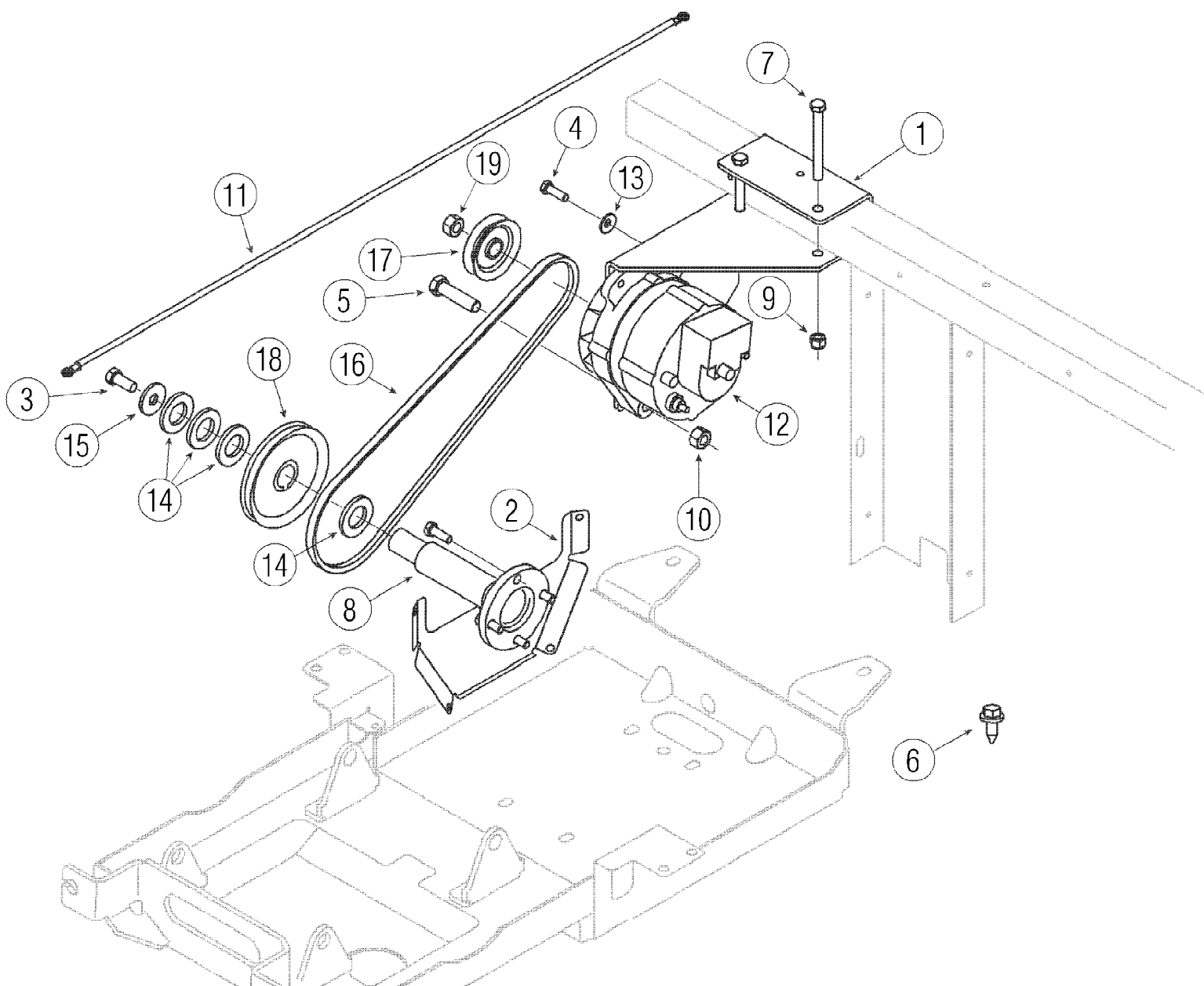


642 6x4 Utility Vehicle (Fire & Rescue) (37AC642E710)  
Alternator

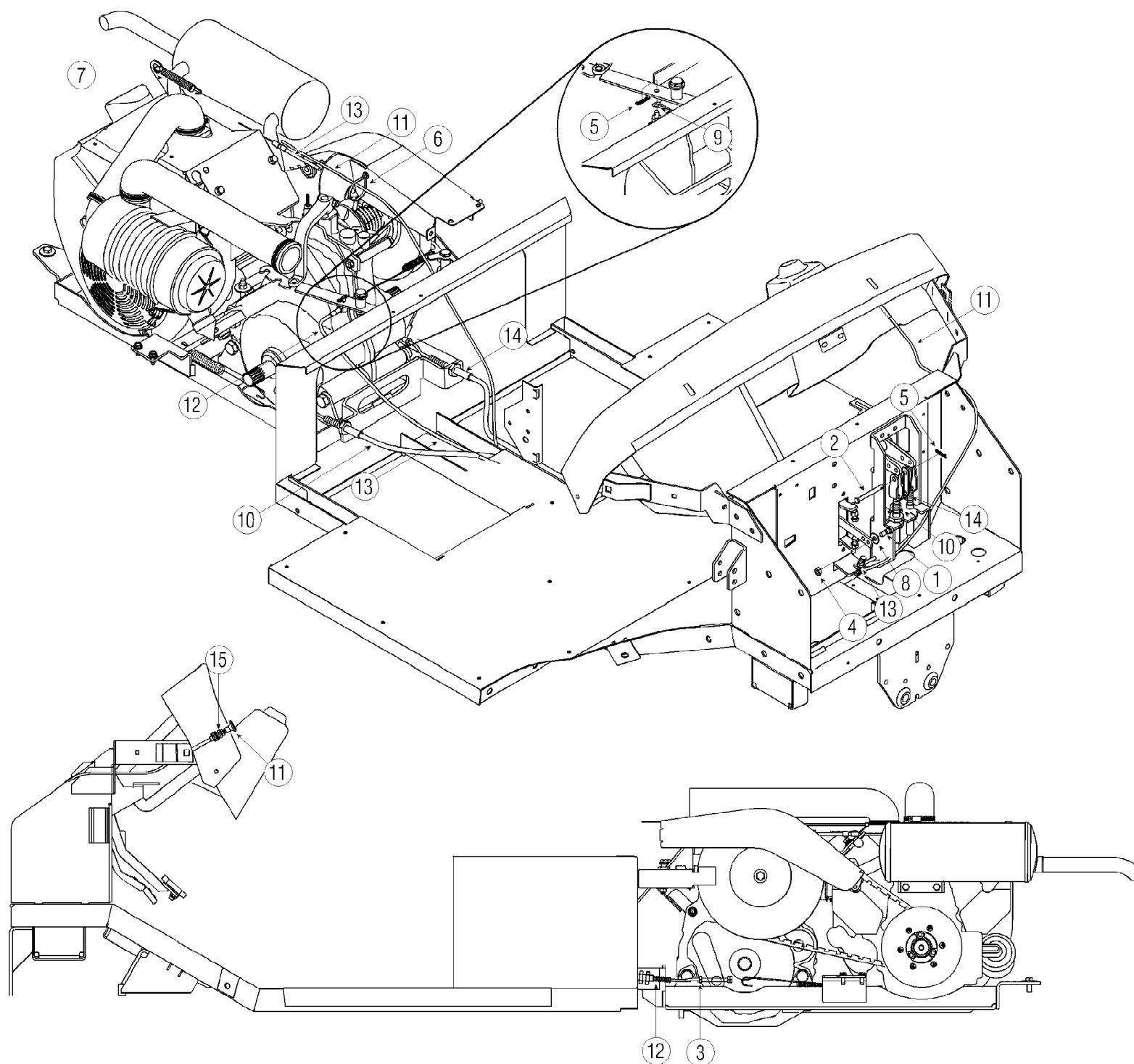
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642 6x4 Utility Vehicle (Fire & Rescue) (37AC642E710)  
Alternator

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| Ref # | Part Number | Qty | S/P/F | Description                                   |
|-------|-------------|-----|-------|-----------------------------------------------|
| 1     | 707-04619   | 1   |       | Front Mounting Bracket                        |
| 2     | 707-04637   | 1   |       | Engine Shield Bracket                         |
| 3     | 710-0314    | 1   | /P    | Hex Head Screw 7/16-20 x 1.00                 |
| 4     | 710-0376    | 1   | /P    | Screw, Hex, 5/16-18 x 1 .00 GR5 STD           |
| 5     | 710-0489    | 1   |       | Screw, Hex, 1/2-13 x 2.00 GR5 STD             |
| 6     | 710-0896    | 1   | /P    | Screw, Hex, 1/4-14 x .625 Hex Ind. Washer     |
| 7     | 710-3198    | 2   |       | Screw, Hex, 3/8-16 x 3.50 GR5 Spec.           |
| 8     | 711-04461   | 1   | S     | Kohler Front Drive Shaft                      |
| 9     | 712-0130    | 2   | /P    | Nut, Flange Lock, 3/8-16                      |
| 10    | 712-3022    | 1   | /P    | Nut, Hex Lock, 1/2-13                         |
| 11    | 725-04148   | 1   |       | Alternator Harness, Aux.                      |
| 12    | 725-04161   | 1   |       | Alternator, 65 AMP                            |
| 13    | 736-0242    | 1   | /P    | Washer, Bell, .340 x .872 x .060              |
| 14    | 736-0274    | 4   | S     | Washer, Flat, 1.01 x 1.75 x .172              |
| 15    | 736-0319    | 1   | S     | Washer, Flat, .450 x 1.380 x .134             |
| 16    | 754-0465    | 1   | S     | V Belt, 3/8 x 35.68 long                      |
| 17    | 756-04097   | 1   |       | Pulley, 2.65 OD x 3L                          |
| 18    | 756-04197   | 1   |       | Pulley, 4.5 OD x 1" Hub                       |
| 19    | 712-3056    | 1   | /P    | Jam Nut 5/8-16                                |
| 20    | 725-04299   | 1   |       | Kohler Alternator Accessory Harness not shown |
| 21    | 725-04300   | 1   |       | Kohler Alternator Accessory Ground not shown  |



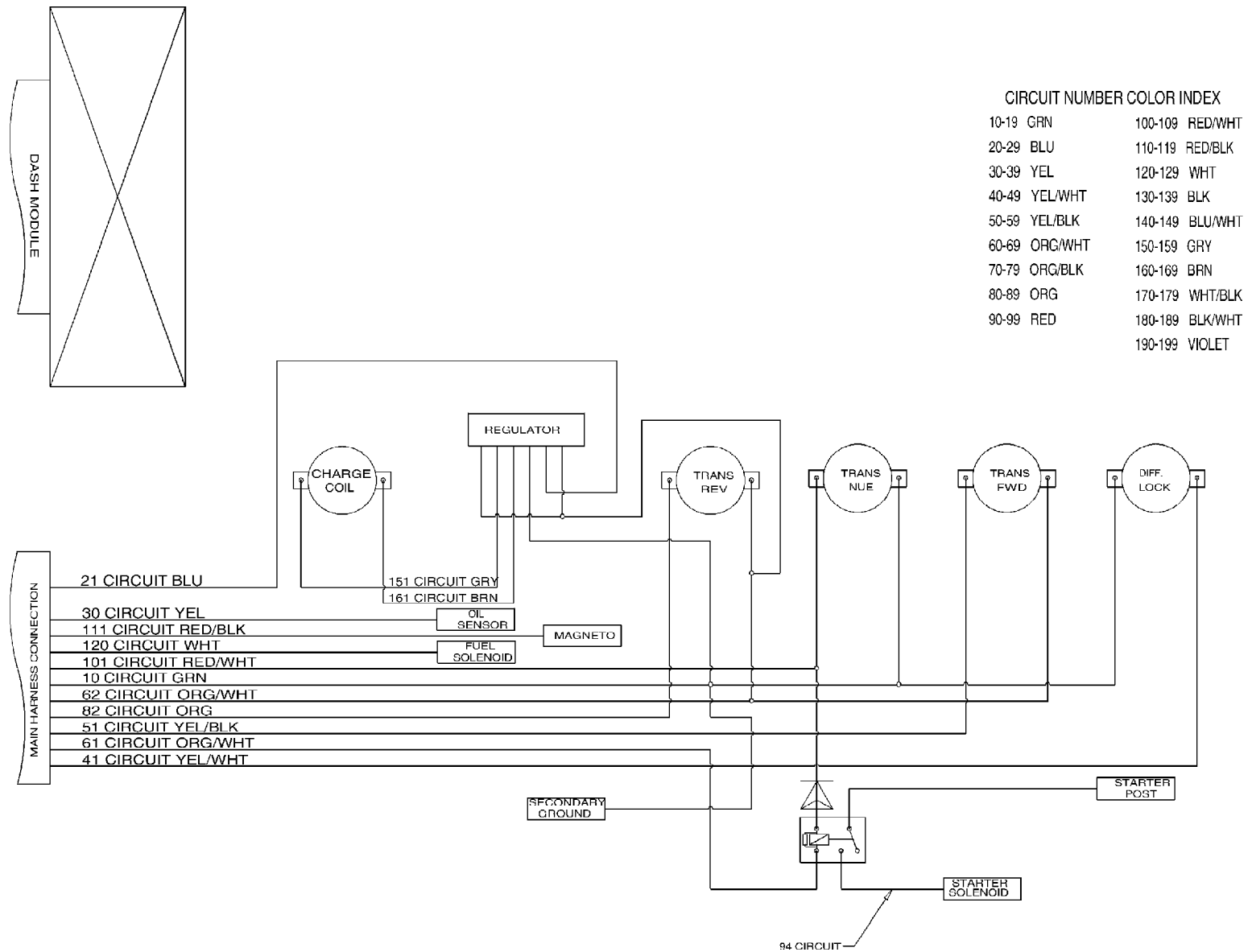
642 6x4 Utility Vehicle (Fire & Rescue) (37AC642E710)  
Cables

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| Ref # | Part Number | Qty | S/P/F | Description                        |
|-------|-------------|-----|-------|------------------------------------|
| 1     | 710-04027   | 1   |       | Screw, Shoulder, .375 x .375       |
| 2     | 711-0813    | 1   | S     | Pin, Clevis, 5/16 x 2.5            |
| 3     | 712-3025    | 6   |       | Nut, Jam, 5/16-24, Gr5             |
| 4     | 712-3009    | 1   | S     | Nut, Hex Lock, 5/16-18             |
| 5     | 714-0104    | 2   | S     | Pin, Cotter, .072 x 1.13           |
| 6     | 726-0154    | 1   | S     | Cable Tie, Tree Mount              |
| 7     | 732-0470A   | 1   | S     | Extension Spring                   |
| 8     | 736-0159    | 1   | S     | Washer, .349 x .879 x .063         |
| 9     | 736-0271    | 1   | S     | Washer, Spring, .317 x .879 x .063 |
| 10    | 746-04000   | 1   | S     | Cable, Control, Brake              |
| 11    | 746-04002   | 1   | S     | Cable, Control, Choke              |
| 12    | 746-04006   | 1   |       | Cable, Control, Clutch Brake       |
| 13    | 746-04194   | 1   |       | Cable, Control, Throttle           |
| 14    | 746-04125   | 1   |       | Cable, Control, Brake              |
| 15    | 712-0181    | 1   | S     | Nut, Jam Lock 3/16-16, Gr5         |

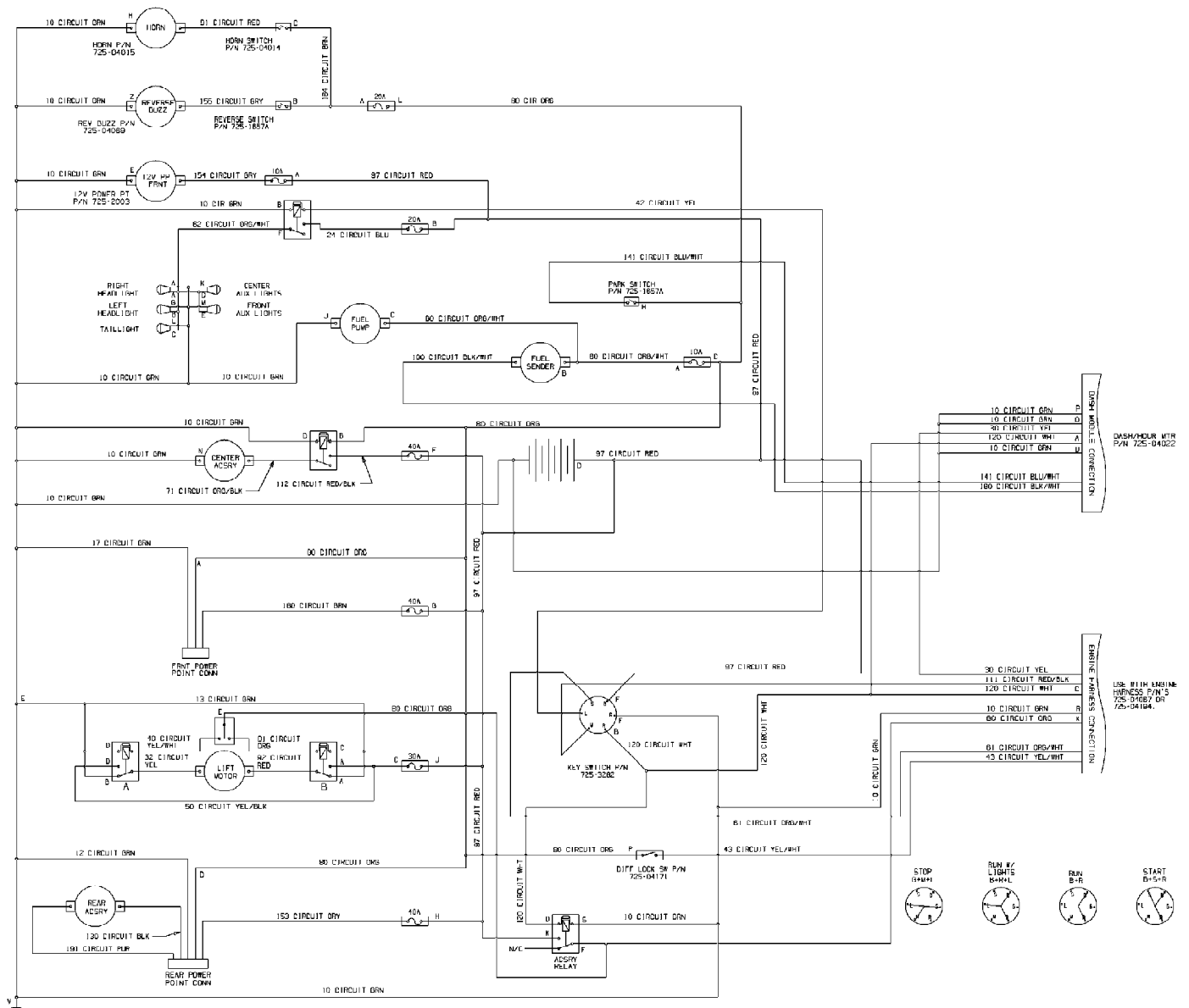
642 6x4 Utility Vehicle (Fire & Rescue) (37AC642E710)  
Electrical Schematic 1

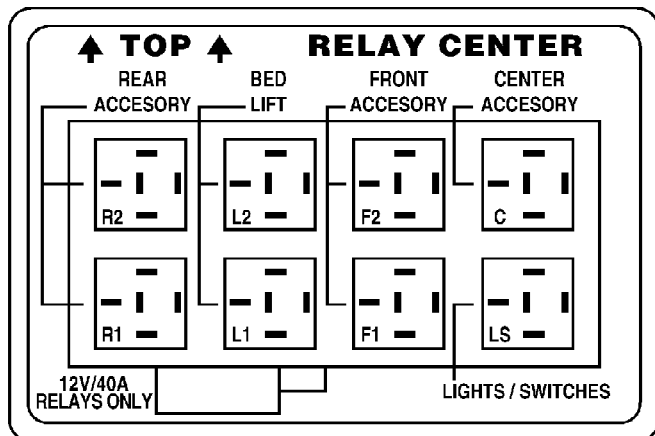
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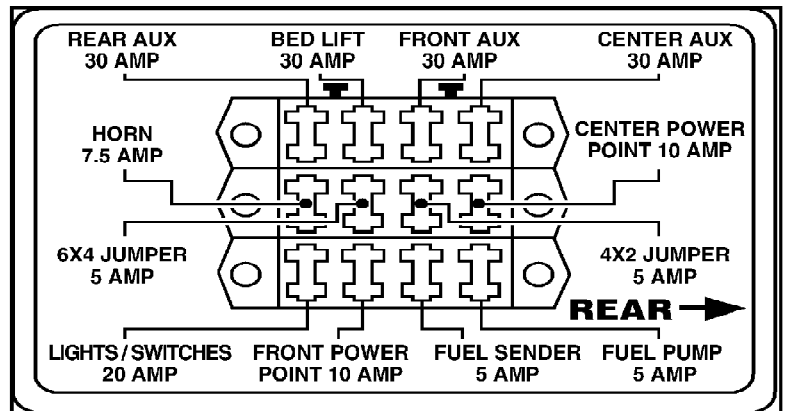
## 642 6x4 Utility Vehicle (Fire & Rescue) (37AC642E710) Electrical Schematic 2

