

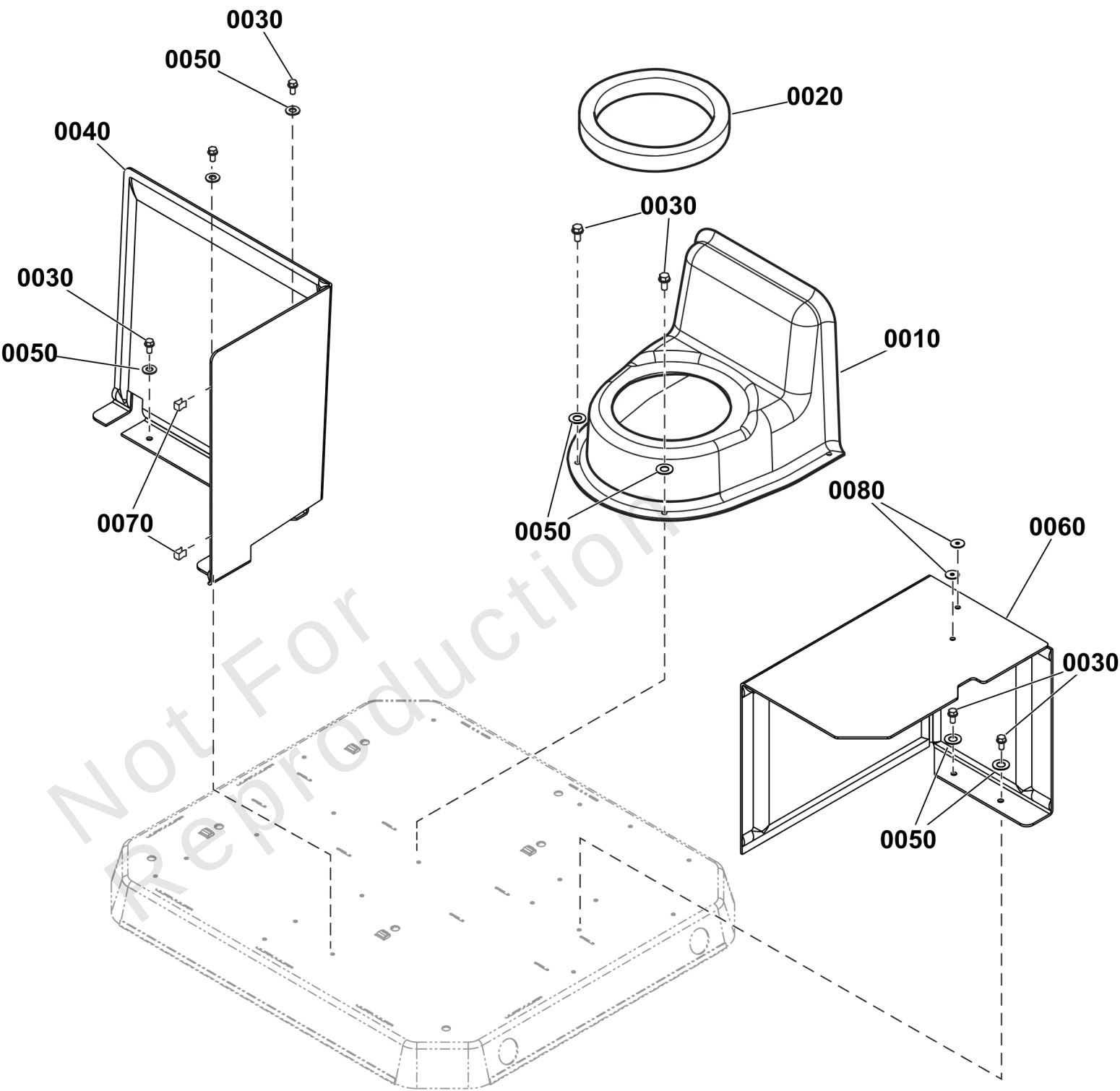


# Parts Manual

Mfg. No: 040743-00  
13,000 Watt Standby Generator With 200  
Amp ATS and Symphony Choice Power  
Management



