without notice.