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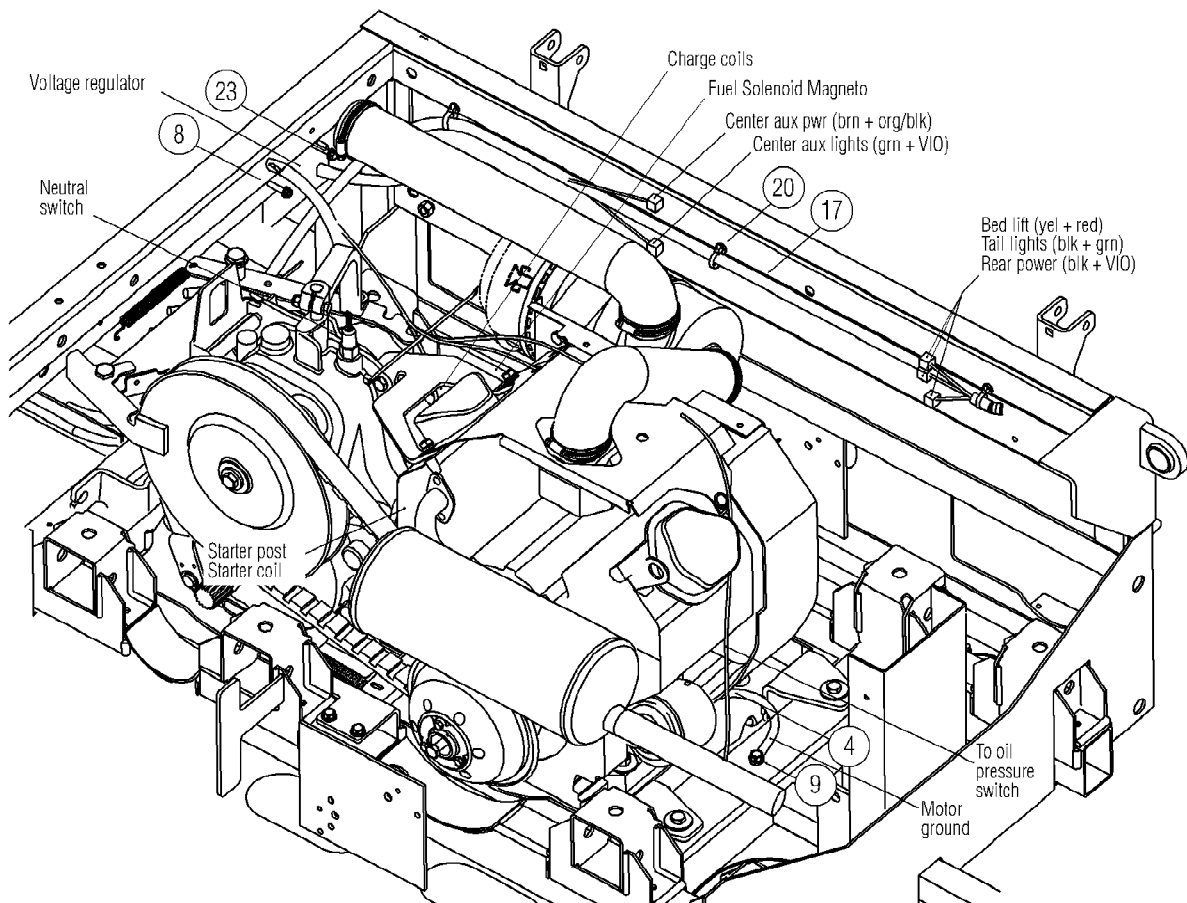
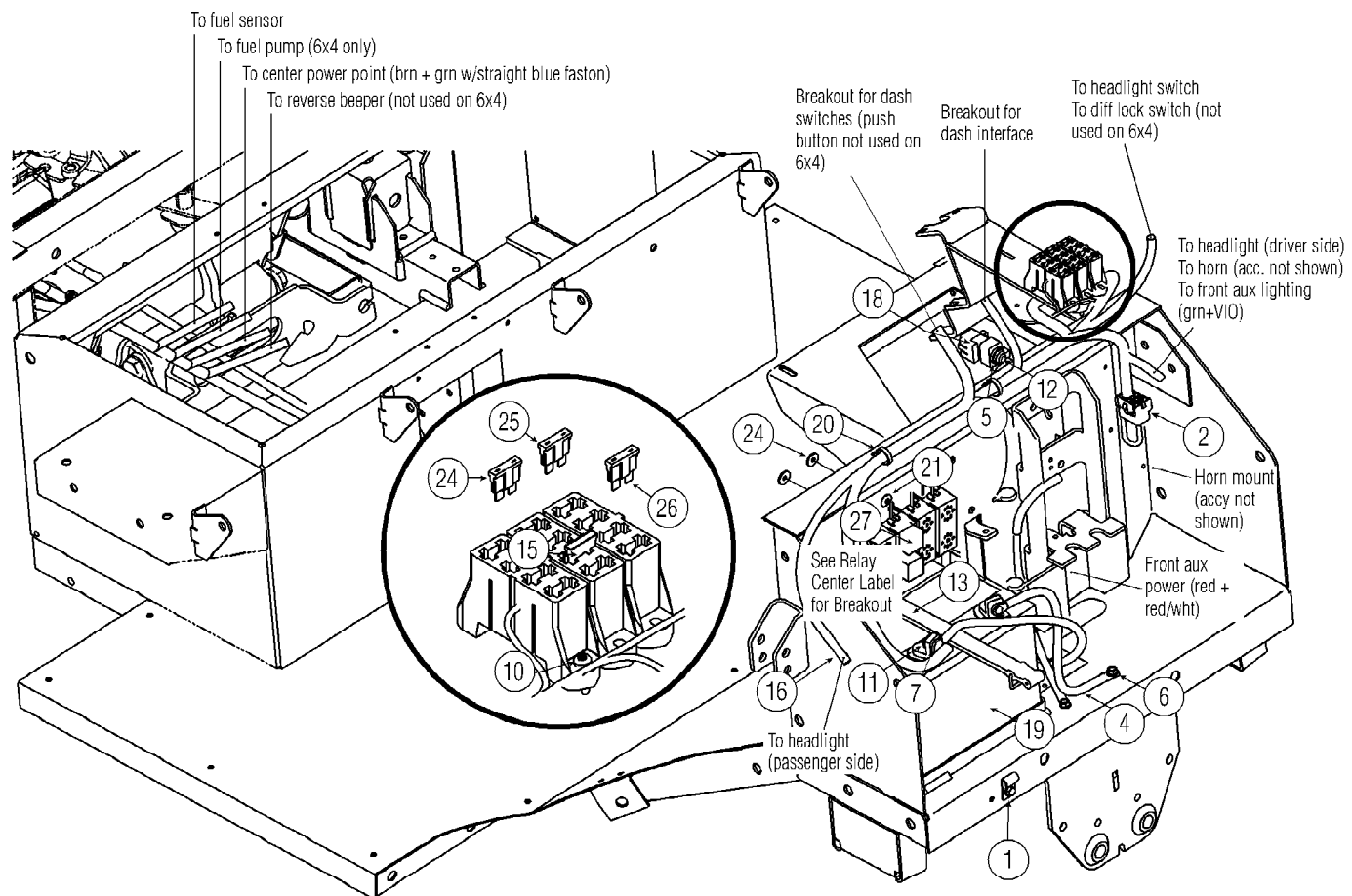
Relay Center



Fuse Box

642 6x4 Utility Vehicle (Fire & Rescue) (37AC642E710)  
Electrical Systems

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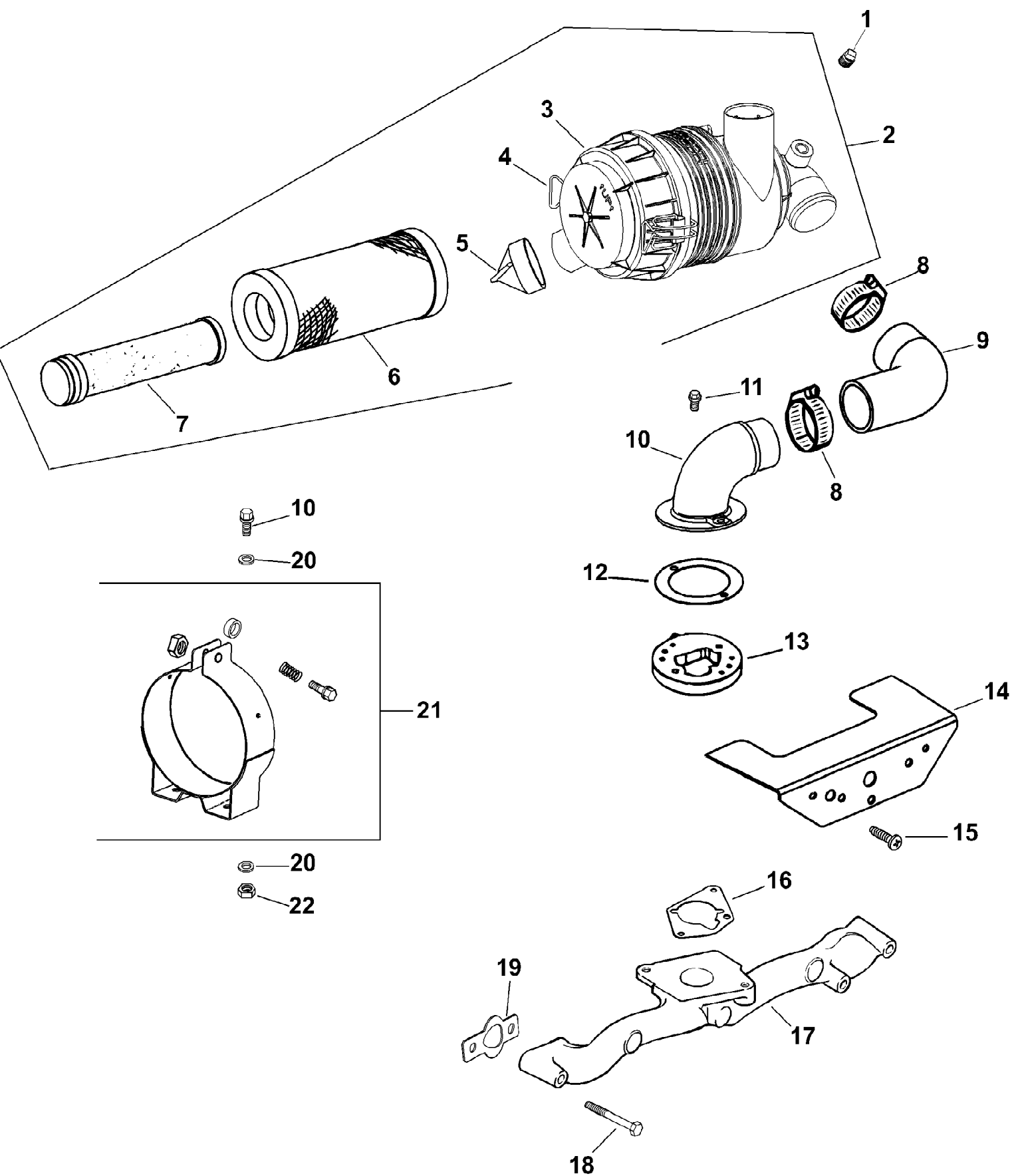




642 6x4 Utility Vehicle (Fire & Rescue) (37AC642E710)  
Electrical Systems

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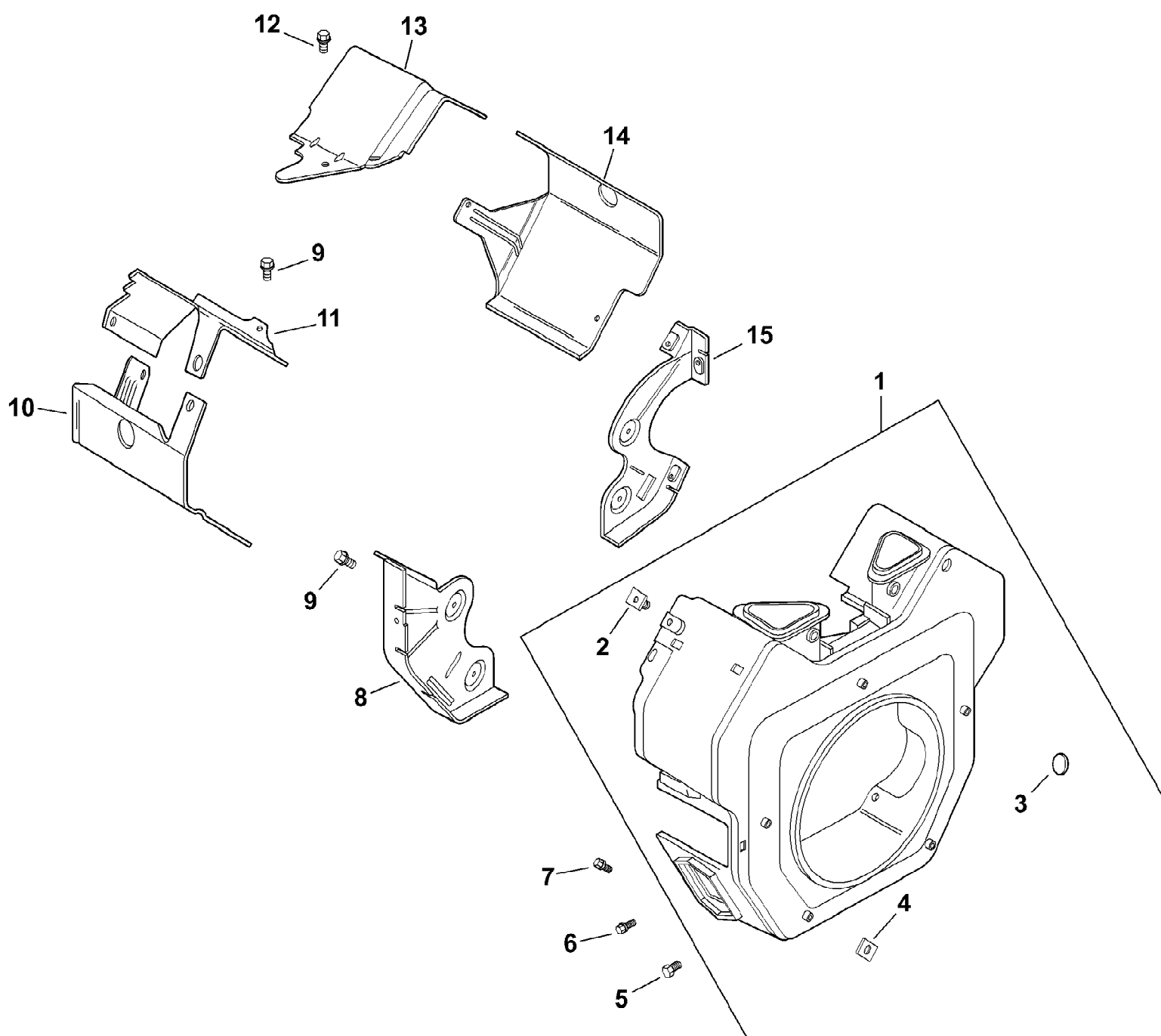
| Ref # | Part Number | Qty | S/P/F | Description                            |
|-------|-------------|-----|-------|----------------------------------------|
| 1     | 16606       | 1   | S     | Bracket, Retainer Hook                 |
| 2     | 629-04008   | 1   |       | Connection Assembly                    |
| 3     | 629-04001   | 1   | S     | Harness Assembly, Utility Starter      |
| 4     | 629-04060   | 2   |       | Harness Assembly, Ground               |
| 5     | 710-04030   | 2   |       | Screw, Self-tapping 1/4-20             |
| 6     | 710-0599    | 3   | /P    | Screw, Self-tapping, 1/4-20 x 0.500    |
| 7     | 710-0703    | 2   | /P    | Screw, Hex Carriage, 1/4-20 x .75      |
| 8     | 710-0788    | 2   | /P    | Screw, Self-tapping, 1/4-20 x 1.000    |
| 9     | 710-1260A   | 1   | /P    | Screw, 5/16-18 x.75                    |
| 10    | 710-3009    | 4   | /P    | Screw, #10-24 x 0.75                   |
| 11    | 712-0271    | 2   | /P    | Nut, Hex Sems, 1/4-20                  |
| 12    | 721-3049    | 1   | /P    | Cover, Protection                      |
| 13    | 723-3064    | 1   |       | Strap, Battery                         |
| 14    | 725-0157    | 2   | /P    | Cable, Tie 3/16 x.05 x 7.4 (not shown) |
| 15    | 725-04008   | 1   |       | Fuse, 5 Amp                            |
| 16    | 725-04172   | 1   | S     | Harness, Utility Wire, Main            |
| 17    | 629-04141   | 1   | S     | Harness, Kohler Motor Wire             |
| 18    | 725-1657A   | 1   | S     | Switch, Interlock                      |
| 19    | 725-1738A   | 1   | S     | Battery, 300 CCA                       |
| 20    | 726-0470    | 7   |       | Cable Tie, 19" x 8.39"                 |
| 21    | 726-0465    | 2   |       | Clip, Retainer, Panel                  |
| 22    | 726-04002   | 1   |       | Double Tube Clamp (not shown)          |
| 23    | 736-0329    | 2   | S     | Lock Washer, 1/4                       |
| 24    | 725-1625    | 1   |       | Fuse, 7.5 Amp (Horn)                   |
| 25    | 725-04009   | 1   |       | Fuse, 15 Amp (Rear Outlet)             |
| 26    | 725-1543    | 1   | /P    | Fuse, 30 Amp (Electric Bed Lift)       |
| 27    | 725-1718    | 4   | S     | Relay, 12V/40A                         |
| 28    | 725-04182   | 1   |       | Rear Power Accessory Harness           |



642 6x4 Utility Vehicle (Fire & Rescue) (37AC642E710)  
 Engine - Air Intake Filtration

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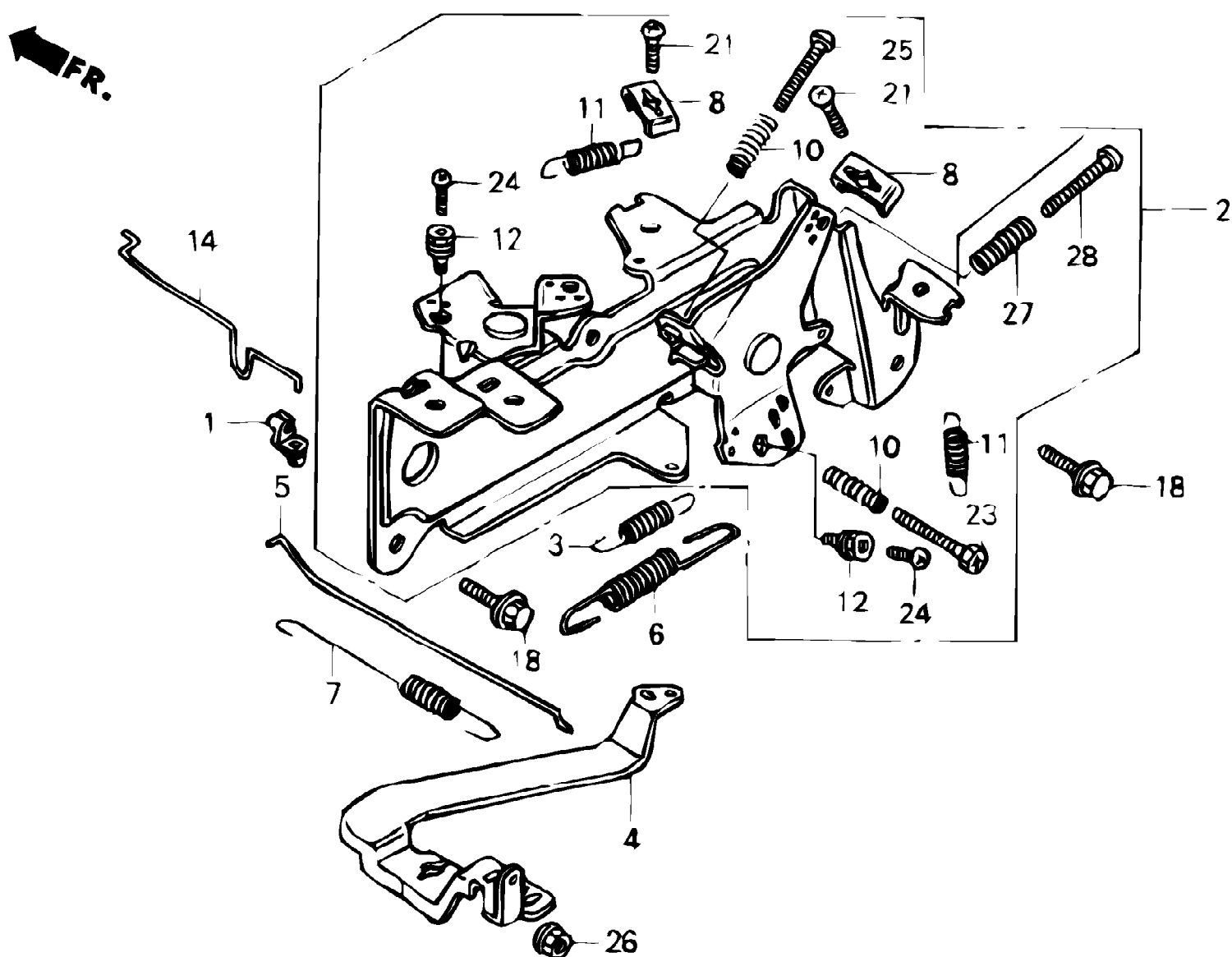
| Ref # | Part Number    | Qty | S/P/F | Description                                      |
|-------|----------------|-----|-------|--------------------------------------------------|
| 1     | KH-25-139-20-S | 1   |       | Plug, pipe                                       |
| 2     | KH-25-048-08-S | 1   |       | Air cleaner assembly 5-1/4" (Includes 3-8)       |
| 3     | KH-25-096-06-S | 1   |       | Cover assembly, plastic air cleaner (Includes 4) |
| 4     | KH-25-154-05-S | 1   | /P    | Clip                                             |
| 5     | KH-24-462-07-S | 1   | /P    | Valve, dust ejector                              |
| 6     | KH-25-083-01-S | 1   | /P    | Element, air cleaner - primary                   |
| 7     | KH-25-083-04-S | 1   | /P    | Element, safety                                  |
| 8     | KH-24-237-02-S | 1   |       | Clamp, hose (2)                                  |
| 9     | KH-24-326-32-S | 1   |       | Hose, air cleaner                                |
| 10    | KH-24-029-21-S | 1   |       | Adapter, remote air cleaner                      |
| 11    | KH-M-639016-S  | 1   | /P    | Screw, hex. flange M6x1.0x16 (6)                 |
| 12    | KH-24-041-34-S | 1   |       | Gasket, adapter                                  |
| 13    | KH-24-029-26-S | 1   | S     | Adapter assembly                                 |
| 14    | KH-24-314-25-S | 1   |       | Shield, debris                                   |
| 15    | KH-24-086-06   | 1   |       | Screw, phillips hd. 11-16x3/4" (2)               |
| 16    | KH-24-041-06   | 1   | /P    | Gasket, air cleaner base                         |
| 17    | KH-24-164-14   | 1   | /P    | Manifold, intake                                 |
| 18    | KH-25-086-84-S | 1   | /P    | Screw, hex. flange M6x1.0x55 (4)                 |
| 19    | KH-24-041-01   | 1   | /P    | Gasket, intake manifold (2)                      |
| 20    | KH-X-25-73-S   | 1   |       | Washer, plain (4)                                |
| 21    | KH-25-126-02-S | 1   |       | Bracket, air cleaner                             |
| 22    | KH-M-647060    | 1   |       | Nut, hex. lock (2)                               |
|       | KH-25-113-27-S | 1   | F     | Decal, air cleaner                               |



642 6x4 Utility Vehicle (Fire & Rescue) (37AC642E710)  
 Engine - Blower Housing & Baffles