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*Air Handling Group*

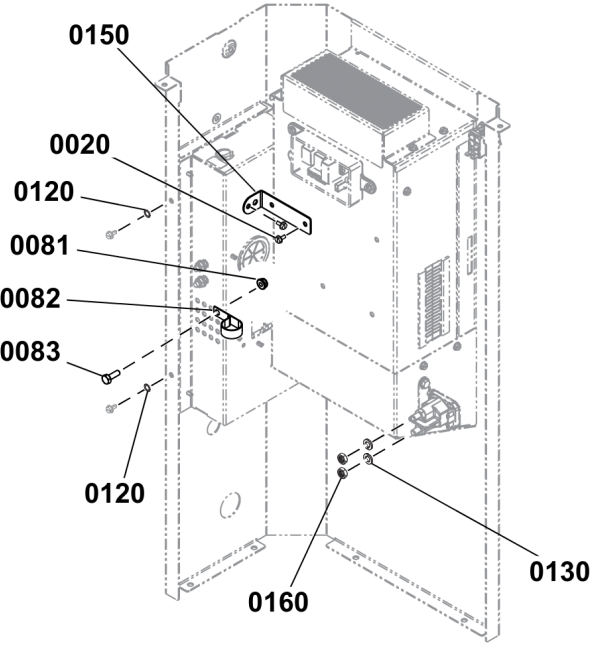
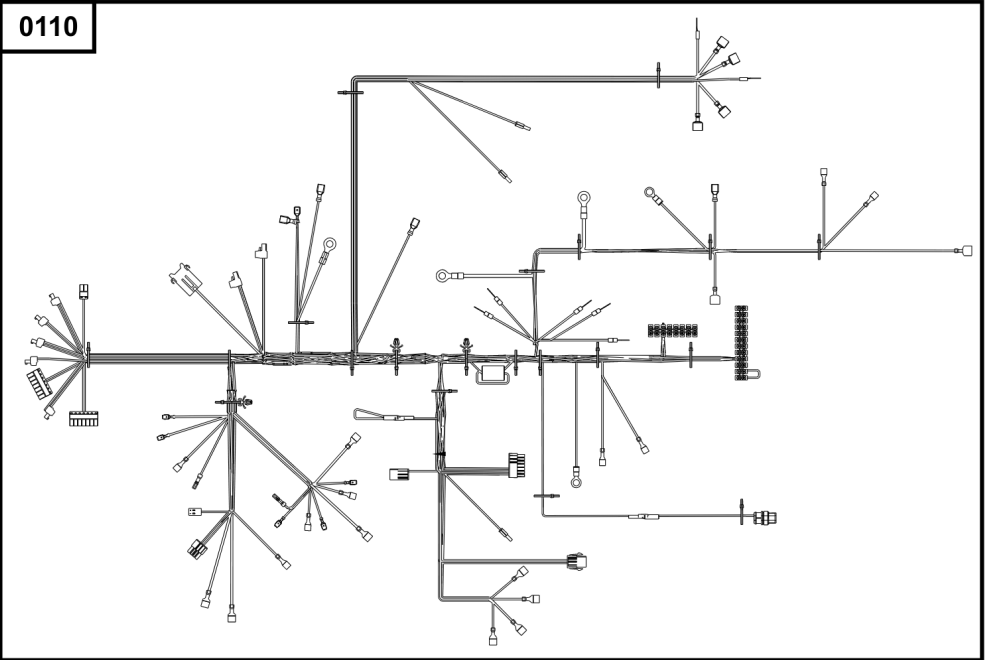
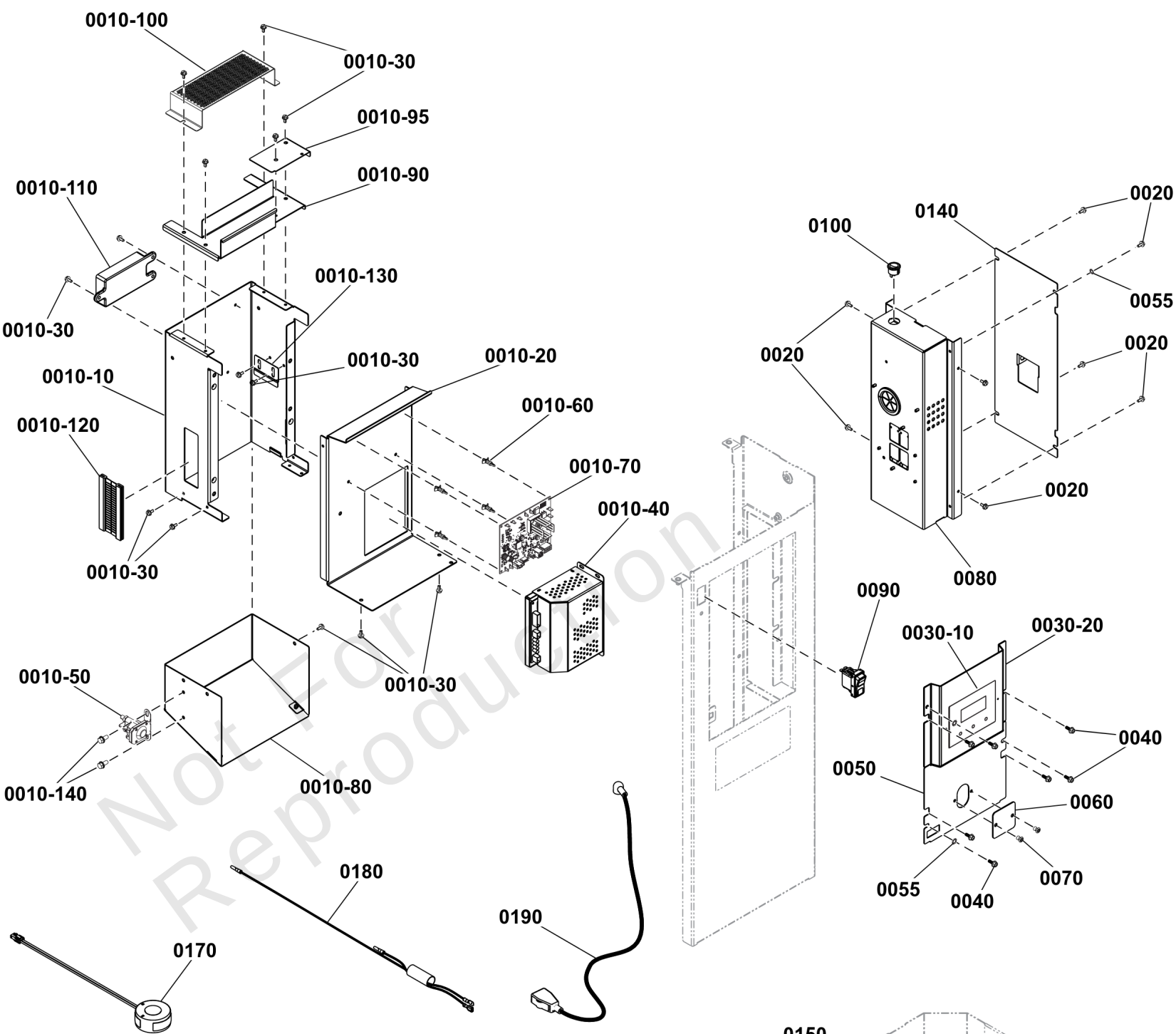
| REF NO | PART NO  | QTY | DESCRIPTION                                   |
|--------|----------|-----|-----------------------------------------------|
| 0010   | 706925   | 1   | DUCT                                          |
| 0020   | 706927   | 1   | SEAL                                          |
| 0030   | 704130   | 9   | SCREW, HEX, 1/4-20X.5                         |
| 0040   | -----    | 1   | PANEL, Duct, Exhaust                          |
| 0050   | 703350   | 9   | WASHER                                        |
| 0060   | -----    | 1   | PANEL, Box, Battery                           |
| 0070   | 314661GS | 2   | CLIP                                          |
| 0080   | -----    | 2   | WASHER, Flat, #10, Fender<br>-(*See footnote) |