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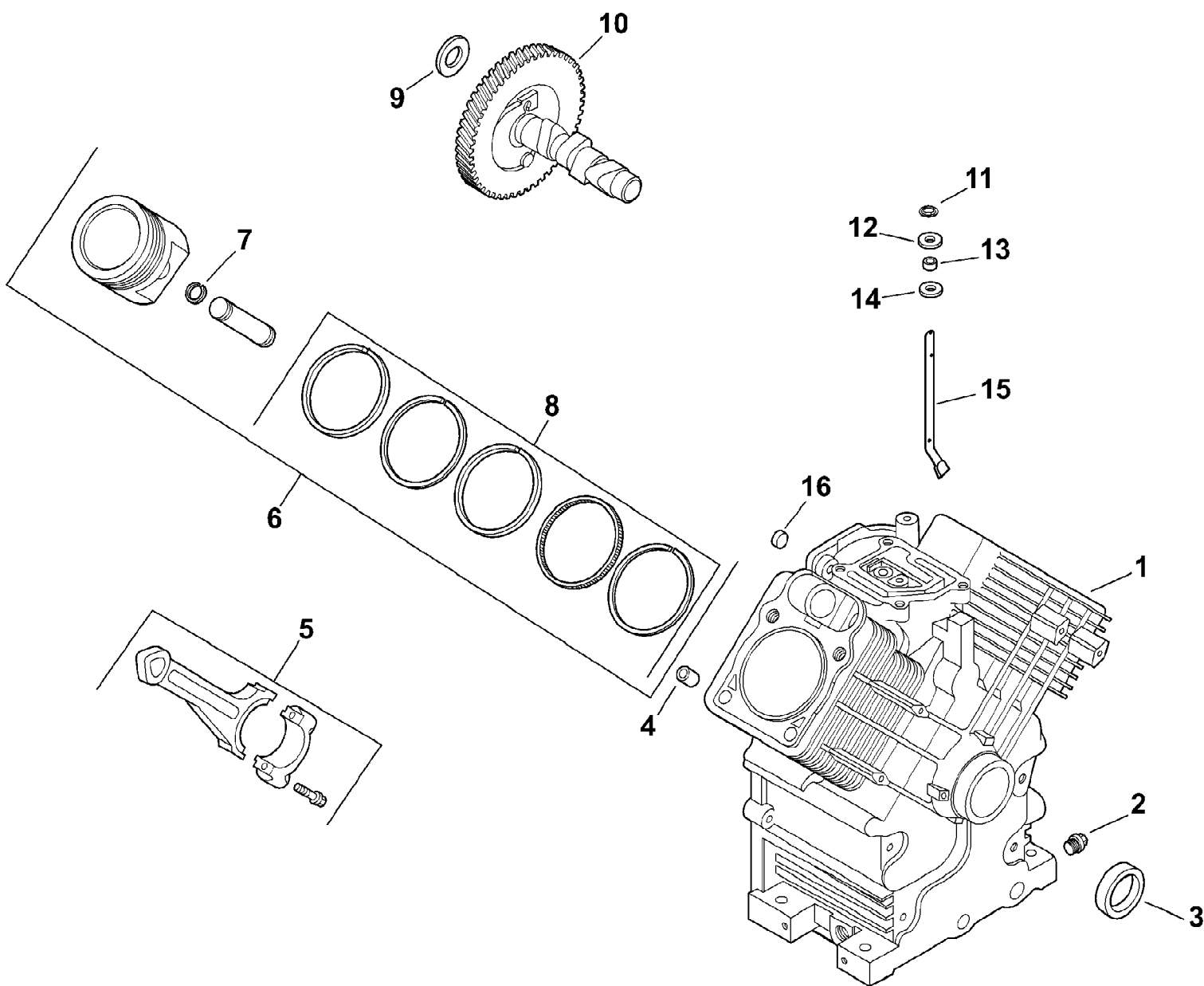
| Ref # | Part Number     | Qty | S/P/F | Description                       |
|-------|-----------------|-----|-------|-----------------------------------|
| 1     | KH-24-027-175-S | 1   | /P    | Housing, blower (Includes 2-4)    |
| 2     | KH-24-100-01    | 1   |       | Nut, plastic (3)                  |
| 3     | KH-25-139-16    | 1   |       | Plug, button                      |
| 4     | KH-24-100-02    | 1   |       | Nut, plastic (2)                  |
| 5     | KH-M-551016-S   | 1   |       | Screw, hex. flange M5x0.8x16      |
| 6     | KH-M-545016-S   | 1   | /P    | Screw, hex. flange M5x0.8x16 (3)  |
| 7     | KH-M-545020-S   | 1   |       | Screw, hex. flange M5x0.8x20 (4)  |
| 8     | KH-24-146-16-S  | 1   | /P    | Plate, backing - #2 side          |
| 9     | KH-M-645016-S   | 1   | /P    | Screw, hex. flange M6x1.0x16 (6)  |
| 10    | KH-24-063-20    | 1   | /P    | Baffle, cylinder barrel - #2 side |
| 11    | KH-24-063-70-S  | 1   |       | Baffle, valley - #2 side          |
| 12    | KH-M-545010     | 1   | S     | Screw, hex. flange M5x0.8x10 (2)  |
| 13    | KH-24-063-59-S  | 1   |       | Baffle, valley - #1 side          |
| 14    | KH-24-063-58-S  | 1   | S     | Baffle, cylinder barrel - #1 side |
| 15    | KH-24-146-20-S  | 1   | /P    | Plate, backing - #1 side          |
|       | KH-24-113-95-S  | 1   | F     | Decal, 20 HP                      |
|       | KH-25-113-39-S  | 1   | F     | Decal, Clear lamination           |



642 6x4 Utility Vehicle (Fire & Rescue) (37AC642E710)  
Engine - Control

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| Ref # | Part Number    | Qty | S/P/F | Description               |
|-------|----------------|-----|-------|---------------------------|
| 1     | 16263-883-W10  | 1   |       | Joint, Rod                |
| 2     | 16500-ZJ1-861  | 1   |       | Control Assembly          |
| 3     | 16534-ZJ1-840  | 1   |       | Spring, Starter           |
| 4     | 16551-ZJ1-840  | 1   |       | Arm, Governor             |
| 5     | 16555-ZJ1-840  | 1   |       | Rod, Governor             |
| 6     | 16561-ZJ4-830  | 1   |       | Spring, Governor          |
| 7     | 16562-ZJ1-840  | 1   |       | Spring, Throttle Return   |
| 8     | 16576-891-000  | 2   |       | Holder, Cable             |
| 10    | 16584-883-300  | 2   |       | Spring, Control Adjusting |
| 11    | 16592-ZJ1-000  | 2   |       | Spring, Cable Return      |
| 12    | 16617-ZJ1-840  | 2   |       | Holder, Cable             |
| 14    | 16611-ZJ1-840  | 1   |       | Rod, Choke Control        |
| 18    | 90014-952-000  | 2   |       | Bolt, Flange (6x14)       |
| 21    | 92301-05016-0A | 2   |       | Bolt, Slot (5x16)         |
| 23    | 92301-05025-0A | 1   |       | Bolt, Slot (5x25)         |
| 24    | 92301-04006-0H | 2   |       | Bolt, Recessed (4x6)      |
| 25    | 93500-05025-0A | 1   |       | Screw, Pan (5x25)         |
| 26    | 94050-06000    | 1   |       | Nut, Flange (6mm)         |

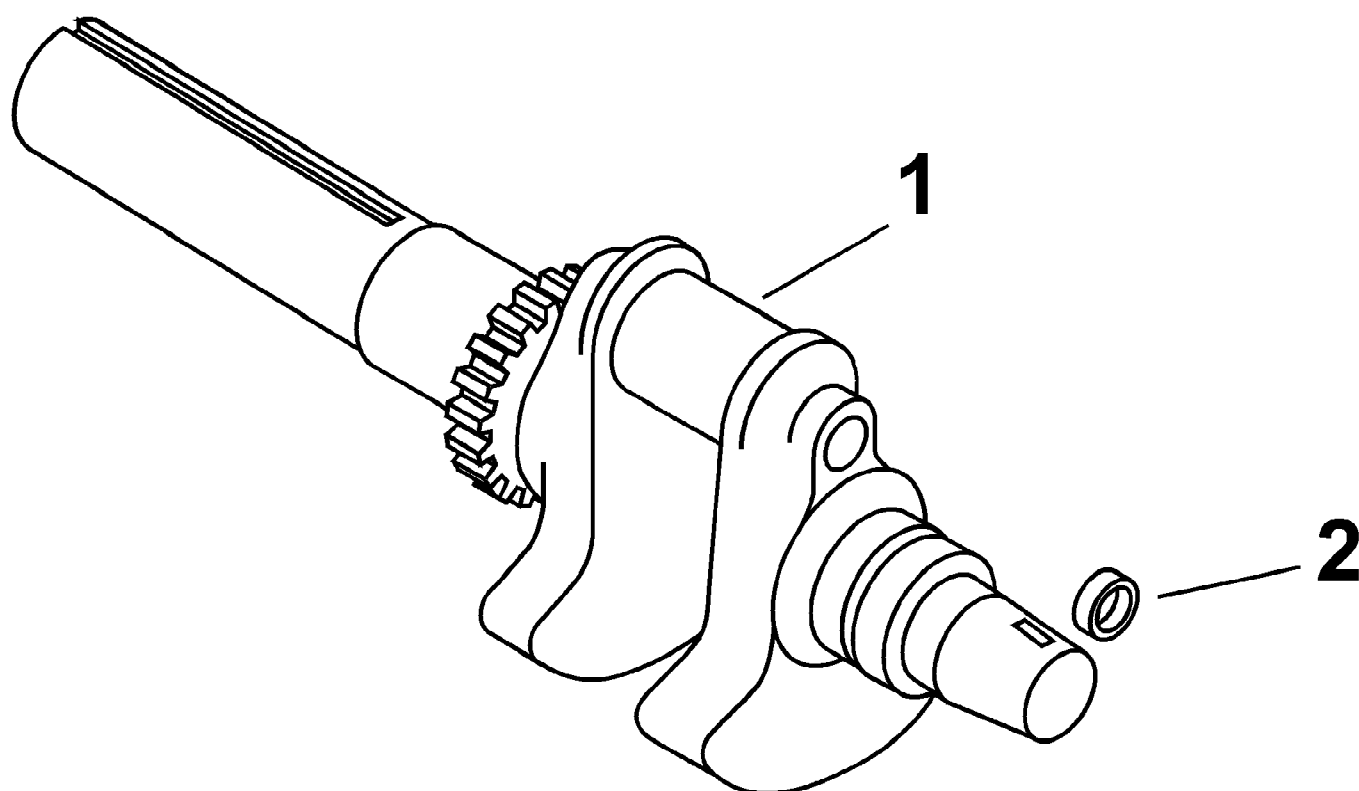




642 6x4 Utility Vehicle (Fire & Rescue) (37AC642E710)  
Engine - Crankcase

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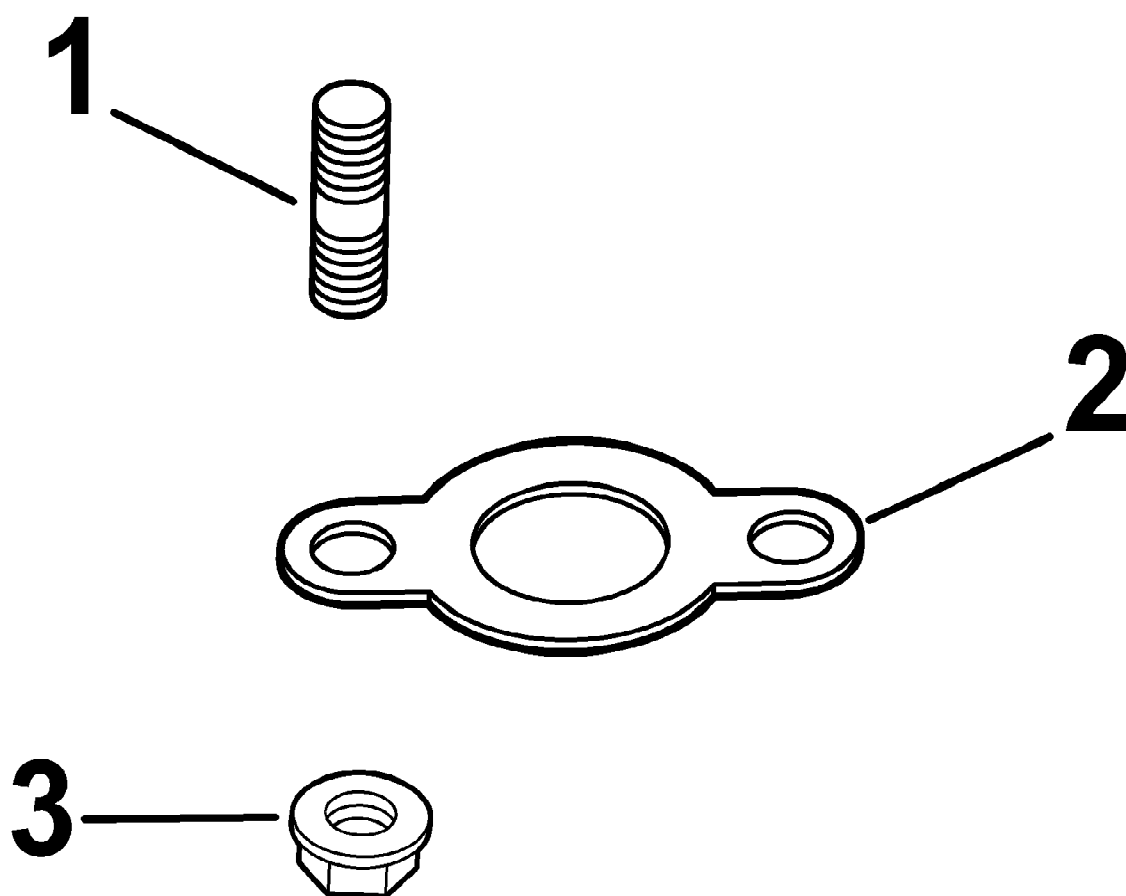
| Ref # | Part Number    | Qty | S/P/F | Description                                                        |
|-------|----------------|-----|-------|--------------------------------------------------------------------|
| 1     |                | 1   |       | Crankcase (Use Miniblock KH-24-782-15)                             |
| 2     | KH-25-139-57-S | 1   | /P    | Plug, hex. head 3/8" (2)                                           |
| 3     | KH-24-032-01-S | 1   | S     | Seal, front oil                                                    |
| 4     | KH-24-380-13-S | 1   | S     | Pin, locating (6)                                                  |
| 5     | KH-24-067-13-S | 1   | S     | Connecting Rod (Std.) (2)                                          |
|       | KH-24-067-14   | 1   |       | Connecting Rod (.25) (2)                                           |
| 6     | KH-24-874-17-S | 1   | S     | Piston w/Ring Set (Std.) (2) Includes 7,8)                         |
|       | KH-24-874-14-S | 1   |       | Piston w/Ring Set (.08) (2)                                        |
|       | KH-24-874-18-S | 1   | /P    | Piston w/Ring Set (.25) (2)                                        |
|       | KH-24-874-19-S | 1   | S     | Piston w/Ring Set (.50) (2)                                        |
| 7     | KH-24-018-01   | 1   | S     | Retainer, piston pin (4)                                           |
| 8     | KH-24-108-11-S | 1   | S     | Ring Set (Std. & .08) (2)                                          |
|       | KH-24-108-12-S | 1   | S     | Ring Set (.25) (2)                                                 |
|       | KH-24-108-13-S | 1   |       | Ring Set (.50) (2)                                                 |
| 9     | KH-12-422-09   | 1   | S     | Shim, camshaft (A.R.) red                                          |
|       | KH-12-422-13   | 1   | S     | Shim, camshaft (A.R.) black                                        |
|       | KH-12-422-07   | 1   | S     | Shim, camshaft (A.R.) white                                        |
|       | KH-12-422-08   | 1   | S     | Shim, camshaft (A.R.) blue                                         |
|       | KH-12-422-10   | 1   | S     | Shim, camshaft - yellow                                            |
|       | KH-12-422-11   | 1   | S     | Shim, camshaft (A.R.) green                                        |
|       | KH-12-422-12   | 1   | S     | Shim, camshaft (A.R.) gray                                         |
| 10    | KH-24-012-10-S | 1   | /P    | Camshaft                                                           |
| 11    | KH-24-018-09-S | 1   |       | Retainer, ring                                                     |
| 12    | KH-M-931010-S  | 1   |       | Washer, plain 9 mm                                                 |
| 13    | KH-28-032-09-S | 1   |       | Seal, governor cross shaft                                         |
| 14    | KH-24-468-15-S | 1   |       | Washer, plain 1/4"                                                 |
| 15    | KH-24-144-38-S | 1   | /P    | Shaft, governor cross                                              |
| 16    | KH-52-139-09   | 1   | S     | Plug, cup                                                          |
|       | KH-25-462-12-S | 1   |       | Valve, oil drain ( NOT ILLUSTRATED goes in the 2 o'clock position) |



642 6x4 Utility Vehicle (Fire & Rescue) (37AC642E710)  
Engine - Crankshaft

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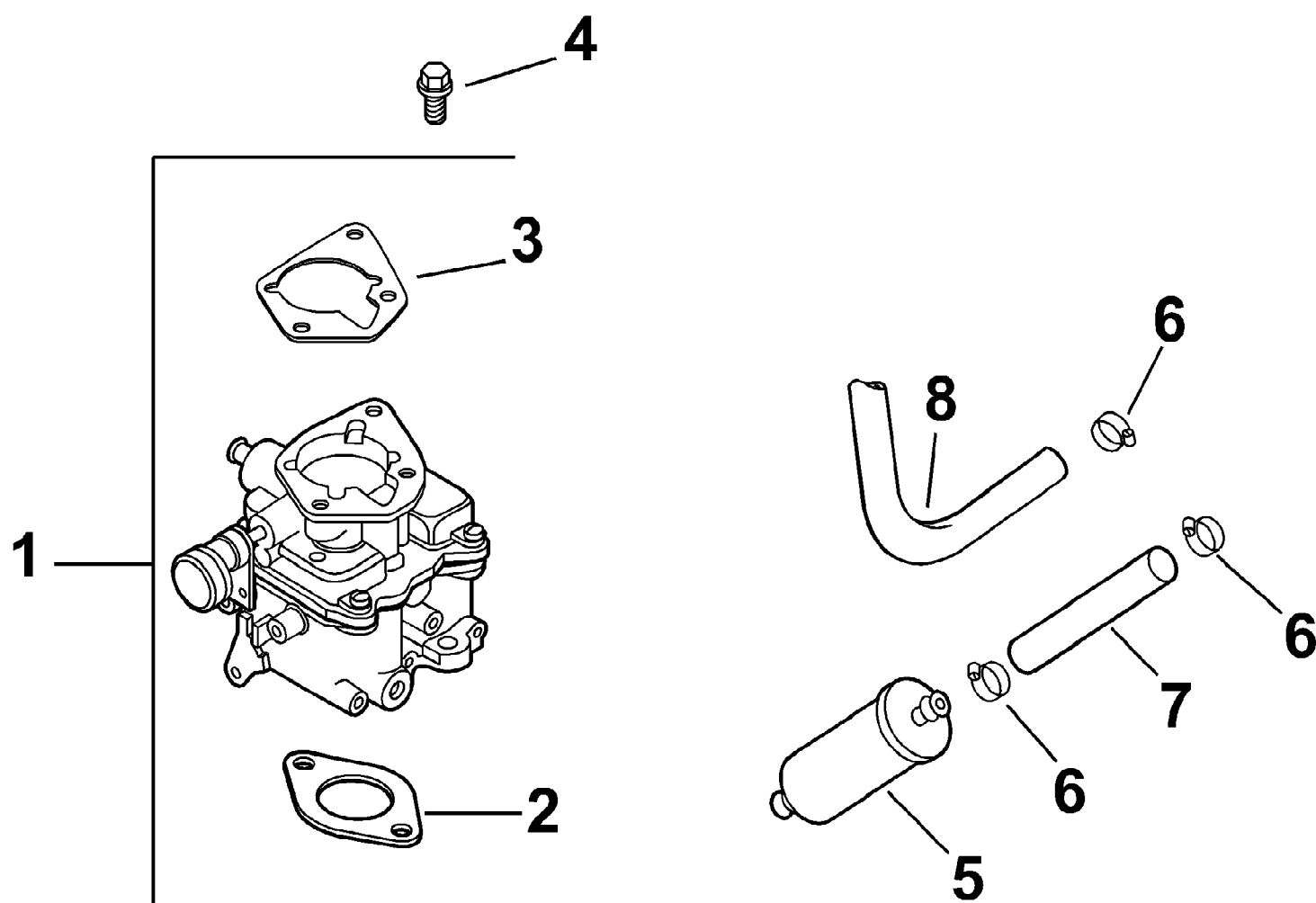
| Ref # | Part Number    | Qty | S/P/F | Description             |
|-------|----------------|-----|-------|-------------------------|
| 1     | KH-24-014-82-S | 1   |       | Crankshaft (includes 2) |
| 2     | KH-52-139-09   | 1   | S     | Plug, cup               |



642 6x4 Utility Vehicle (Fire & Rescue) (37AC642E710)  
Engine - Exhaust

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| Ref # | Part Number     | Qty | S/P/F | Description                  |
|-------|-----------------|-----|-------|------------------------------|
| 1     | KH-25-072-04    | 1   | /P    | Stud M8x1.25x33 (4)          |
| 2     | KH-24-041-49-S  | 1   | /P    | Gasket, exhaust manifold (2) |
| 3     | KH-M-841080     | 1   | S     | Nut, hex. flange M8x1.25 (5) |
|       | KH-24-522-427   | 1   |       | Short Block                  |
|       | KH-24-782-15    | 1   | /P    | Miniblock                    |
|       | KH-24-755-107-S | 1   | /P    | Gasket Set                   |



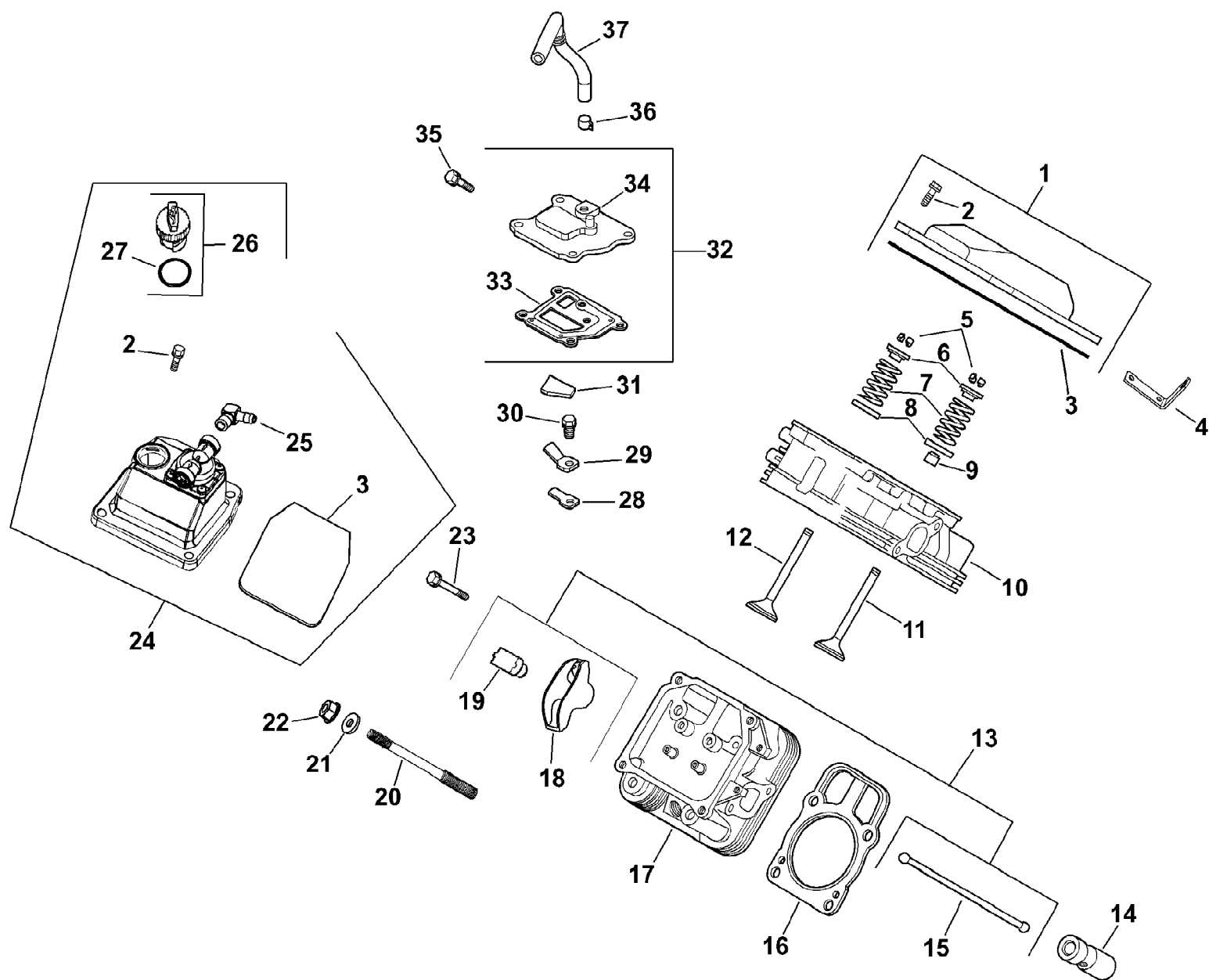
642 6x4 Utility Vehicle (Fire & Rescue) (37AC642E710)  
 Engine - Fuel Systems

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| Ref # | Part Number     | Qty | S/P/F | Description                                    |
|-------|-----------------|-----|-------|------------------------------------------------|
| 1     | KH-24-853-43-S  | 1   |       | Kit, carburetor w/gasket (Includes 2,3)        |
| 2     | KH-24-041-06    | 1   | /P    | Gasket, air cleaner base                       |
| 3     | KH-24-041-17    | 1   | /P    | Gasket, carburetor                             |
| 4     | KH-M-651030-S   | 1   |       | Screw, hex. flange M6x1.0x30 (2)               |
| 5     | KH-24-050-10-S  | 1   | S     | Filter, fuel                                   |
| 6     | KH-25-237-14-S  | 1   | /P    | Clamp, hose (4)                                |
| 7     | KH-52-353-20    | 1   | S     | Line, fuel 21" (carb to filter)                |
| 8     | KH-24-353-12    | 1   |       | Line, fuel 11" (carb to pump)                  |
|       | KH-24-518-24-S  | 1   | F     | Lead, ground (solenoid to carb mounting screw) |
|       | KH-24-755-125-S | 1   | F     | Kit, high altitude                             |
|       | KH-24-757-01    | 1   | /P/F  | Kit, solenoid                                  |
|       | KH-24-757-02-S  | 1   | /P/F  | Kit, float repair                              |
|       | KH-24-757-03-S  | 1   | /P/F  | Kit, carburetor repair                         |
|       | KH-24-757-07    | 1   | F     | Kit, choke repair                              |

642 6x4 Utility Vehicle (Fire & Rescue) (37AC642E710)  
Engine - Head Valve Breather

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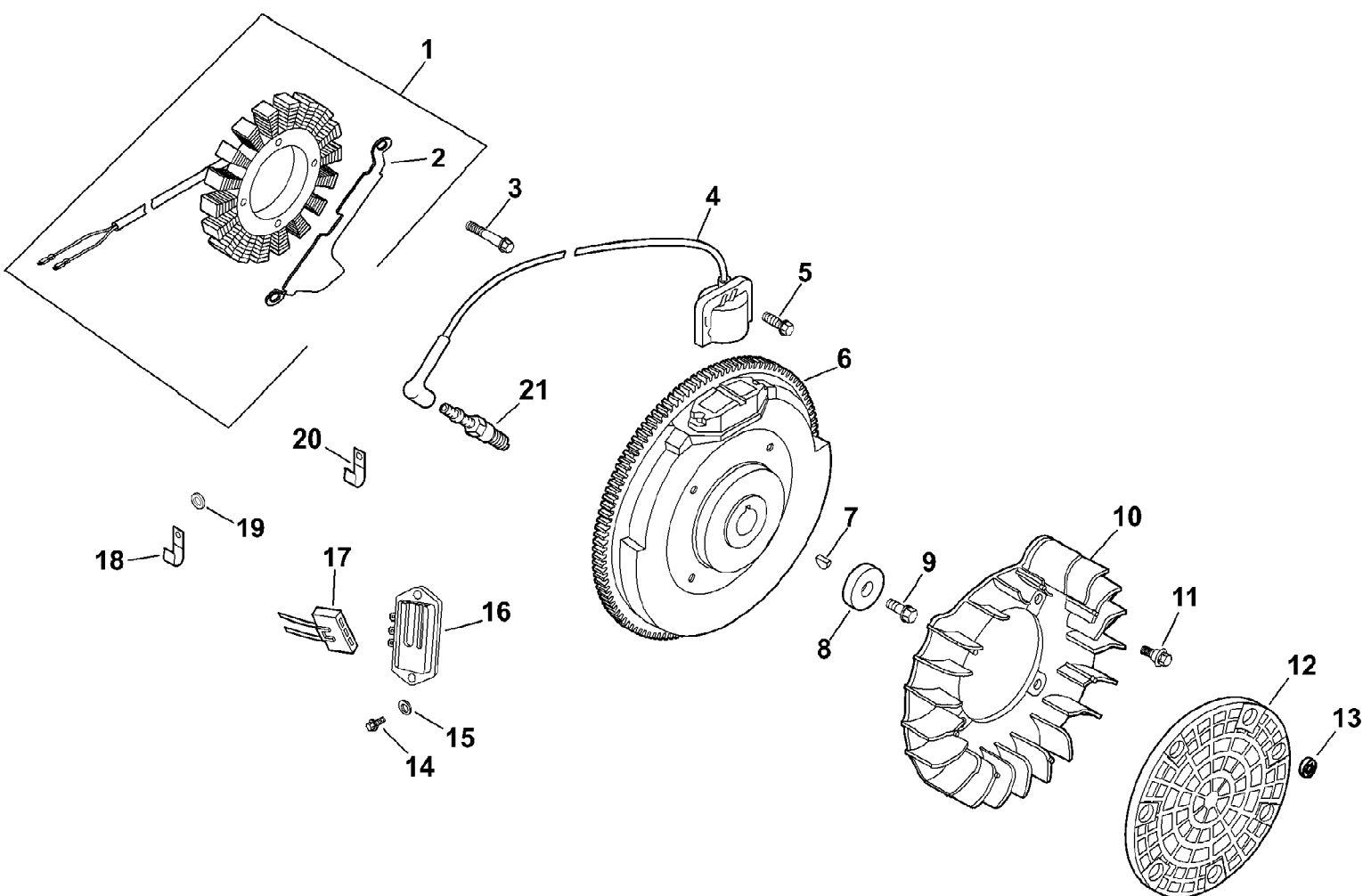
642 6x4 Utility Vehicle (Fire & Rescue) (37AC642E710)  
 Engine - Head Valve Breather

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| Ref # | Part Number     | Qty | S/P/F | Description                                                                 |
|-------|-----------------|-----|-------|-----------------------------------------------------------------------------|
| 1     | KH-24-755-141-S | 1   | /P    | Kit, valve cover - plain (Includes 2,3)                                     |
| 2     | KH-M-651030-S   | 1   |       | Screw, hex. flange M6x1.0x30 (4)                                            |
| 3     | KH-24-153-28-S  | 1   | S     | O-Ring, valve cover                                                         |
| 4     | KH-24-445-01    | 1   | S     | Strap, lifting                                                              |
| 5     | KH-12-755-03    | 1   | /P    | Kit, retainer (4)                                                           |
| 6     | KH-12-173-01    | 1   | /P    | Cap, valve spring (4)                                                       |
| 7     | KH-24-089-02    | 1   | /P    | Spring, valve (4)                                                           |
| 8     | KH-235011-S     | 1   | /P    | Retainer, spring (4)                                                        |
| 9     | KH-66-032-05-S  | 1   | /P    | Seal, valve stem (2)                                                        |
| 10    | KH-24-318-68-S  | 1   | S     | Head assembly, #1 cylinder                                                  |
| 11    | KH-24-017-01    | 1   | /P    | Valve, intake (Std.) (2)                                                    |
| 11    | KH-24-017-02    | 1   |       | Valve, intake (.25) (2)                                                     |
| 12    | KH-24-016-01    | 1   | /P    | Valve, exhaust (Std.) (2)                                                   |
| 12    | KH-24-016-02    | 1   |       | Valve, exhaust (.25) (2)                                                    |
| 13    | KH-24-755-66    | 1   | /P    | Kit, valve train (Includes 15,18,19)                                        |
| 14    | KH-25-351-01    | 1   | S     | Lifter, valve (4)                                                           |
| 15    | KH-24-411-05    | 1   | /P    | Rod, push (4)                                                               |
| 16    | KH-24-841-01-S  | 1   | /P    | Kit, cylinder head gasket (Includes 21,22) (2)                              |
| 17    | KH-24-318-71-S  | 1   | S     | Head assembly, #2 cylinder                                                  |
| 18    | KH-25-186-01    | 1   | /P    | Arm, rocker (4)                                                             |
| 19    | KH-24-599-01    | 1   | S     | Pivot, rocker arm (4)                                                       |
| 20    | KH-24-072-09-S  | 1   |       | Stud, cylinder head (8)                                                     |
| 21    | KH-24-468-16-S  | 1   |       | Washer, plain (8)                                                           |
| 22    | KH-24-100-10-S  | 1   |       | Nut (8)                                                                     |
| 23    | KH-66-086-07-S  | 1   | S     | Screw, hex. flange M6x1.0x34 (4)                                            |
| 24    | KH-24-559-08-S  | 1   | S     | Kit, fuel pump valve (Includes 2,3,25-27)                                   |
| 25    | KH-25-294-11-S  | 1   |       | Fitting, 90° (2)                                                            |
| 26    | KH-24-227-02-S  | 1   | /P    | Cap assembly, oil fill (Includes 27)                                        |
| 27    | KH-24-153-09    | 1   | S     | O-Ring                                                                      |
| 28    | KH-24-402-03    | 1   | /P    | Reed, breather                                                              |
| 29    | KH-66-018-04-S  | 1   | /P    | Retainer, breather reed                                                     |
| 30    | KH-M-545010     | 1   | S     | Screw, hex. flange M5x0.8x10                                                |
| 31    | KH-24-050-01    | 1   | S     | Filter, breather                                                            |
| 32    | KH-24-033-01    | 1   | /P    | Kit, breather (Includes 33,34)                                              |
| 33    | KH-24-041-51-S  | 1   | S     | Gasket, breather                                                            |
| 34    | KH-24-096-86-S  | 1   | S     | Cover, breather                                                             |
| 35    | KH-M-645020-S   | 1   | /P    | Screw, hex. flange M6x1.0x20 (4)                                            |
| 36    | KH-25-237-08-S  | 1   |       | Clamp, breather                                                             |
| 37    | KH-24-326-31-S  | 1   |       | Hose, breather                                                              |
|       | KH-24-755-147-S | 1   |       | Kit, cylinder head hardware (Includes 5-9,11,12,15,18-20) (not illustrated) |

642 6x4 Utility Vehicle (Fire & Rescue) (37AC642E710)  
Engine - Ignition & Electrical

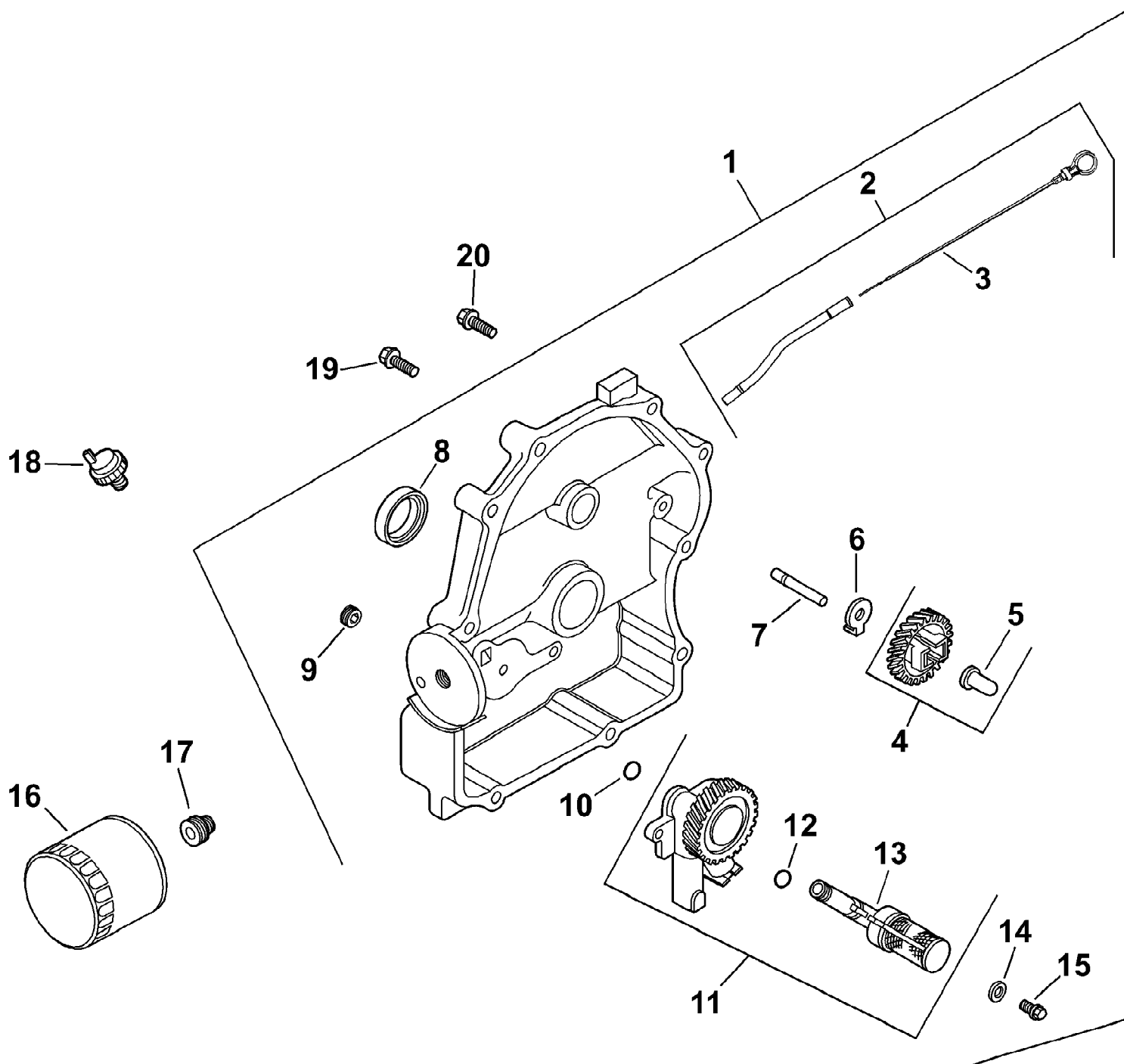
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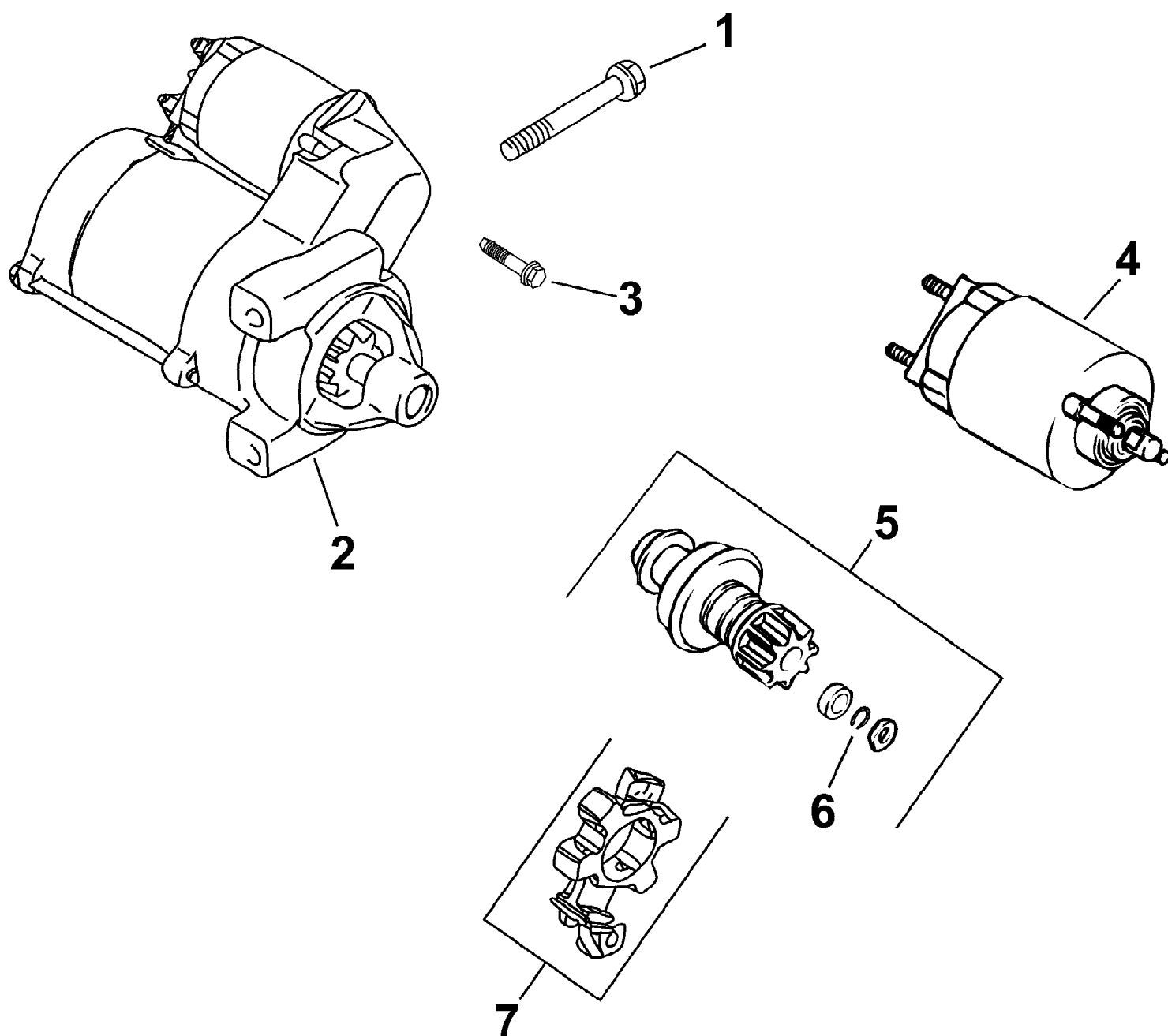
| Ref # | Part Number     | Qty | S/P/F | Description                                                                                   |
|-------|-----------------|-----|-------|-----------------------------------------------------------------------------------------------|
| 1     | KH-54-755-09-S  | 1   | S     | Kit, 15 amp stator (Includes 2)                                                               |
| 2     | KH-24-126-139-S | 1   |       | Bracket, stator wire                                                                          |
| 3     | KH-M-548025-S   | 1   | /P    | Screw, hex. cap M5x0.8x25 (2)                                                                 |
| 4     | KH-24-584-01    | 1   | S     | Module, ignition (2)                                                                          |
| 5     | KH-M-545020-S   | 1   |       | Screw, hex. flange M5x0.8x20 (4)                                                              |
| 6     | KH-24-025-04    | 1   | S     | Flywheel                                                                                      |
| 7     | KH-X-42-15      | 1   | /P    | Key                                                                                           |
| 8     | KH-12-468-03    | 1   | /P    | Washer, plain 3/8"                                                                            |
| 9     | KH-12-086-14    | 1   |       | Screw, hex. flange M10x1.5x46                                                                 |
| 10    | KH-24-157-01    | 1   | S     | Fan                                                                                           |
| 11    | KH-25-086-47    | 1   | /P    | Bolt, shoulder (4)                                                                            |
| 12    | KH-24-162-02    | 1   |       | Screen, grass                                                                                 |
| 13    | KH-24-018-03-S  | 1   | /P    | Retainer, grass screen (3)                                                                    |
| 14    | KH-24-086-18    | 1   |       | Screw, phillips hd. 11-16x7/8" (2)                                                            |
| 15    | KH-X-25-92      | 1   |       | Washer, plain 3/16" (2)                                                                       |
| 16    | KH-41-403-09    | 1   | S     | Rectifier-regulator 15 amp                                                                    |
| 17    | KH-236602-S     | 1   | S     | Connector (3 contact)                                                                         |
| 18    | KH-235173       | 1   |       | Clip, cable                                                                                   |
| 19    | KH-X-25-63      | 1   | /P    | Washer, plain 1/4"                                                                            |
| 20    | KH-48-154-02    | 1   |       | Clip, cable                                                                                   |
| 21    | KH-25-132-12-S  | 1   | /P    | Spark Plug (2) High-performance Champion<br>Premium Gold spark plug, replaces<br>KH-12-132-02 |
|       | KH-25-086-91-S  | 1   | /P/F  | Screw, tapping (2)                                                                            |
|       | KH-24-126-137-S | 1   | F     | Bracket, ground strap                                                                         |
|       | KH-25-468-07-S  | 1   | F     | Washer, flat                                                                                  |
|       | KH-24-176-08    | 1   | S/F   | Harness, wiring                                                                               |
|       | KH-25-454-03-S  | 1   | F     | Tie, wire (2)                                                                                 |



642 6x4 Utility Vehicle (Fire & Rescue) (37AC642E710)  
 Engine - Oil Pan & Lubrication

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| Ref # | Part Number     | Qty | S/P/F | Description                             |
|-------|-----------------|-----|-------|-----------------------------------------|
| 1     | KH-24-009-83-S  | 1   | S     | Plate, closure assembly (Includes 2-15) |
| 2     | KH-24-755-121-S | 1   | /P    | Kit, tube w/dipstick (Includes 3)       |
| 3     | KH-24-038-10-S  | 1   | /P    | Dipstick                                |
| 4     | KH-24-043-12    | 1   | /P    | Kit, governor gear (Includes 5)         |
| 5     | KH-12-380-01    | 1   | /P    | Pin, governor regulating                |
| 6     | KH-24-448-02-S  | 1   |       | Tab, locking                            |
| 7     | KH-12-144-02    | 1   |       | Shaft, governor gear                    |
| 8     | KH-52-032-08-S  | 1   | S     | Seal, oil (PTO end)                     |
| 9     | KH-25-139-60-S  | 1   | /P    | Plug, pipe 1/8" (2)                     |
| 10    | KH-24-153-08    | 1   |       | O-Ring                                  |
| 11    | KH-24-393-37-S  | 1   | S     | Oil pump assembly (Includes 12,13)      |
| 12    | KH-24-153-01    | 1   | /P    | O-Ring, oil pick-up                     |
| 13    | KH-24-381-04    | 1   |       | Pick-up, oil                            |
| 14    | KH-M-631005     | 1   | /P    | Washer, plain 6 mm (2)                  |
| 15    | KH-M-645025-S   | 1   | /P    | Screw, hex. flange M6x1.0x25 (2)        |
| 16    | KH-12-050-01    | 1   | S     | Filter, oil                             |
| 17    | KH-24-136-01    | 1   |       | Nipple, oil filter                      |
| 18    | KH-25-099-24-S  | 1   | S     | Switch, pressure                        |
| 19    | KH-24-086-16-S  | 1   | S     | Screw, hex. flange M8x1.25x45 (9)       |
| 20    | KH-24-086-17-S  | 1   | /P    | Screw, hex. flange M8x1.25x45           |
|       | KH-25-113-05    | 1   |       | Decal, oil sentry (not illustrated)     |



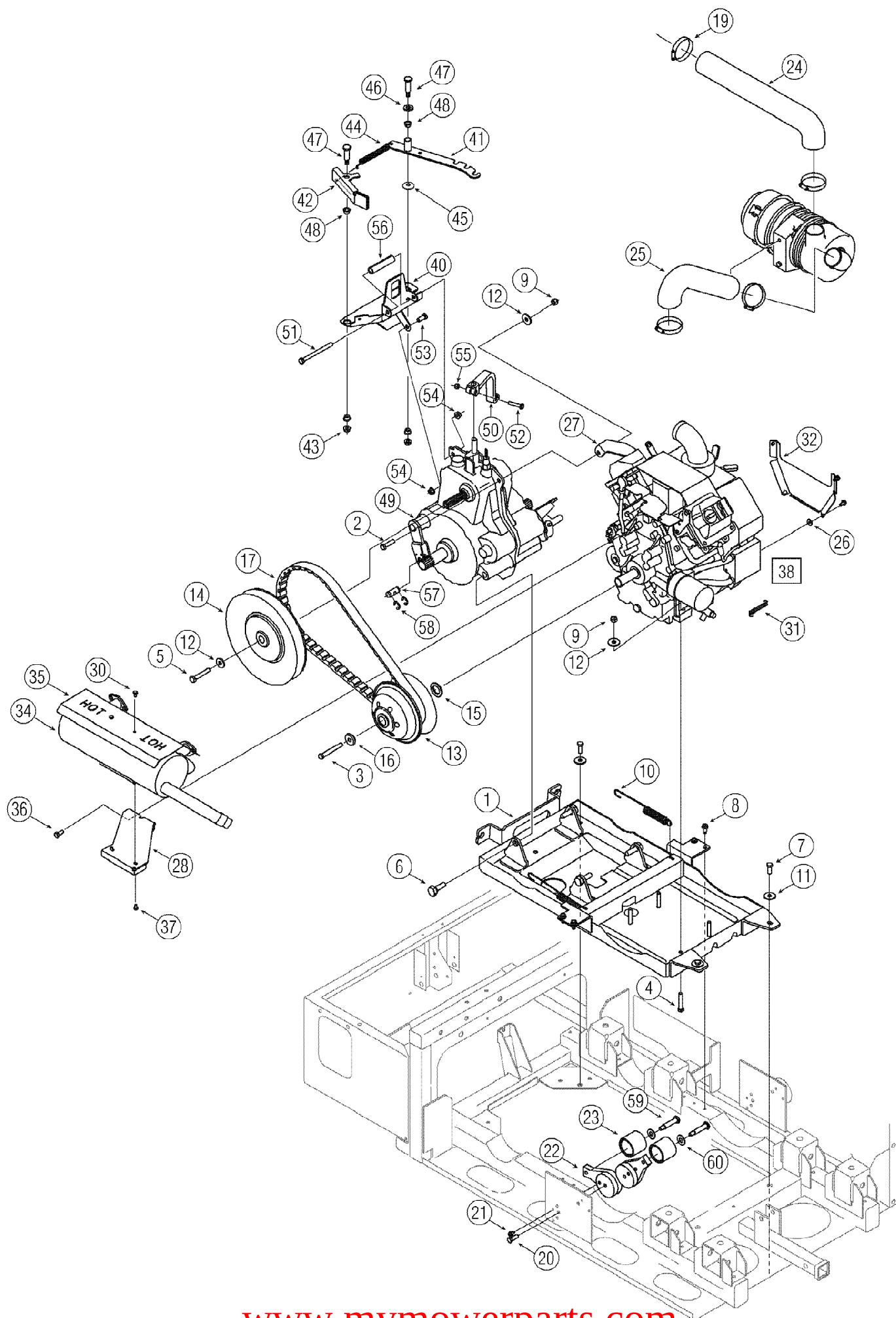
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Engine - Starting

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| Ref # | Part Number     | Qty | S/P/F | Description                               |
|-------|-----------------|-----|-------|-------------------------------------------|
| 1     | KH-M-839080     | 1   | S     | Screw, hex. flange M8x1.25x80 (2)         |
| 2     | KH-25-098-09-S  | 1   | S     | Starter, solenoid assembly (Includes 3-7) |
| 3     | KH-25-086-113-S | 1   |       | Screw, external torx hd. (3)              |
| 4     | KH-25-435-05-S  | 1   | S     | Kit, solenoid (Includes 4)                |
| 5     | KH-25-755-33-S  | 1   |       | Kit, starter pinion (Includes 6)          |
| 6     | KH-25-141-05-S  | 1   |       | Pinion                                    |
| 7     | KH-25-221-01-S  | 1   |       | Kit, brush                                |

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Engine and Transmission

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| Ref # | Part Number | Qty | S/P/F | Description                         |
|-------|-------------|-----|-------|-------------------------------------|
| 1     | 607-04149   | 1   |       | Frame Ass'y, Engine/Trans. Support  |
| 2     | 710-0344    | 1   | /P    | Hex Screw, 3/8-16 x 1.5, Gr5        |
| 3     | 710-04019   | 1   |       | Hex Screw, 3/8-24 x 3, Gr5          |
| 4     | 710-3144    | 4   | /P    | Hex Screw, 3/8-16 x 2.00            |
| 5     | 710-04025   | 1   |       | Hex Screw, M10-1.5 x 60mm, Gr8      |
| 6     | 710-04028   | 4   | /P    | Hex Screw, M16-2 x 40mm             |
| 7     | 710-0514    | 4   | /P    | Hex Screw, 3/8-16 x 2.25, Gr5       |
| 8     | 710-1260A   | 4   | /P    | Hex Screw, 5/16-18 x.75             |
| 9     | 712-0130    | 5   | /P    | Nut, Hex Lock, 3/8-16               |
| 10    | 732-1186    | 2   |       | Spring, Extension, .795 x 5.42      |
| 11    | 736-0133    | 9   | S     | Washer, Flat, .411 x 1.25 x .10     |
| 12    | 736-04005   | 1   |       | Washer, Flat, .395 x 1.12 x .14     |
| 13    | 618-0686A   | 1   | S     | Clutch Assembly, Engine             |
| 14    | 618-0687    | 1   |       | Clutch Assembly, Transmission       |
| 15    | 736-04009   | 1   |       | Washer, 1.03 x 1.625 x .12          |
| 16    | 738-04002A  | 1   |       | Spacer, Drive, .39 ID x 1.00 OD     |
| 17    | 754-0646    | 1   | S     | V-type Belt, Cogged, 1.19           |
| 19    | 726-0476    | 4   |       | Hose Clamp                          |
| 20    | 710-3118    | 1   | /P    | Hex Screw, 3/8-16 x 1.00            |
| 21    | 710-0599    | 1   | /P    | Self Tapping Screw, 1/4-20 x.50     |
| 22    | 718-04033   | 1   |       | Rotary Adjuster                     |
| 23    | 731-04078A  | 1   | /P    | Chain Roller                        |
| 24    | 751-10217   | 1   |       | Air Intake Hose                     |
| 25    | 751-10216   | 1   |       | Air Filter Hose                     |
| 26    | 736-3090    | 4   | /P    | Flat Washer .260 x .720 x .060      |
| 27    | 707-04593   | 1   |       | Upper Transmission Support Bracket  |
| 28    | 607-04165   | 1   |       | Muffler Assembly Bracket            |
| 30    | 710-3209    | 4   |       | Screw, Machine M6 x 1.0 x 10 mm     |
| 31    | 732-0303    | 1   | S     | Extension Spring .375 x 3.18 LG     |
| 32    | 707-04610   | 1   |       | Engine Shield Bracket               |
| 34    | 751-10188   | 1   |       | Muffler, Kohler                     |
|       | 751-0544    | 1   | S     | Arrestor, Spark 1-1/4               |
| 35    | 751-10202   | 1   |       | Kohler Heat Shield                  |
| 36    | 710-04022   | 2   |       | Hex Head Screw M8 - 1.25 x 20       |
| 37    | 710-3209    | 2   |       | Hex Head Screw M6 1.0 x 10          |
| 38    | KH-64728    | 1   |       | Engine, Kohler 64728                |
| 40    | 607-04018   | 1   | S     | Interlock Shift Bracket             |
| 41    | 607-04017   | 1   |       | Interlock Shift Plate               |
| 42    | 607-04015   | 1   |       | Brake Clutch Lever                  |
| 43    | 712-3005    | 2   | S     | Hex Flange Lock Nut, 3/8-16         |
| 44    | 732-0814    | 1   |       | Extension Spring                    |
| 45    | 736-0105    | 1   | /P    | Bell Washer,.375 x.870 x.063        |
| 46    | 736-0326    | 1   | S     | Flat Washer,.510 x 1.0 x.125        |
| 47    | 738-0213    | 2   | /P    | Shoulder Screw                      |
| 48    | 741-0491    | 4   |       | Flange Bearing                      |
| 49    | 618-0685    | 1   | S     | Transmission, Tuff Torq Model KT 35 |
| 50    | 707-0369    | 1   |       | Lever, Transmission                 |
| 51    | 710-0693    | 1   | /P    | Hex Screw, 3/8-16 x 4.50, Gr5       |
| 52    | 710-0805    | 1   | /P    | Hex Screw, 5/16-18 x 1.50, Gr5      |
| 53    | 710-3001    | 1   | /P    | Hex Screw, 3/8-16 x .880, Gr5       |
| 54    | 712-3005    | 2   | S     | Lock Nut, Hex Flange 3/8-16         |
| 55    | 712-0429    | 1   | S     | Nut, Hex Lock, 5/16-18              |
| 56    | 750-3235    | 1   | P     | Spacer, 605 x 1.75 x 3.31           |

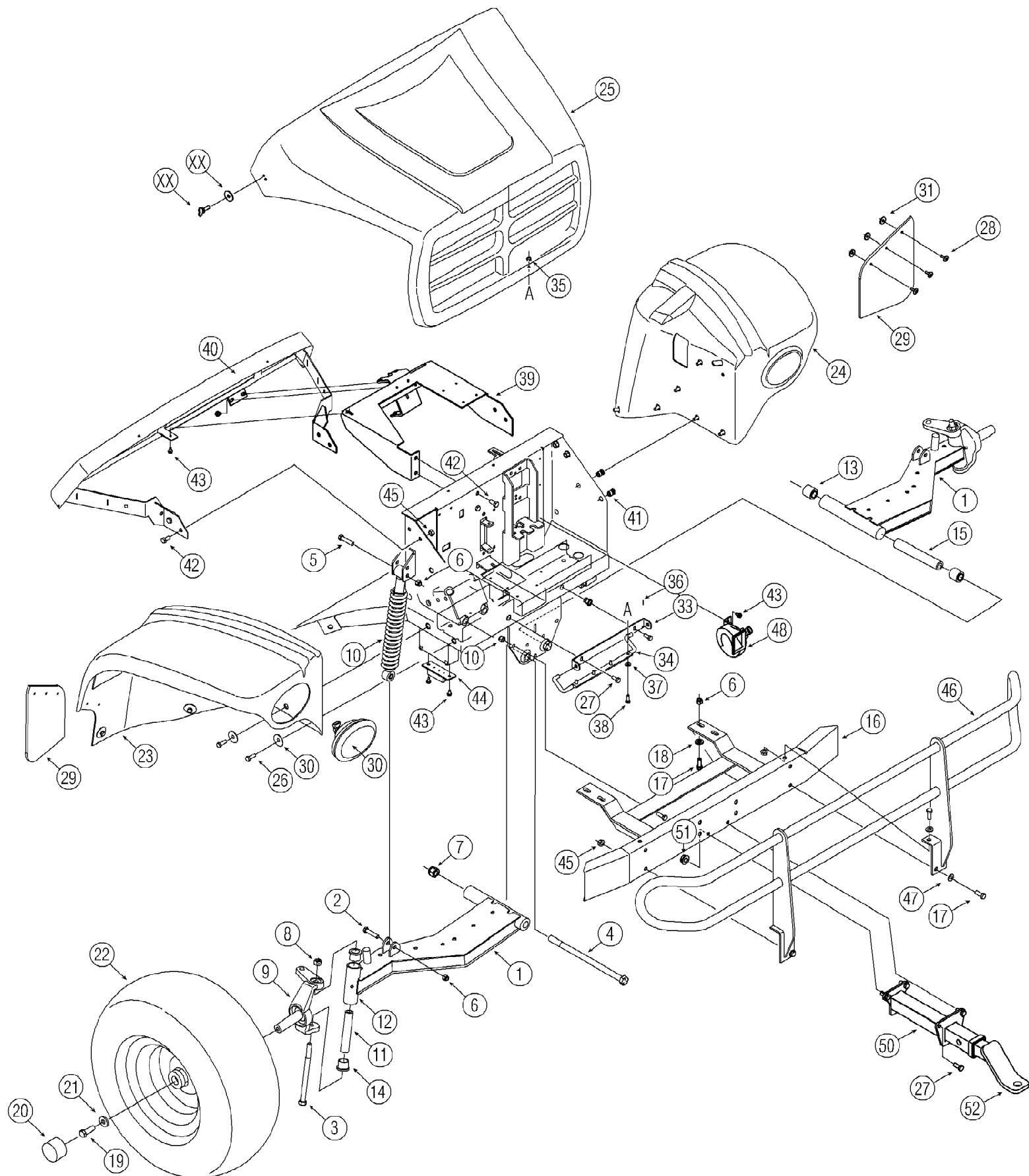
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| Ref # | Part Number | Qty | S/P/F | Description                   |
|-------|-------------|-----|-------|-------------------------------|
| 57    | 711-04024   | 2   | S     | Pin, .625 x 1.37              |
| 58    | 716-0106A   | 4   |       | E-Ring, .625                  |
| 59    | 738-0509    | 1   |       | Shoulder Screw,.50 x 1.825    |
| 60    | 736-3084    | 1   | /P    | Flat Washer,.510 x 1.12 x.060 |

642 6x4 Utility Vehicle (Fire & Rescue) (37AC642E710)  
Front End

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642 6x4 Utility Vehicle (Fire & Rescue) (37AC642E710)  
Front End

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| Ref # | Part Number | Qty | S/P/F | Description                                    |
|-------|-------------|-----|-------|------------------------------------------------|
| 1     | 607-04004   | 1   |       | Axle Assembly, Right-front (Incl. Ref 12 - 15) |
| 1     | 607-04005   | 1   |       | Axle Assembly, Left-front (Incl. Ref 12 - 15)  |
| 2     | 710-0347    | 2   | /P    | Hex Screw, 3/8-16 x 1.75                       |
| 3     | 710-04012   | 2   |       | Hex Screw, 1/2-13 x 7.0, Gr5                   |
| 4     | 710-04120   | 2   |       | Hex Screw, 5/8-11 x 11.13, Gr5                 |
| 5     | 710-3011    | 2   | /P    | Hex Screw, 3/8-16 x 2.25                       |
| 6     | 712-0130    | 10  | /P    | Nut, Hex Lock, Nylon, 3/8-16, Gr5              |
| 7     | 712-3016    | 2   | /P    | Nut, Hex Lock, Nylon, 5/8-11, Gr5              |
| 8     | 712-3022    | 2   | /P    | Nut, Hex Lock, 1/2-13                          |
| 9     | 607-04106   | 1   |       | Steering Control Knuckle, RH                   |
| 9     | 607-04105   | 1   |       | Steering Control Knuckle, LH                   |
| 10    | 732-04176   | 2   | S     | Shock Absorber, 2.9 Stroke                     |
| 11    | 750-1388    | 2   |       | Tube, .875 x .50 x 4.75                        |
| 12    | 737-04006   | 2   | /P    | Grease Fitting                                 |
| 13    | 741-0758    | 4   |       | Bearing, .63 ID x 1.19 OD                      |
| 14    | 741-0762    | 4   |       | Bushing, Steering                              |
| 15    | 750-1357    | 2   |       | Spacer, .645 ID x 1.063 OD                     |
| 16    | 607-0037    | 1   | S     | Front Bumper Assembly                          |
| 17    | 710-0514    | 10  | /P    | Hex Screw, 3/8-16 x 1.0                        |
| 18    | 736-0300    | 4   | S     | Flat Washer, .406 x .875 x .059                |
| 19    | 710-04186   | 2   | /P    | Hex Screw, 1/2-13 x 1.25, Gr5                  |
| 20    | 731-04029   | 2   |       | Dust Cap                                       |
| 21    | 736-04019   | 2   |       | Flat Washer, .531 x 1.25 x .181                |
| 22    | 634-04035A  | 1   |       | Wheel Ass'y, 22 x 11 x 10, RH, All Terr.       |
| 22    | 634-04036A  | 1   |       | Wheel Ass'y, 22 x 11 x 10, LH, All Terr.       |
| 23    | 731-04556   | 1   | S     | Panel, Right Fender, Red                       |
| 24    | 731-04557   | 1   | S     | Panel, Left Fender, Red                        |
| 25    | 731-04552   | 1   | S     | Panel, Hood, Red                               |
| 26    | 710-0376    | 14  | /P    | Hex Screw 5/16-18 x 1.00 Gr 5                  |
| 27    | 710-3008    | 2   | /P    | Hex Screw, 5/16-18 x .75                       |
| 28    | 728-04004   | 6   | S     | Pop Rivet                                      |
| 29    | 735-04003   | 2   |       | Mud Flap                                       |
| 30    | 736-0356    | 14  | S     | Washer, Bell, .39 x 1.38 x .062                |
| 31    | 736-0400    | 6   | S     | Flat Washer, .194 x .62 x .063                 |
| 32    | 625-04017   | 2   | S     | Head lamp Assembly                             |
| 33    | 707-04165   | 1   | S     | Bracket, Hood Mounting                         |
| 34    | 711-04139   | 1   |       | Rod, Hood Mounting                             |
| 35    | 712-0324    | 4   | /P    | Nut, Hex Lock, 1/4-20                          |
| 36    | 714-0101    | 1   | S     | Cotter Pin, Internal, 1.42                     |
| 37    | 736-3020    | 4   | S     | Washer, Flat, .271 x .63 x .065                |
| 38    | 710-3015    | 4   | /P    | Hex Screw, 1/4-20 x .75                        |
| 39    | 607-04062   | 1   | S     | Dash Support Frame Assembly                    |
| 40    | 607-04065   | 1   | S     | Upper Dash Frame Assembly                      |
| 41    | 712-0703A   | 12  | /P    | Insert Nut, 5/16-18                            |
| 42    | 710-0216    | 6   | /P    | Hex Screw, 3/8-16 x .75                        |
| 43    | 710-0599    | 7   | /P    | Screw, Self-tapping, 1/4-20 x .5               |
| 44    | 731-04016   | 2   |       | Suspension Bumper                              |
| 45    | 712-0431    | 10  | S     | Flange Lock Nut, 3/8-16                        |
| 46    | 607-04010   | 1   |       | Brush Guard                                    |
| 47    | 736-3050    | 4   | /P    | Washer, Flat, 406 x .810 x .051                |
| 48    | 725-04015   | 1   | S     | Horn                                           |
| 49    | 736-0259    | 2   | S     | Flat Washer .030 .625 x .090                   |
| 50    | 607-0024    | 1   |       | Front Hitch Assembly                           |

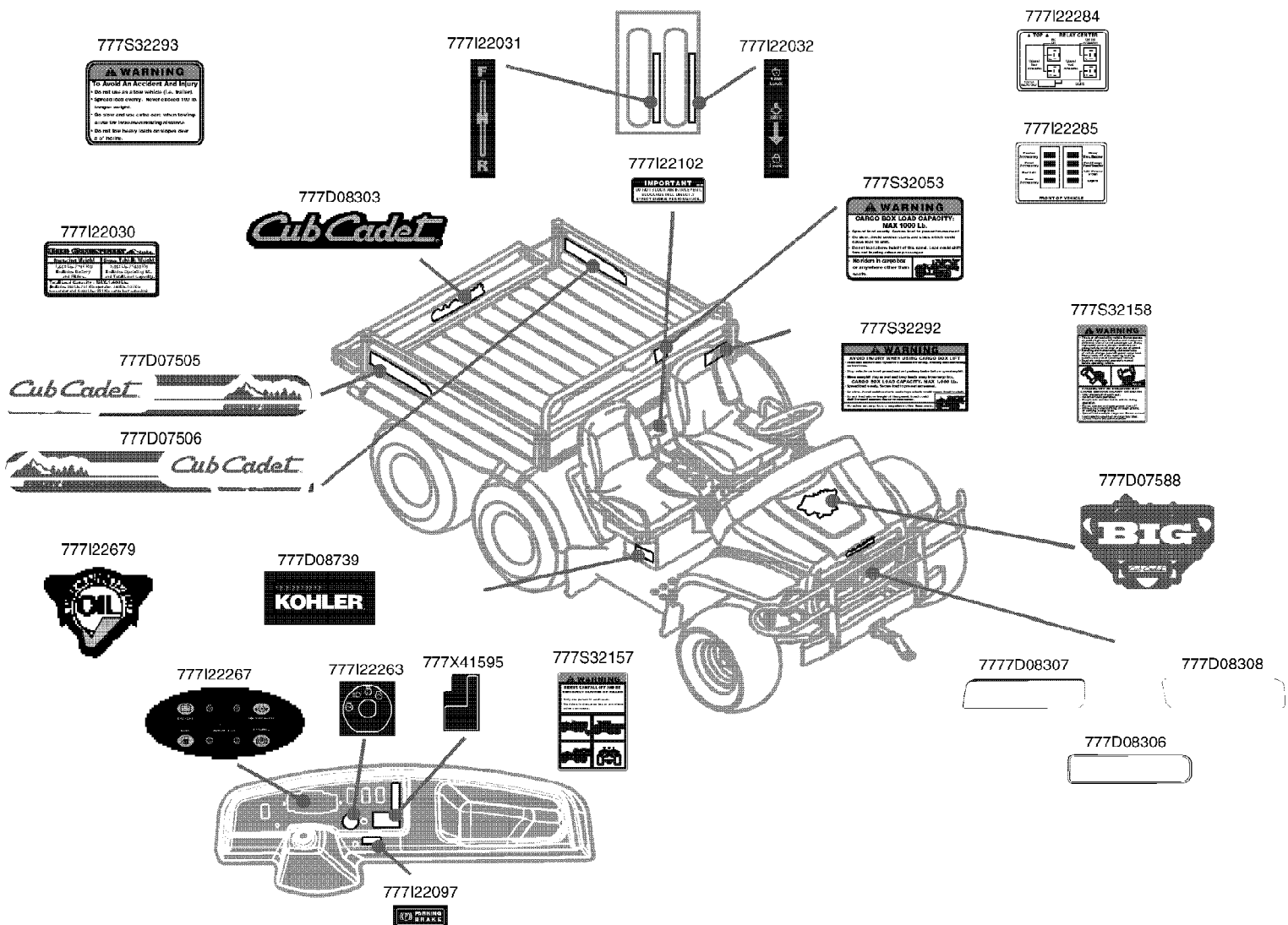
642 6x4 Utility Vehicle (Fire & Rescue) (37AC642E710)  
Front End

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| Ref # | Part Number | Qty | S/P/F | Description     |
|-------|-------------|-----|-------|-----------------|
| 51    | 712-3004A   | 5   | /P    | Flange Lock Nut |
| 52    | 837-10048   | 1   |       | Hitch Accessory |

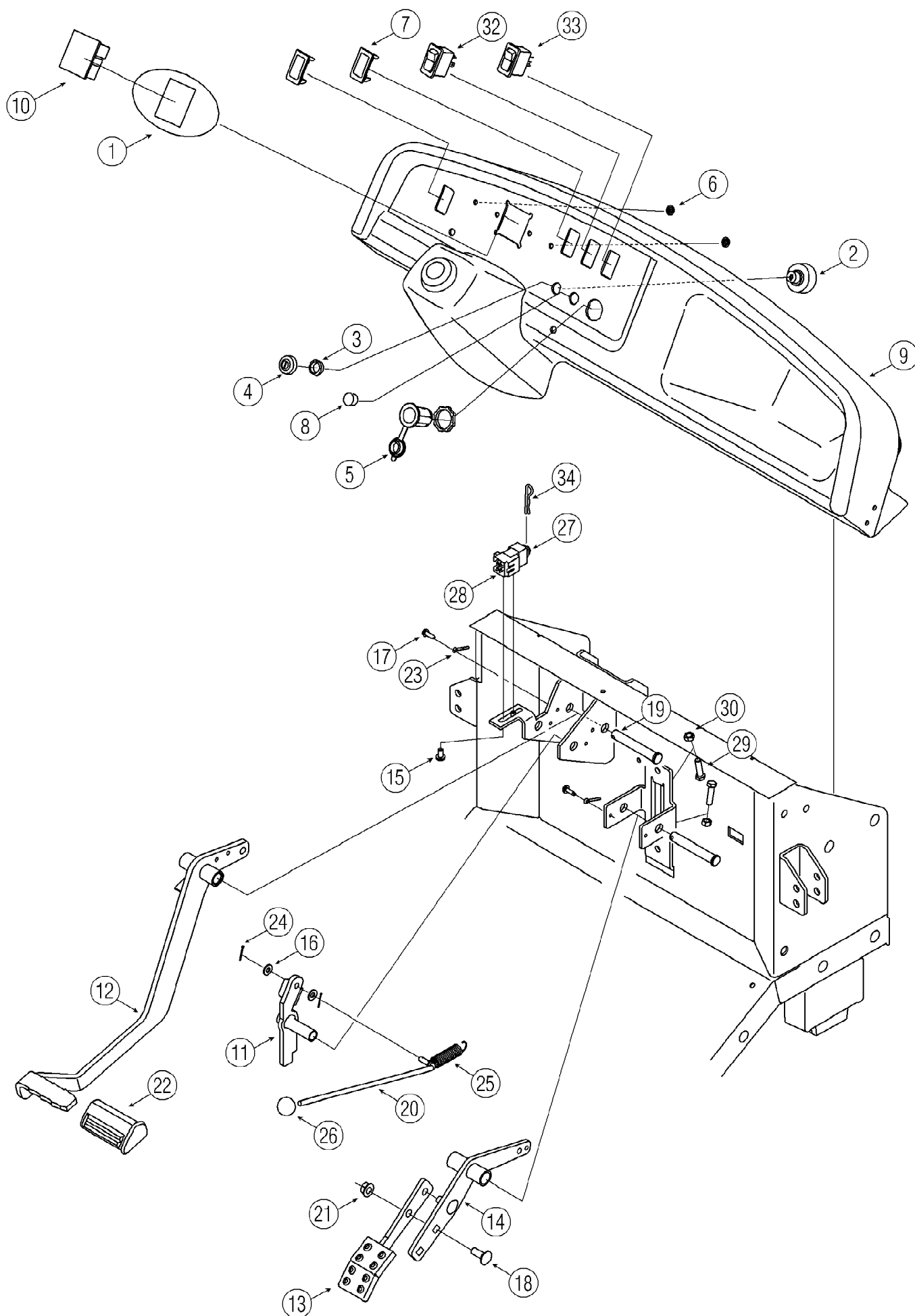
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642 6x4 Utility Vehicle (Fire & Rescue) (37AC642E710)  
Pedals and Dash

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642 6x4 Utility Vehicle (Fire & Rescue) (37AC642E710)  
Pedals and Dash

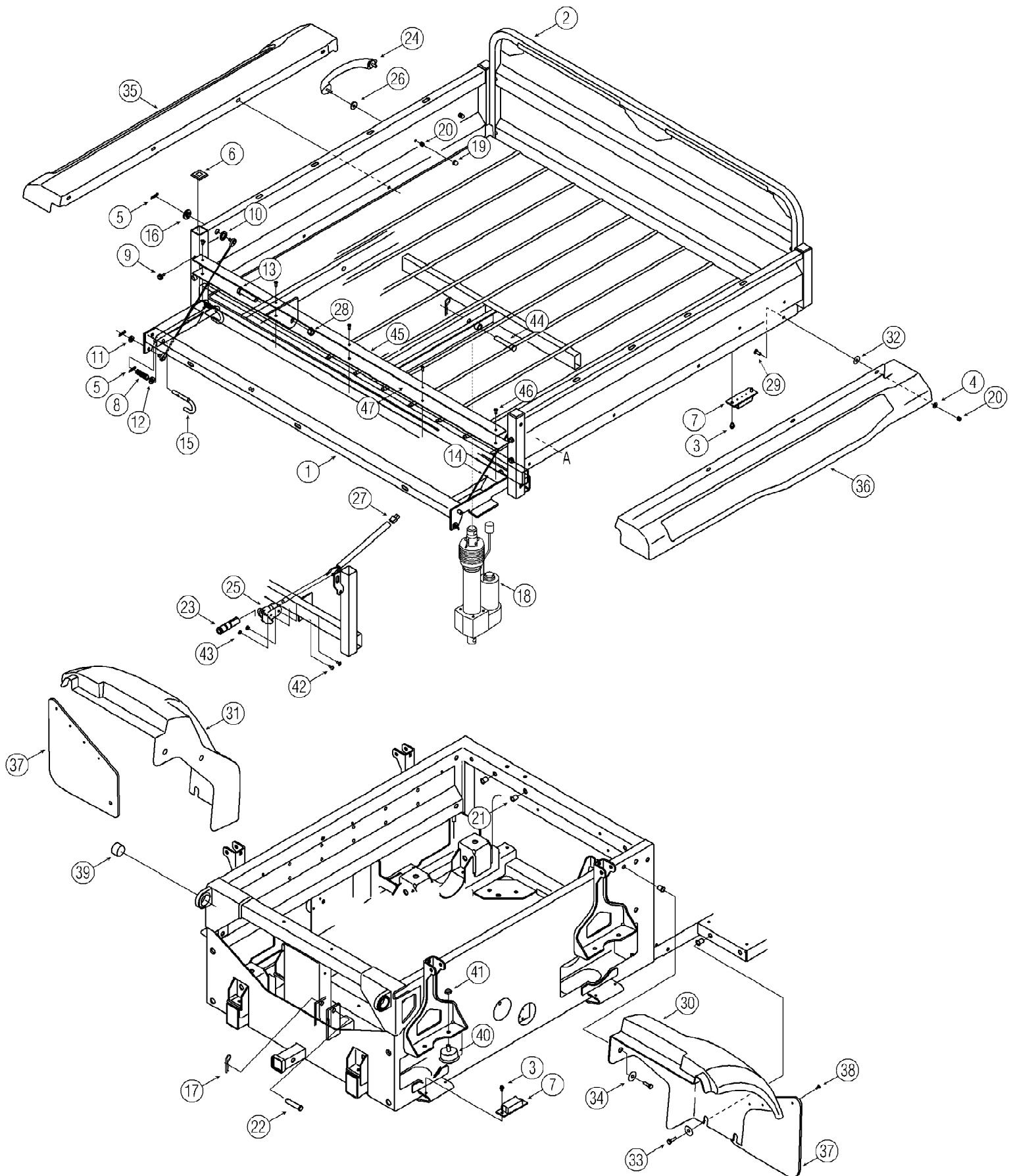
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| Ref # | Part Number | Qty | S/P/F | Description                        |
|-------|-------------|-----|-------|------------------------------------|
| 1     | 731-04755   | 1   |       | Instrument Dash Cover              |
| 2     | 725-3284    | 1   | S     | Key Switch                         |
| 3     | 731-1346    | 1   |       | Nut, Ignition Switch, 5/8-32       |
| 4     | 731-1347    | 1   |       | Cap, Ignition Switch               |
| 5     | 725-2003    | 1   |       | Power Receptacle, 12V              |
| 6     | 726-0293    | 2   |       | Nut, Retainer, 1/8                 |
| 7     | 731-04010   | 4   |       | Switch Plug Panel                  |
| 8     | 731-04014   | 1   | S     | Plug, Horn Switch                  |
| 9     | 731-04676   | 1   |       | Dash Panel                         |
| 10    | 725-04022   | 1   | S     | Hour Indicator Meter               |
| 11    | 607-0021    | 1   |       | Lever, Parking Brake               |
| 12    | 607-04077   | 1   | S     | Pedal Assembly, Brake              |
| 13    | 607-04082   | 1   |       | Pedal Assembly, Throttle           |
| 14    | 607-04083   | 1   |       | Pedal Arm Assembly, Throttle       |
| 15    | 710-04030   | 2   |       | Screw, Hi-Lo, 1/4-20 x .5          |
| 16    | 736-0463    | 2   | S     | Washer, Flat .25 x .630 x .0515    |
| 17    | 710-1237    | 2   |       | Screw, Self-tapping, #10-32 x .625 |
| 18    | 710-3168    | 2   | /P    | Bolt, Carriage, 3/8-16 x 1.0       |
| 19    | 711-04067   | 3   | S     | Pin, Clevis.50 x 3.25              |
| 20    | 711-1765    | 1   |       | Rod, Brake Lock                    |
| 21    | 712-0431    | 2   | S     | Nut, Flange Lock, 3/8-16           |
| 22    | 735-3049    | 1   | S     | Pad, Brake Pedal                   |
| 23    | 714-0121    | 2   | S     | Pin, Cotter, 5/32 x 1.00           |
| 24    | 714-0127    | 2   | /P    | Pin, Cotter, 1/16                  |
| 25    | 732-1187    | 1   |       | Spring, Extension, .637 x 2.972    |
| 26    | 720-04001   | 1   | /P    | Knob, Ball                         |
| 27    | 721-3049    | 1   | /P    | Cover, Protective                  |
| 28    | 725-1657A   | 1   | S     | Snap Mount Switch, Interlock       |
| 29    | 710-0528    | 2   | /P    | Hex Screw, 5/16-18 x 1.25          |
| 30    | 712-3010    | 2   | S     | Hex Nut, 5/16-18                   |
| 31    | 759-3476A   | 2   | S     | Ignition Keys (Not shown)          |
| 32    | 725-04012   | 1   |       | Bed Lift Switch                    |
| 33    | 725-04016   | 1   |       | Power Receptacle Switch            |
| 34    | 714-0101    | 1   | S     | Cotter Pin                         |



642 6x4 Utility Vehicle (Fire & Rescue) (37AC642E710)  
Rear Fenders and Cargo Bed

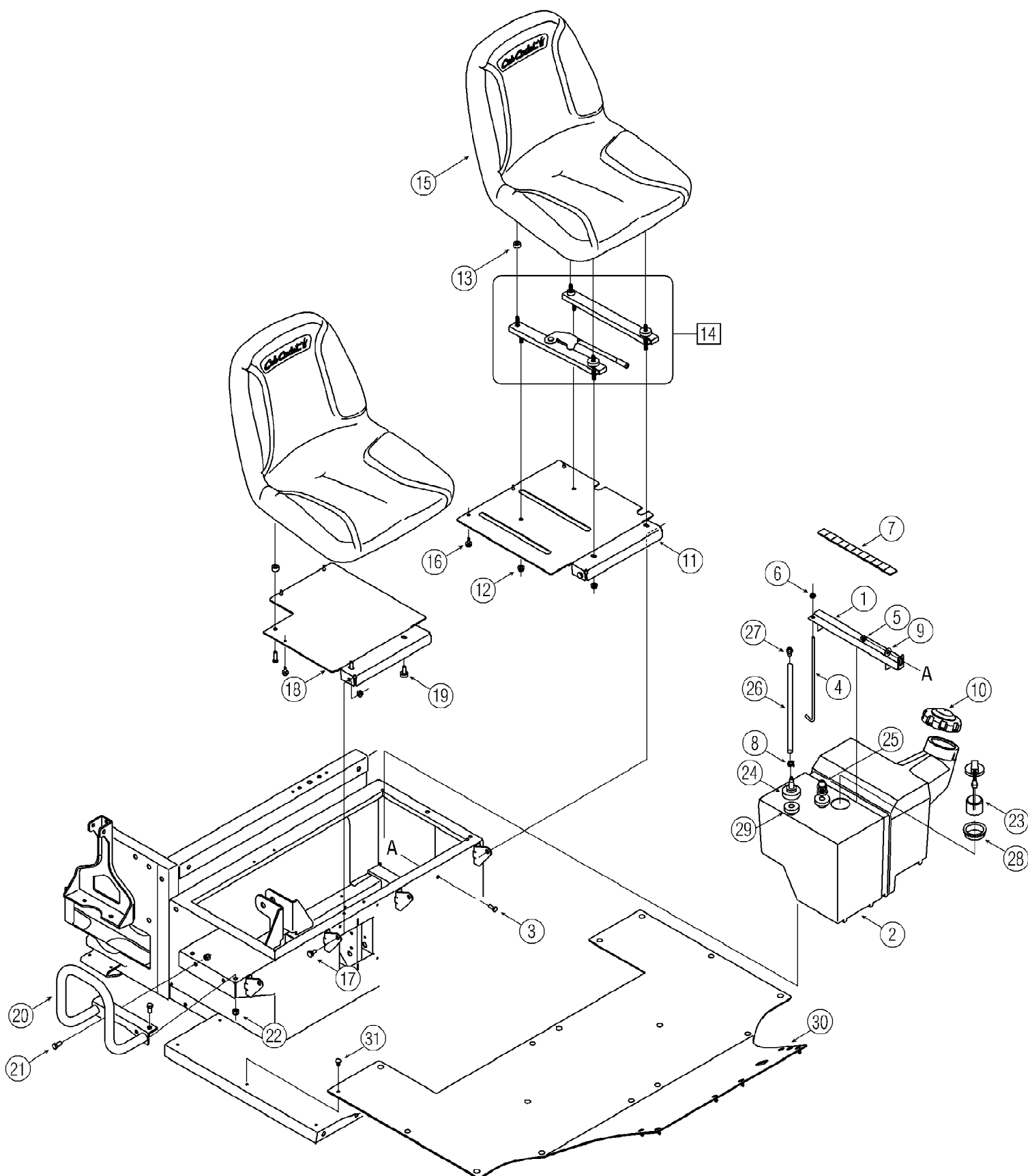
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642 6x4 Utility Vehicle (Fire & Rescue) (37AC642E710)  
Rear Fenders and Cargo Bed

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| Ref # | Part Number | Qty | S/P/F | Description                               |
|-------|-------------|-----|-------|-------------------------------------------|
| 1     | 607-04028   | 1   | S     | Tailgate Assembly                         |
| 2     | 607-04035   | 1   | S     | Bed Assembly                              |
| 3     | 710-0599    | 12  | /P    | Screw, Self-tapping, 1/4-20 x 0.500       |
| 4     | 736-3020    | 8   | S     | Flat Washer,.271 x.630 x.065              |
| 5     | 714-0104    | 8   | S     | Cotter Pin,.072 Dia x 1.13                |
| 6     | 720-04036   | 4   |       | Plug Cap                                  |
| 7     | 731-04016   | 6   |       | Bumper, Extension Suspension              |
| 8     | 732-0306    | 4   | S     | Compression Spring, .406 x .531 x 1.75 LG |
| 9     | 735-0271    | 4   | S     | Bumper, .62Dia x .3                       |
| 10    | 736-0162    | 2   | /P    | Washer, Flat, .64 ID x 1.0 x .12          |
| 11    | 736-3008    | 2   | S     | Washer, Flat, .344 x .750 x .120          |
| 12    | 736-3010    | 4   | /P    | Washer, Flat,.407 x.812 x.135             |
| 13    | 710-3233    | 2   | /P    | Screw, Hex, 1/2-13 x 2.5                  |
| 14    | 746-0968    | 2   |       | Cable, Lift 16.16 LG                      |
| 15    | 747-1116    | 4   | /P    | Handle, Deck Release                      |
| 16    | 748-0331    | 2   | S     | Spacer, Shoulder .625 Dia x .324 Dia      |
| 17    | 714-04003   | 2   | /P    | Cotter Pin                                |
| 18    | 725-04077   | 1   | S     | Electric Actuator, 6" stroke              |
| 19    | 712-0264    | 2   |       | Nut, Acorn 1/4-20 w/o Lock                |
| 20    | 712-0324    | 10  | /P    | Nut, Hex Lock, 1/4-20                     |
| 21    | 712-0703A   | 19  | /P    | Nut, Insert 5/16-18                       |
| 22    | 711-04007   | 1   |       | Clevis Pin, .5" dia. x 2.25" long         |
| 23    | 725-04018   | 4   |       | Plug Receptacle, 12V/15A                  |
| 24    | 731-04174   | 1   |       | Handle, Bag w/Screw                       |
| 25    | 725-04017   | 1   |       | Power Receptacle, 12V/15A                 |
| 26    | 736-0176    | 2   | S     | Washer, Flat .265 x .938 x .120           |
| 27    | 725-04157   | 1   |       | Harness Jumper                            |
| 28    | 712-3022    | 2   | /P    | Hex Lock Nut, 1/2-13                      |
| 29    | 710-0703    | 8   | /P    | Hex Screw, 1/4-20 x.75                    |
| 30    | 731-04558   | 1   | S     | Fender, Rear RH, Red                      |
| 31    | 731-04559   | 1   | S     | Fender, Rear LH, Red                      |
| 32    | 736-04008   | 8   |       | Rubber Washer,.310 x 1.0 x.125            |
| 33    | 710-0376    | 8   | /P    | Hex Screw, 5/16-18 x 1.0                  |
| 34    | 736-0356    | 8   | S     | Bell Washer,.39 x 1.38 x.062              |
| 35    | 731-04553   | 1   | S     | Bed Skirt Panel, LH, Red                  |
| 36    | 731-04555   | 1   | S     | Bed Skirt Panel, RH, Red                  |
| 37    | 735-04035   | 2   |       | Rear Mud Flap                             |
| 38    | 728-04004   | 8   | S     | Pop Rivet,.188                            |
| 39    | 741-0761    | 2   |       | Rubber Bushing, Bed Pivot                 |
| 40    | 731-04011   | 8   |       | Bumper, Compression Suspension            |
| 41    | 712-04006   | 8   |       | Hex Lock Nut, M10-1.25                    |
| 42    | 710-0473    | 2   | /P    | Screw, #10-24 x .500                      |
| 43    | 712-0272    | 2   | /P    | Hex Nut, 10-24                            |
| 44    | 711-04006   | 1   |       | Clevis Pin, .5" dia. x 3" long            |
| 45    | 707-04510   | 1   |       | Tail Gate Seal Mounting Plate             |
| 46    | 728-0123    | 5   | S     | Pop Rivet 3/16 x .450                     |
| 47    | 735-04049   | 1   |       | Tail Gate Seal Strip                      |



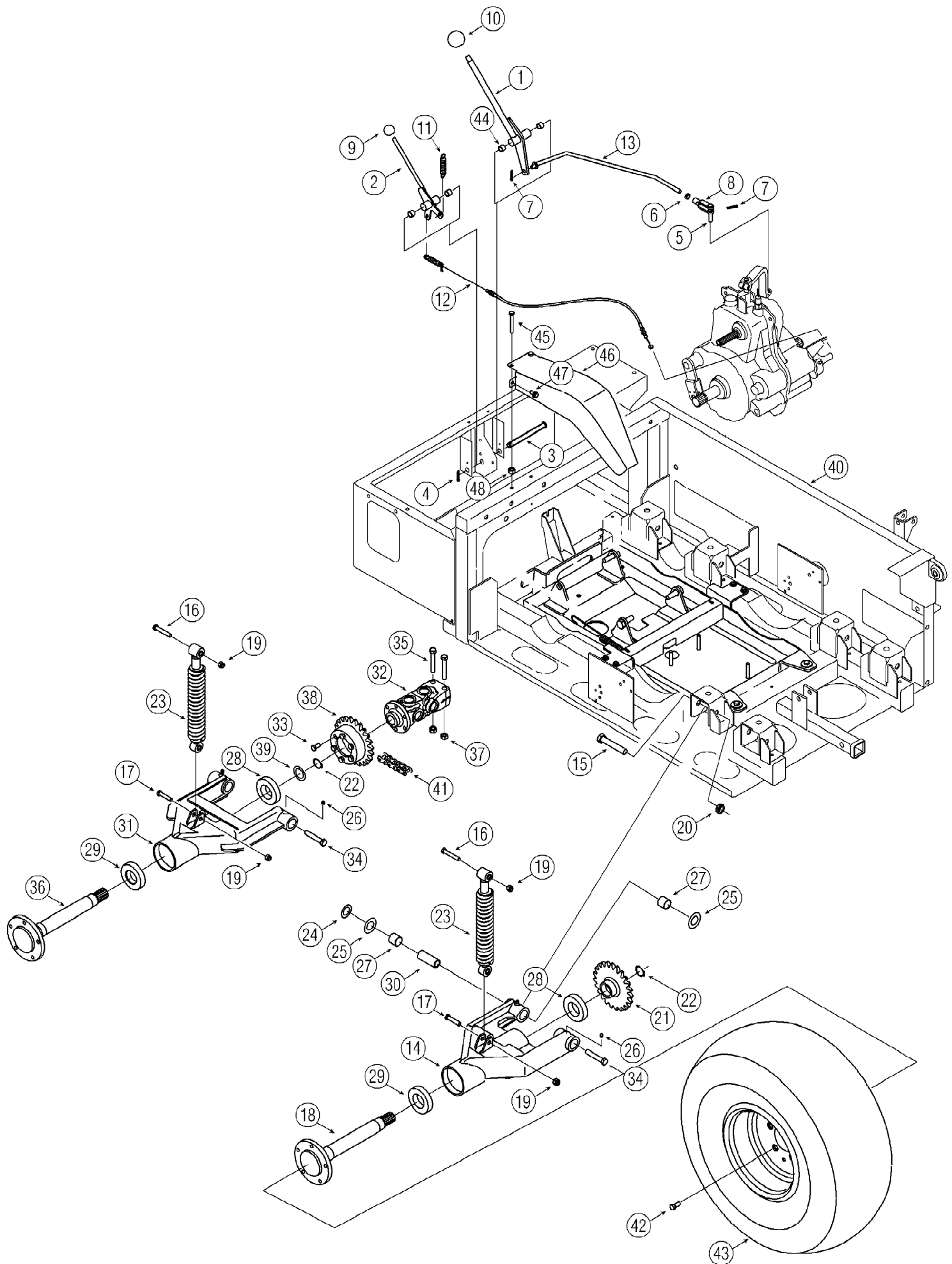
642 6x4 Utility Vehicle (Fire & Rescue) (37AC642E710)  
Seats and Fuel Tank

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| Ref # | Part Number | Qty | S/P/F | Description                                                        |
|-------|-------------|-----|-------|--------------------------------------------------------------------|
| 1     | 607-0034    | 1   |       | Bracket Assembly, Fuel Tank                                        |
| 2     | 631-04097   | 1   |       | Tank Assembly, Fuel (Incl. valve, grommets, cap. switch & fitting) |
| 2     | 751-10064   | 1   |       | Fuel Tank Only                                                     |
| 3     | 710-3008    | 1   | /P    | Hex Screw, 5/16-18 x .75                                           |
| 4     | 711-1768    | 1   |       | Hold-down Rod, Fuel Tank                                           |
| 5     | 712-0265    | 1   | /P    | Sems Nut, 5/16-18                                                  |
| 6     | 712-3027    | 1   | S     | Nut, Flange Lock, 1/4-20                                           |
| 7     | 721-04006   | 1   |       | Gasket, Fuel Tank (11")                                            |
| 8     | 726-0205    | 1   | /P    | Clamp, Hose                                                        |
| 9     | 736-0159    | 1   | S     | Washer, .349 x .879 x .063                                         |
| 10    | 751-0852    | 1   | S     | Cap, Fuel                                                          |
| 11    | 707-04061A  | 1   | S     | Plate, Seat, LH                                                    |
| 12    | 712-3004A   | 8   | /P    | Nut, Flange Lock, 5/16-18, Gr5                                     |
| 13    | 750-0258    | 8   | /P    | Spacer, Seat                                                       |
| 14    | 757-04033   | 1   | S     | Track Assembly, Seat                                               |
| 15    | 757-04008A  | 2   | /P    | Seat                                                               |
| 16    | 735-0271    | 6   | S     | Bumper                                                             |
| 17    | 738-0140    | 4   | S     | Shoulder Screw, .435 x.178-5/16 x.56                               |
| 18    | 707-04062A  | 1   | S     | Plate, Seat, RH                                                    |
| 19    | 710-0376    | 4   | /P    | Hex Screw, 5/16-18 x 1.0                                           |
| 20    | 649-04002   | 2   | S     | Tube, Grab Handle                                                  |
| 21    | 710-0216    | 8   | /P    | Hex Screw, 3/8-16 x.75                                             |
| 22    | 712-0130    | 8   | /P    | Nut, Hex Lock Nylon, 3/8-16                                        |
| 23    | 725-2068    | 1   |       | Low Fuel Sensor                                                    |
| 24    | 751-3174    | 1   |       | Fuel Return Fitting                                                |
| 25    | 737-04010   | 1   |       | Fuel Tank Shut Off Valve                                           |
| 26    | 751-0535    | 1   |       | Fuel Line Hose 20-inch                                             |
| 27    | 737-0296    | 1   | /P    | Vent                                                               |
| 28    | 735-0699    | 1   | /P    | Grommet                                                            |
| 29    | 741-04006   | 2   |       | Fuel Tank Grommet                                                  |
| 30    | 735-04001   | 1   |       | Floor Mat                                                          |
| 31    | 726-0465    | 17  |       | Retainer Clip                                                      |

642 6x4 Utility Vehicle (Fire & Rescue) (37AC642E710)  
Shifter Assembly and Rear, Center Suspension

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642 6x4 Utility Vehicle (Fire & Rescue) (37AC642E710)  
Shifter Assembly and Rear, Center Suspension

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| Ref # | Part Number | Qty | S/P/F | Description                              |
|-------|-------------|-----|-------|------------------------------------------|
| 1     | 647-0069B   | 1   | /P    | Lever Assembly, Transmission             |
| 2     | 647-0071B   | 1   |       | Shifter Assembly, Differential Lock      |
| 3     | 711-04068   | 1   |       | Pin, Clevis, .50 x 5.375                 |
| 4     | 714-0115    | 1   | S     | Pin, Cotter                              |
| 5     | 711-04017   | 1   |       | Pin, Clevis, .375 x 2.0                  |
| 6     | 712-0711    | 1   | /P    | Nut, Jam, 3/8-24                         |
| 7     | 714-0104    | 2   | S     | Pin, Cotter, .072 x 1.13                 |
| 8     | 719-3013    | 1   | /P    | Clevis, Adjustment                       |
| 9     | 720-04002   | 1   |       | Knob, Ball                               |
| 10    | 720-0434    | 1   |       | Knob, Ball                               |
| 11    | 732-1187    | 1   |       | Spring, Extension, .637 x 2.972          |
| 12    | 746-04004   | 1   |       | Control Cable, Differential Lock         |
| 13    | 747-04010A  | 1   |       | Shifter Rod, Transmission                |
| 14    | 607-0042A   | 1   | S     | Axle Support Assembly, Rear Weld         |
| 15    | 710-0298    | 2   |       | Screw, Hex, 5/8-18 x 3.5, Gr5            |
| 16    | 710-3011    | 4   | /P    | Screw, 3/8-16 x 2.25                     |
| 17    | 710-0347    | 4   | /P    | Screw, 3/8-16 x 1.75                     |
| 18    | 711-1764    | 1   |       | Axle Shaft, Rear Drive                   |
| 19    | 712-0130    | 8   | /P    | Nut, Hex Lock, 3/8-16                    |
| 20    | 712-0413    | 4   | S     | Jam Nut, Lock, 5/8-18                    |
| 21    | 713-04007   | 1   | /P    | Sprocket                                 |
| 22    | 716-0401    | 4   |       | Retaining Ring, External, 1.14           |
| 23    | 732-04176   | 4   | S     | Shock Absorber, 2.9 Stroke               |
| 24    | 736-0424    | 8   | S     | Washer, Flat, 1.06 x 1.56 x .020         |
| 25    | 736-3046A   | 16  |       | Washer, Flat, 1.010 x 1.86 x .060        |
| 26    | 737-3000    | 8   | S     | Lube Fitting, 3/16                       |
| 27    | 741-04030   | 16  | S     | Bearing Flange, 1.0 x 1.125 x 1.0        |
| 28    | 741-0759    | 4   |       | Ball Bearing, Internal Axle              |
| 29    | 741-0760    | 4   |       | Ball Bearing, External Axle              |
| 30    | 750-04004   | 8   |       | Spacer, .63 x 1.0 x 2.594                |
| 31    | 607-0043A   | 2   | S     | Axle Support Assembly, Center Weld       |
| 32    | 623-0026A   | 2   | S     | Weld Coupling Assembly                   |
| 33    | 710-3119    | 12  | /P    | Screw, Hex, 3/8-16 x .75, Gr5            |
| 34    | 710-0298    | 4   |       | Screw, Hex, 5/8-18 x 3.5, Gr5            |
| 35    | 710-3229    | 4   |       | Screw, Hex, 7/16-14 x 2.75, Gr5          |
| 36    | 711-1763    | 2   |       | Axle Shaft, Drive Center                 |
| 37    | 712-0290    | 4   | /P    | Nut, Hex Lock, 7/16-14                   |
| 38    | 713-04005   | 2   | /P    | Sprocket, Hub, 1.75 - 23T                |
| 39    | 750-1389    | 2   |       | Spacer, 1.78 x 1.88                      |
| 40    | 607-04084   | 1   |       | Frame Assembly, Complete                 |
| 41    | 713-0605    | 2   |       | Chain, 60-97 Pitch                       |
| 42    | 710-04009   | 20  |       | Hex Screw, 7/16-20 x 1.5, Gr5            |
| 43    | 634-04108   | 2   |       | Wheel Ass'y, 25 x 11 x 10, RH, All Terr. |
| 43    | 634-04109   | 2   |       | Wheel Ass'y, 25 x 11 x 10, LH, All Terr. |
| 44    | 741-04002   | 4   |       | Bushing, .504 x .628 x .50               |
| 45    | 710-0378    | 2   | /P    | Hex Screw, 5/16-18 x 2.50                |
| 46    | 707-04006   | 1   |       | Belt Guard                               |
| 47    | 710-0759    | 2   |       | Screw, 5/16-18 x .625                    |
| 48    | 712-3009    | 2   | S     | Hex Lock Nut, 5/16-18                    |



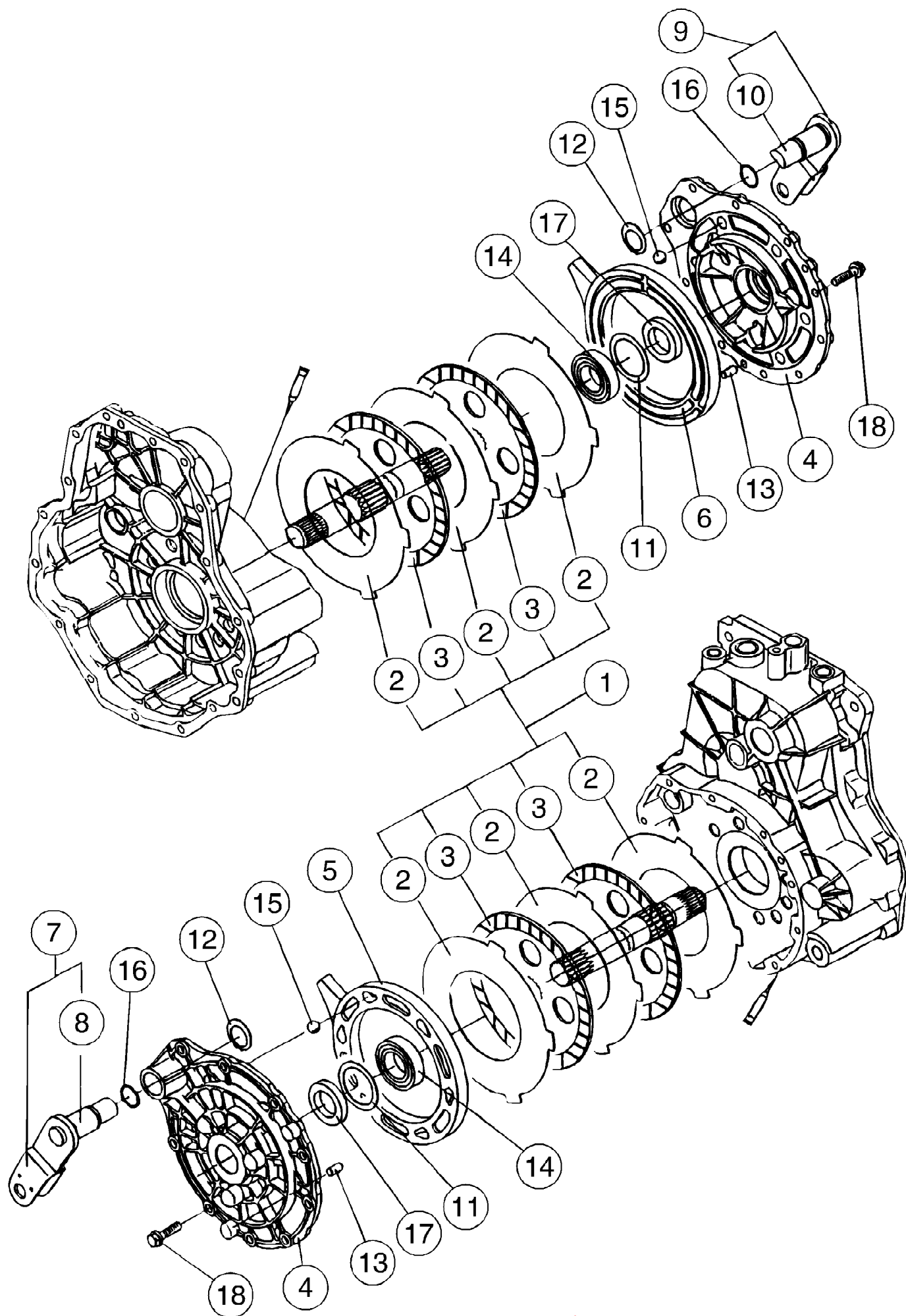


642 6x4 Utility Vehicle (Fire & Rescue) (37AC642E710)  
Steering

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| Ref # | Part Number | Qty | S/P/F | Description                           |
|-------|-------------|-----|-------|---------------------------------------|
| 1     | 631-04105   | 1   |       | Dash Assembly                         |
| 2     | 707-04252   | 2   |       | Hood Mounting Plate                   |
| 3     | 731-2952    | 1   |       | Panel, Airbox Cover                   |
| 4     | 710-0564    | 2   | /P    | Hex Screw, 1/4-20 x 2.75              |
| 5     | 710-0607    | 1   | /P    | Hex Screw, 5/16-18 x0.5, Gr5          |
| 7     | 712-0397    | 2   | S     | Wing Nut, 1/4-20                      |
| 8     | 721-04070A  | 1   | S     | Trim, Bulb Seal, 1/4                  |
| 9     | 723-3069    | 4   | S     | Foot Pad, Abrasive                    |
| 10    | 728-0173    | 10  | S     | Rivet, Pop,.187                       |
| 11    | 728-04004   | 10  | S     | Rivet, Pop,.188                       |
| 12    | 731-04033A  | 1   | S     | Container, Bulkhead                   |
| 13    | 731-2953A   | 1   | S     | Panel, Shift Cover                    |
| 14    | 731-2648    | 1   |       | Console, Cup Holder                   |
| 15    | 735-04038   | 2   | S     | Handle, Latch                         |
| 16    | 736-0195    | 2   | /P    | Flat Washer, 349 x.875 x.04           |
| 17    | 736-0173    | 2   | /P    | Washer, Flat,.28 x.74 x.063           |
| 18    | 736-0400    | 4   | S     | Washer, Flat,.194 x.62 x.063          |
| 19    | 736-0463    | 1   | S     | Washer, Flat,.25 x.630 x.0515         |
| 20    | 707-04386   | 1   | S     | Plate, Console Support                |
| 21    | 710-0599    | 4   | /P    | Screw, Self-tapping, 1/4-20 x.5       |
| 22    | 617-0075A   | 1   | S     | Gear Assembly, Steering               |
| 23    | 707-04074   | 1   | S     | Steering Bracket, Sector Clamp        |
| 24    | 707-0417    | 1   |       | Bracket, Steering Mounting            |
| 25    | 710-3094A   | 4   | /P    | Hex Screw, 3/8-16, 1.00, Gr8          |
| 26    | 710-04321   | 2   |       | Hex Screw, 3/8-16, 1.50, Gr5          |
| 27    | 712-0431    | 6   | S     | Nut, Flange Lock, 3/8-16              |
| 28    | 735-0801    | 1   |       | Grommet, Steering Shaft               |
| 29    | 741-0763    | 1   |       | Bushing, Rubber                       |
| 30    | 631-04008   | 1   | S     | Wheel, Steering                       |
| 31    | 710-1880    | 1   | /P    | Hex Screw, 5/16-18,.75, Gr5, Patch    |
| 32    | 710-3008    | 4   | /P    | Hex Screw, 5/16-18, .75, Gr5          |
| 33    | 711-04231   | 1   |       | Shaft, Steering, 5/8 Spline           |
| 34    | 711-1774    | 1   |       | Collar, .75                           |
| 35    | 712-0130    | 1   | /P    | Nut, Hex Lock Nylon, 3/8-16           |
| 36    | 712-3004A   | 4   | /P    | Nut, Flange Lock, 5/16-18             |
| 37    | 731-04532   | 1   | S     | Cover, Steering Wheel                 |
| 38    | 731-0954    | 1   | S     | Bellow, Steering, 4.75 Lg             |
| 39    | 736-0242    | 1   | /P    | Washer, Bell,.340 x.872 x.060         |
| 40    | 741-04000   | 2   |       | Bearing, Flange,.75 ID, Self-Aligning |
| 41    | 651-04003   | 1   |       | Pump Assembly, Fuel                   |
| 42    | 710-0106    | 2   | /P    | Hex Screw, 1/4-20 x 1.25              |
| 43    | 712-3027    | 2   | S     | Flange Lock Nut, 1/4-20               |
| 44    | 722-0160    | 2   |       | Bushing,.96OD x.50                    |
| 45    | 726-0470    | 1   |       | Cable Tie                             |
| 46    | 751-0535    | 73  |       | Fuel Line Hose                        |
| 47    | 793-00003   | 1   | S     | Fuel Filter                           |
| 48    | 726-0205    | 6   | /P    | Clamp, Hose                           |
| 49    | 710-0347    | 1   | /P    | Hex Screw, 3/8-16 x 1.75, Gr5         |
| 50    | 728-0123    | 4   | S     | Rivet. Pop, .450                      |
| 51    | 736-0356    | 1   | S     | Washer, Bell .39 x 1.38 x .062        |

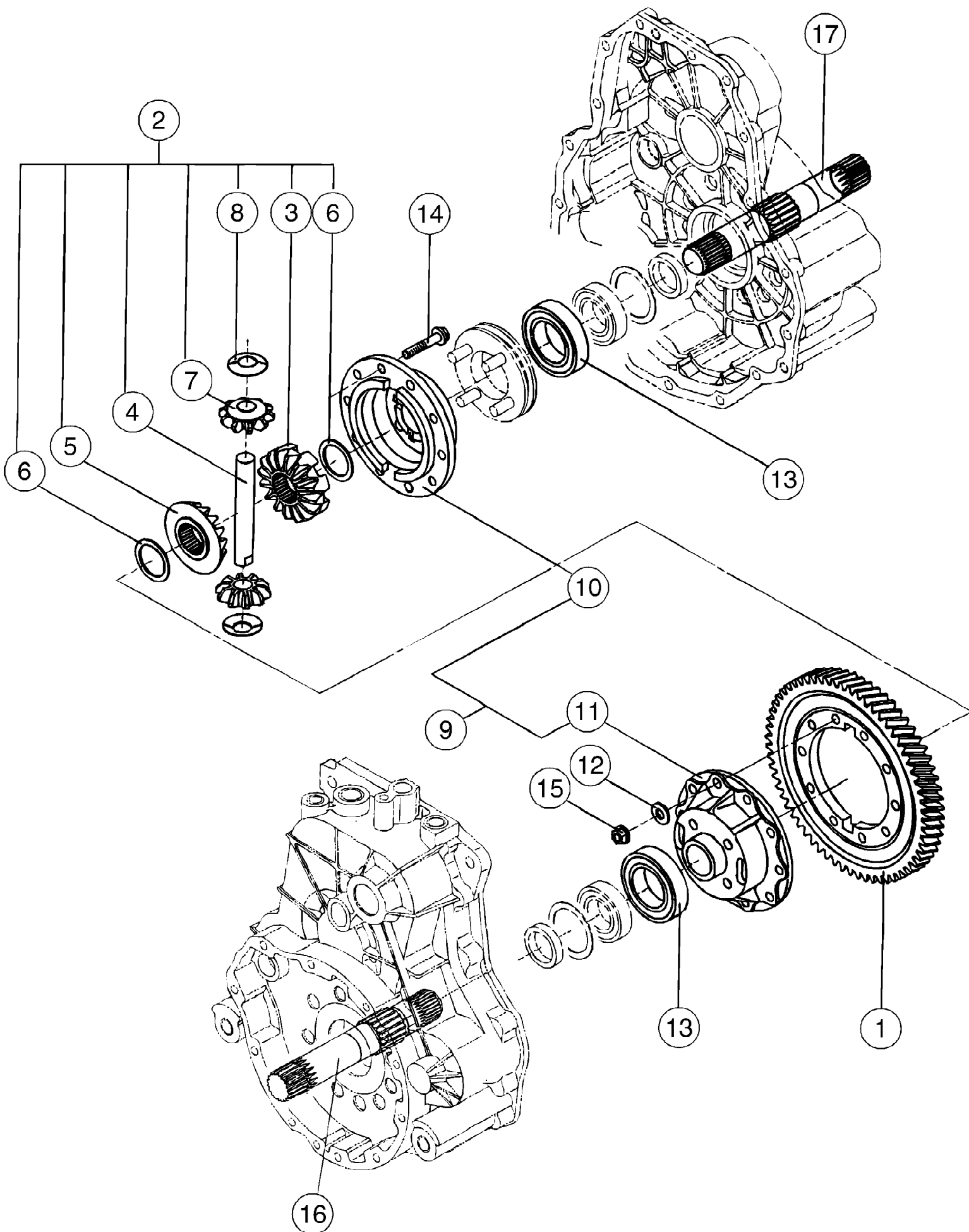




642 6x4 Utility Vehicle (Fire & Rescue) (37AC642E710)  
Transmission - Brake Assembly

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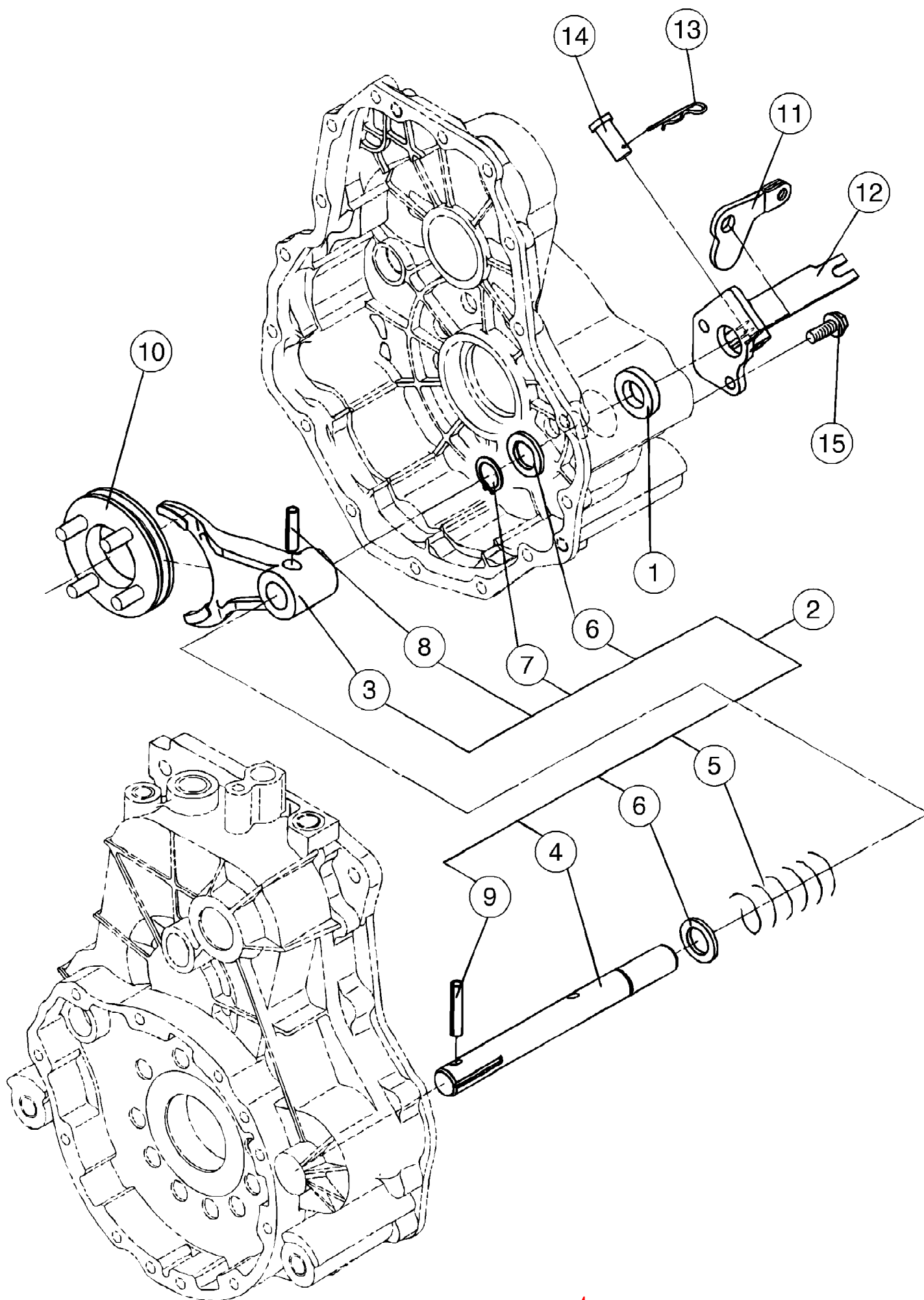
| Ref # | Part Number    | Qty | S/P/F | Description             |
|-------|----------------|-----|-------|-------------------------|
| 1     | TT-19216236300 | 1   |       | Plate Kit               |
| 2     | TT-19216236320 | 6   |       | Steel Plate             |
| 3     | TT-19455536511 | 4   |       | Friction Plate, 175     |
| 4     | TT-19216236310 | 2   |       | Cover, Brake            |
| 5     | TT-19216236330 | 1   |       | Actuator, LH            |
| 6     | TT-19216236340 | 1   |       | Actuator, RH            |
| 7     | TT-19216236400 | 1   |       | Cam Lever Complete, LH  |
| 8     | TT-19216236360 | 1   |       | Cam Lever Shaft         |
| 9     | TT-19216236410 | 1   |       | Cam Lever, Complete, RH |
| 10    | TT-19216236360 | 1   |       | Cam Lever Shaft         |
| 11    | TT-19216236390 | 2   |       | Washer, 42 x 54.6 x 1   |
| 12    | TT-22242000250 | 2   |       | Ring, 25                |
| 13    | TT-22312080160 | 4   |       | Pin, 8 x 16             |
| 14    | TT-24101060064 | 2   |       | Bearing, 6006           |
| 15    | TT-24190160001 | 12  |       | Ball, 1/2               |
| 16    | TT-24311000210 | 2   |       | Packing, P 21           |
| 17    | TT-24421304708 | 2   |       | Seal, TC304708          |
| 18    | TT-26476080302 | 20  |       | Tapping Screw, 8 x 30   |



642 6x4 Utility Vehicle (Fire & Rescue) (37AC642E710)  
Transmission - Differential Gear Assembly

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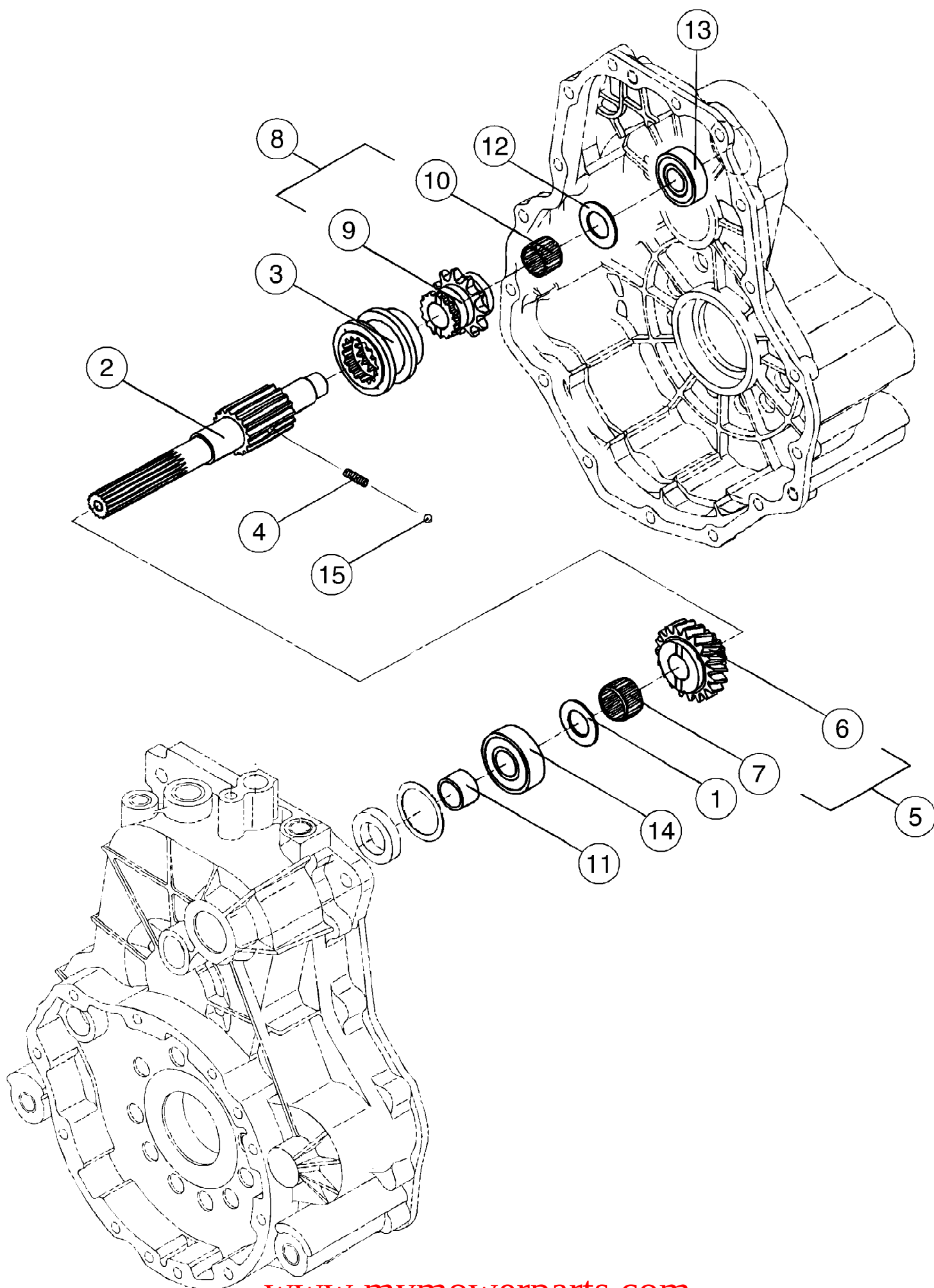
| Ref # | Part Number    | Qty | S/P/F | Description                                                                |
|-------|----------------|-----|-------|----------------------------------------------------------------------------|
| 1     | TT-19216231460 | 1   |       | Gear, 63H, Final                                                           |
| 2     | TT-19216231510 | 1   |       | Differential, Gear Kit (Incl. Ref No. 3-8)                                 |
| 3     | N/A            | 1   |       | Gear (RR, Differential) Furnish<br>TT-19216231510 Differential Lock Kit    |
| 4     | N/A            | 1   |       | Shaft, Differential Pinion Furnish<br>TT-19216231510 Differential Lock Kit |
| 5     | N/A            | 1   |       | Differential Side Gear, RH Furnish<br>TT-19216231510 Differential Lock Kit |
| 6     | TT-19216231610 | 2   |       | Washer, Differential Gear                                                  |
| 7     | N/A            | 2   |       | Pinion, Differential Furnish TT-19216231510<br>Differential Lock Kit       |
| 8     | TT-19451531850 | 2   |       | Washer, Differential Pinion                                                |
| 9     | TT-19216232100 | 1   |       | Differential, Case Kit (Incl. Ref No. 10 & 11)                             |
| 10    | N/A            | 1   |       | Case (R, Differential) Furnish<br>TT-19216233100 Differential Case Kit     |
| 11    | N/A            | 1   |       | Case (L, Differential) Furnish<br>TT-19216233100 Differential Case Kit     |
| 12    | TT-22117080000 | 10  |       | Washer, 8                                                                  |
| 13    | TT-24101060084 | 2   |       | Bearing, 6008                                                              |
| 14    | TT-26106080402 | 10  |       | Bolt, 8 x 40                                                               |
| 15    | TT-26716080002 | 10  |       | Nut, 8                                                                     |
| 16    | TT-19216233612 | 1   |       | Shaft, LH                                                                  |
| 17    | TT-19216233622 | 1   |       | Shaft, RH                                                                  |



642 6x4 Utility Vehicle (Fire & Rescue) (37AC642E710)  
Transmission - Differential Lock Assembly

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| Ref # | Part Number    | Qty | S/P/F | Description                |
|-------|----------------|-----|-------|----------------------------|
| 1     | TT-19423527270 | 1   |       | Seal, TC4 20 35 7          |
| 2     | TT-19216233100 | 1   |       | Differential Lock Kit      |
| 3     | TT-19216233120 | 1   |       | Fork, Differential Lock    |
| 4     | TT-19216233131 | 1   |       | Shaft, Differential Lock   |
| 5     | TT-19430033160 | 1   |       | Spring, Differential Lock  |
| 6     | TT-19430033200 | 2   |       | Spacer, 20 x 32 x 3.2      |
| 7     | TT-22242000200 | 1   |       | Ring, 20                   |
| 8     | TT-22351080032 | 1   |       | Pin, 8.0A x 32             |
| 9     | TT-22351080040 | 1   |       | Pin, 8.0A x 40             |
| 10    | TT-19485433110 | 1   |       | Slider, Differential Lock  |
| 11    | TT-19216233140 | 1   |       | Arm, Differential Lock     |
| 12    | TT-19216233150 | 1   |       | Bracket, Differential Lock |
| 13    | TT-22360120000 | 1   | S     | Pin, 12                    |
| 14    | TT-22487120200 | 1   |       | Pin, 12 x 20               |
| 15    | TT-26476080202 | 2   |       | Tapping Screw, 8 x 20      |

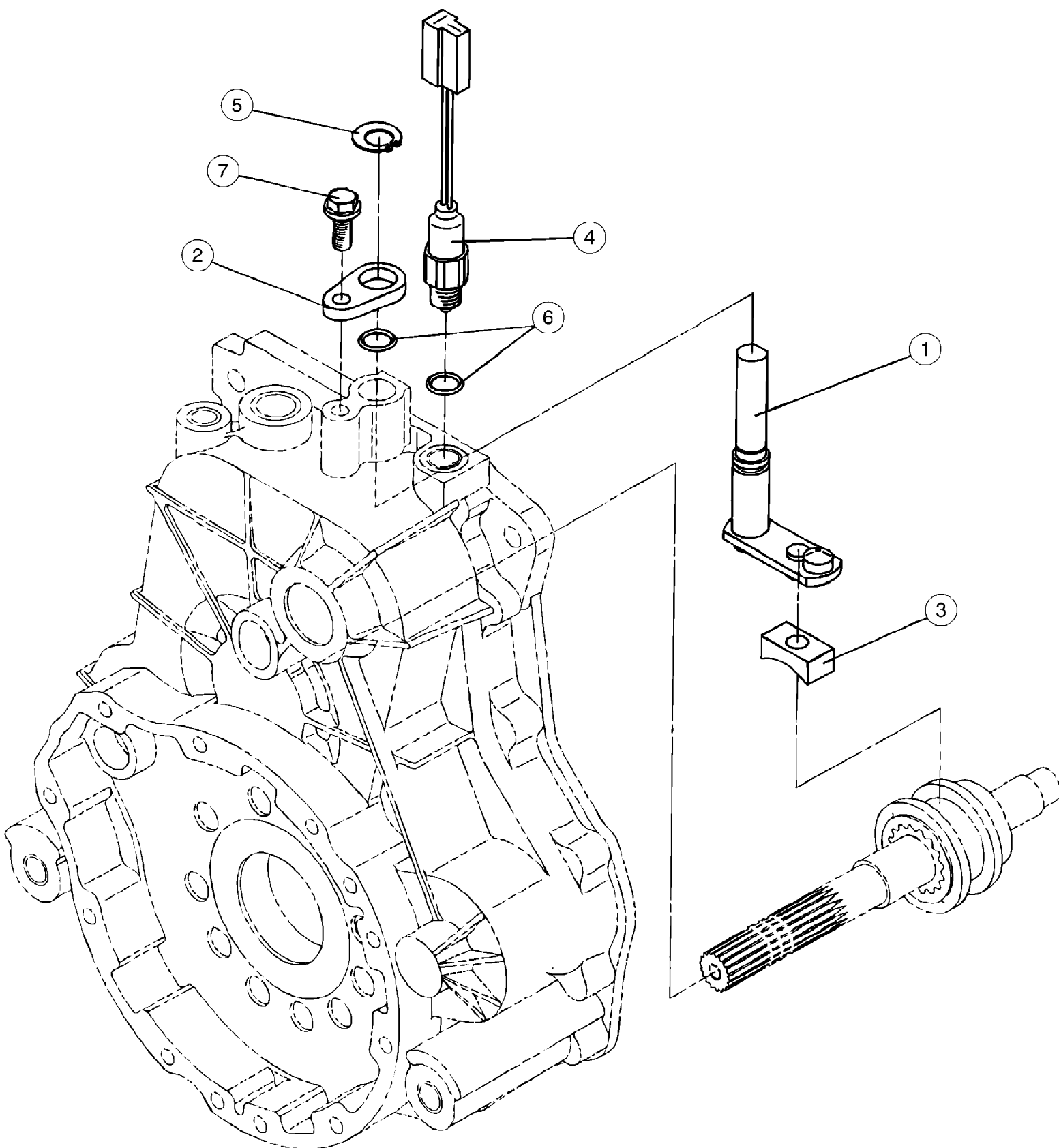


642 6x4 Utility Vehicle (Fire & Rescue) (37AC642E710)  
Transmission - Input Shaft Assembly

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| Ref # | Part Number    | Qty | S/P/F | Description  |
|-------|----------------|-----|-------|--------------|
| 1     | TT-19216224680 | 1   |       | Washer       |
| 2     | TT-19216225212 | 1   |       | Shaft-Input  |
| 3     | TT-19216225341 | 1   | S     | Shifter      |
| 4     | TT-19216225250 | 1   |       | Spring 29.5  |
| 5     | TT-19216225371 | 1   | S     | Gear Asm     |
| 6     |                | 1   |       | Use Ref #5   |
| 7     |                | 1   |       | Use Ref #5   |
| 8     | TT-19216225281 | 1   | S     | Sprocket Asm |
| 9     |                | 1   |       | Use Ref #8   |
| 10    |                | 2   |       | Use Ref #8   |
| 11    | TT-19216225290 | 1   |       | Sleeve       |
| 12    | TT-1E619054160 | 1   |       | Washer       |
| 13    | TT-24101062034 | 1   |       | Bearing      |
| 14    | TT-19215931410 | 1   |       | Bearing      |
| 15    | TT-24190080001 | 2   |       | Ball, 1/4    |

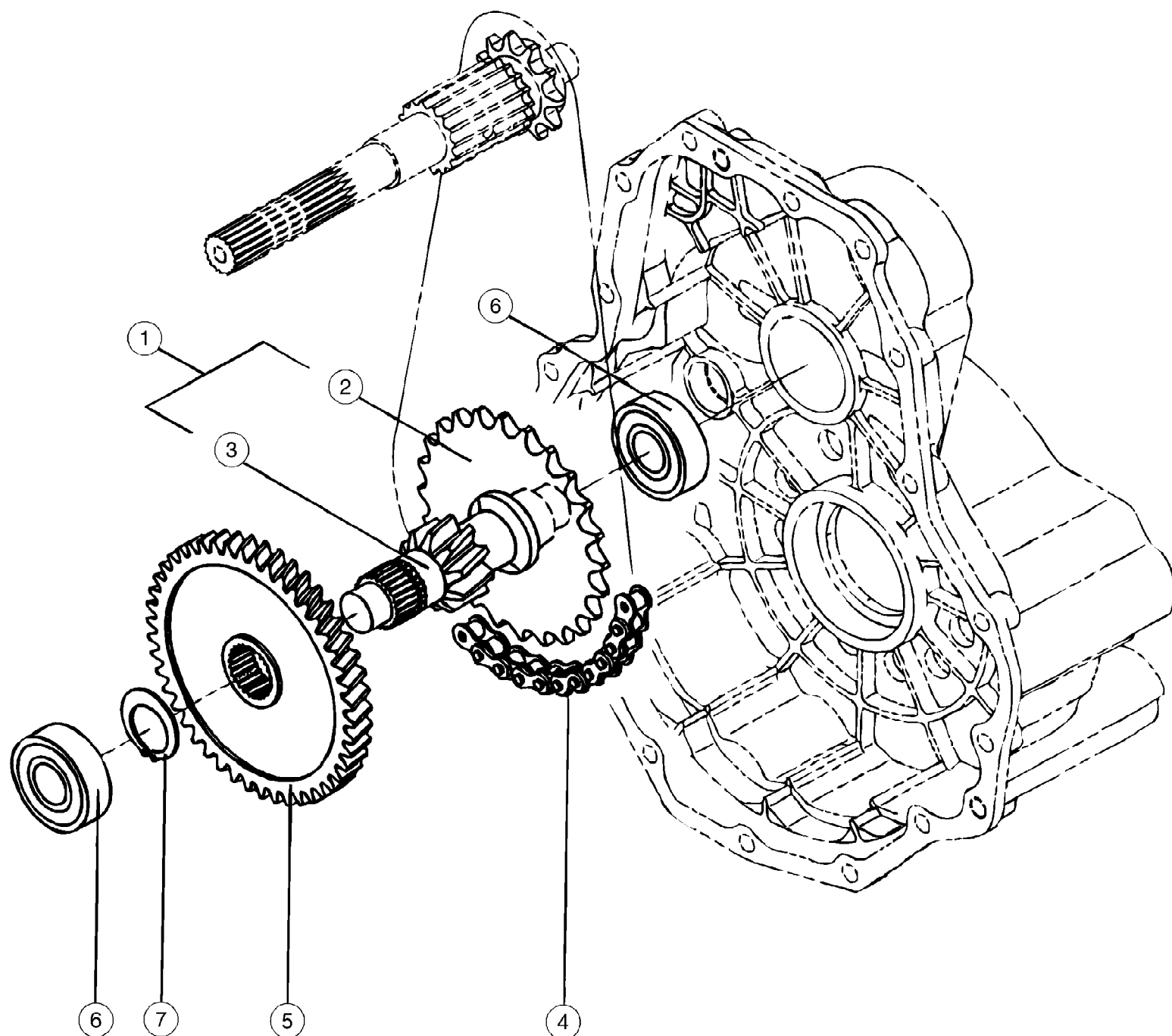




642 6x4 Utility Vehicle (Fire & Rescue) (37AC642E710)  
Transmission - Range Shift Assembly

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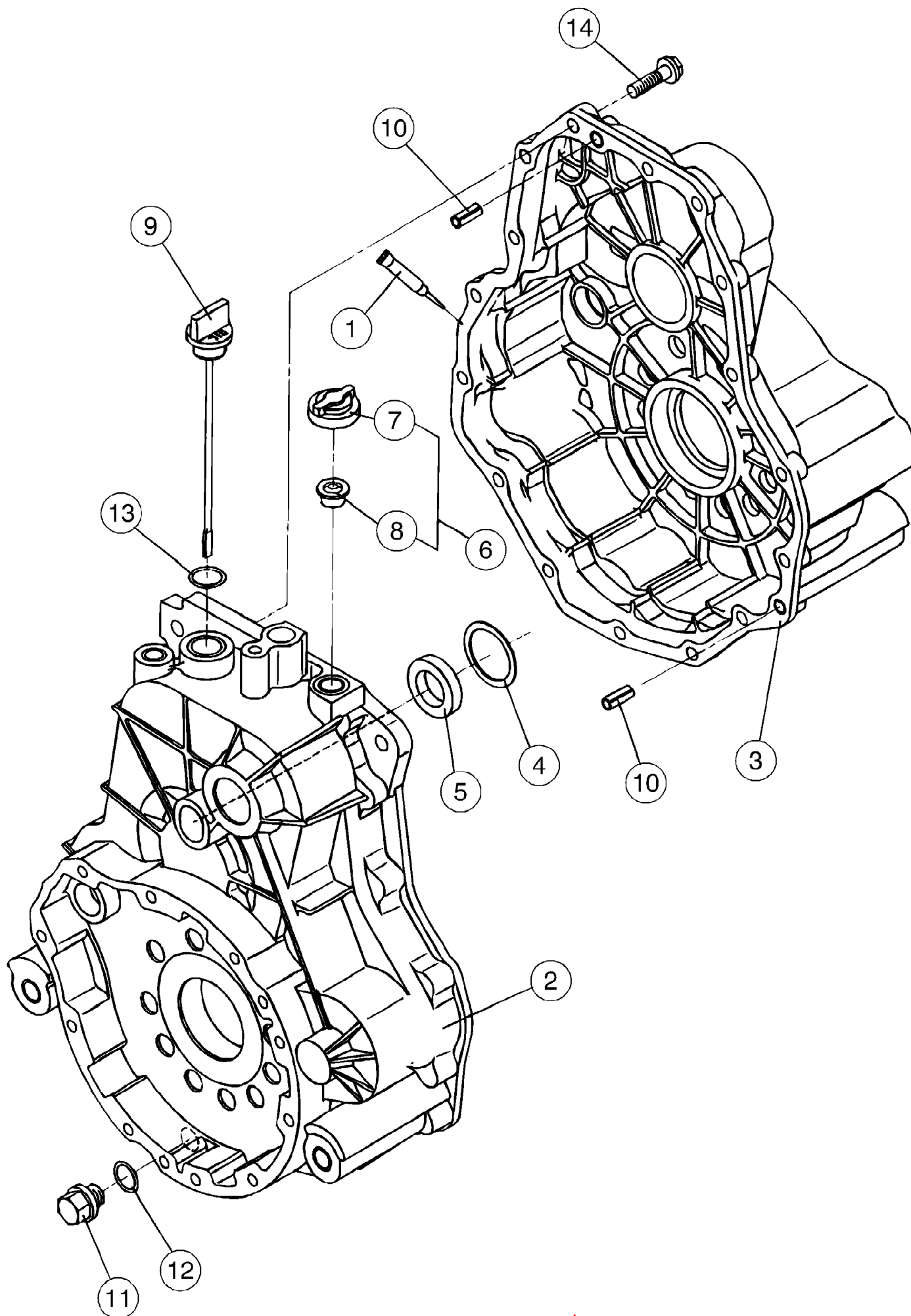
| Ref # | Part Number    | Qty | S/P/F | Description           |
|-------|----------------|-----|-------|-----------------------|
| 1     | TT-19216227111 | 1   |       | Arm, Shift            |
| 2     | TT-19216227680 | 1   |       | Plate                 |
| 3     | TT-19216228300 | 1   |       | Block, Shift          |
| 4     | TT-19485552111 | 1   |       | Switch                |
| 5     | TT-22242000140 | 1   |       | Ring, 14              |
| 6     | TT-24311000125 | 2   |       | Packing, P 12.5       |
| 7     | TT-26476080202 | 1   |       | Tapping Screw, 8 x 20 |



642 6x4 Utility Vehicle (Fire & Rescue) (37AC642E710)  
Transmission - Reduction Assembly

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| Ref # | Part Number    | Qty | S/P/F | Description              |
|-------|----------------|-----|-------|--------------------------|
| 1     | TT-19216225460 | 1   |       | Reduction Shaft Assembly |
| 2     | TT-19216225420 | 1   |       | Sprocket, 27             |
| 3     | TT-19216225480 | 1   |       | Shaft, Reduction         |
| 4     | TT-19485525460 | 1   |       | Chain, 40 x 34           |
| 5     | TT-19216224190 | 1   |       | Gear, 46H, Reduction     |
| 6     | TT-19215931410 | 2   |       | Bearing, 6204R, SH2      |
| 7     | TT-22242000260 | 1   |       | Ring, 26                 |



642 6x4 Utility Vehicle (Fire & Rescue) (37AC642E710)  
Transmission - Transaxle Case Assembly

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| Ref # | Part Number    | Qty | S/P/F | Description                        |
|-------|----------------|-----|-------|------------------------------------|
| 1     | TT-19485524020 | 1   |       | Sealant                            |
| 2     | TT-19216224111 | 1   |       | Housing, Transaxle, Left           |
| 3     | TT-19216224121 | 1   |       | Housing, Transaxle, Right          |
| 4     | TT-19485524150 | 1   |       | Washer, 36 x 45.5 x 1.2            |
| 5     | TT-19216224190 | 1   |       | Seal, TC 30 40 8                   |
| 6     | TT-168T2024250 | 1   | /P    | Vent Valve replaces TT-19485924252 |
| 7     | TT-19485924262 | 1   |       | Cap, Vent Valve                    |
| 8     | TT-19485924270 | 1   |       | Body, Vent Valve                   |
| 9     | TT-19216224291 | 1   |       | Cap, Oil                           |
| 10    | TT-22351080020 | 2   |       | Pin, 8 x 20                        |
| 11    | TT-23491140002 | 1   |       | Plug, 14                           |
| 12    | TT-24311000160 | 1   |       | Packing, P 16                      |
| 13    | TT-24311000180 | 1   |       | Packing, P 18                      |
| 14    | TT-19216224160 | 16  |       | Bolt, 28 x 10 x 9                  |