Not For  
Reproduction

Control Panel Group

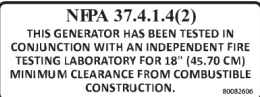
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 040743-00



## Control Panel Group

| REF NO   | PART NO     | QTY | DESCRIPTION                       |
|----------|-------------|-----|-----------------------------------|
| 0010-10  | -----       | 1   | BOX, Control                      |
| 0010-20  | -----       | 1   | DEFLECTOR                         |
| 0010-30  | 194561GS    | 16  | HHS, Trilobular, #10-32 x 3/8     |
| 0010-40  | 772376      | 1   | CHARGER, Battery                  |
| 0010-50  | 1755381YP   | 1   | SOLENOID, L-BRACKET               |
| 0010-60  | 772379      | 4   | SUPPORT, Circuit Board            |
| 0010-70  | 84010843    | 1   | ASSEMBLY, AVR                     |
| 0010-80  | -----       | 1   | BOX, Air Duct, Controller         |
| 0010-90  | -----       | 1   | PANEL                             |
| 0010-95  | -----       | 1   | PLATE                             |
| 0010-100 | -----       | 1   | DUCT, Control Box                 |
| 0010-110 | 84010844    | 1   | ASSEMBLY, Relay                   |
| 0010-120 | -----       | 2   | GROMMET                           |
| 0010-130 | -----       | 1   | BRACKET                           |
| 0010-140 | 704130      | 2   | SCREW, HEX, 1/4-20X.5             |
| 0020     | 194561GS    | 10  | HHS, Trilobular, #10-32 x 3/8     |
| 0030-10  | 84007051    | 1   | CONTROLLER                        |
| 0030-20  | -----       | 1   | COVER                             |
| 0040     | -----       | 7   | SCREW                             |
| 0050     | -----       | 1   | COVER                             |
| 0055     | 23762GS     | 3   | WASHER                            |
| 0060     | -----       | 1   | COVER                             |
| 0070     | -----       | 2   | RIVET, Blind, 1/8 X 5/16          |
| 0080     | -----       | 1   | ASSEMBLY, Field Wire Box          |
| 0081     | 5025391SM   | 1   | NUT, Hex Nylock, Flange, 1/4-20   |
| 0082     | 192669GS    | 1   | Clamp, Hose, "J"                  |
| 0083     | 5025010X6SM | 1   | BOLT, 1/4-20 X 3/4" G             |
| 0090     | 84010845    | 1   | SWITCH, Rocker                    |
| 0100     | 315551GS    | 1   | SWITCH, Rocker                    |
| 0110     | 84010846    | 1   | HARNESS                           |
| 0120     | 26850GS     | 2   | WASHER, Ext. M6 - 1/4" Shakeproof |
| 0130     | 22129GS     | 2   | WASHER, Lock                      |
| 0140     | 84010848    | 1   | COVER                             |
| 0150     | 84010847    | 1   | BRACKET                           |
| 0160     | 703331      | 2   | NUT, 5/16-24                      |
| 0170     | 772339      | 2   | TRANSFORMER, Current, 150:5       |
| 0180     | 84004583    | 1   | HARNESS                           |
| 0190     | 84010849    | 1   | HARNESS, Battery                  |



**CAUTION**  
**MISE EN GARDE**  
**PRECAUCION**

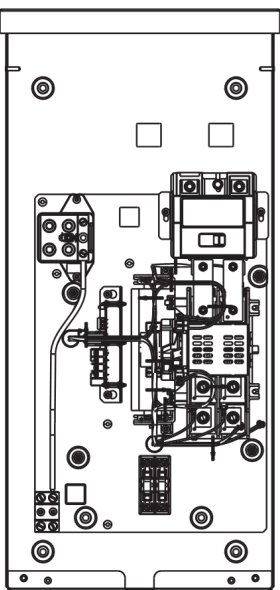
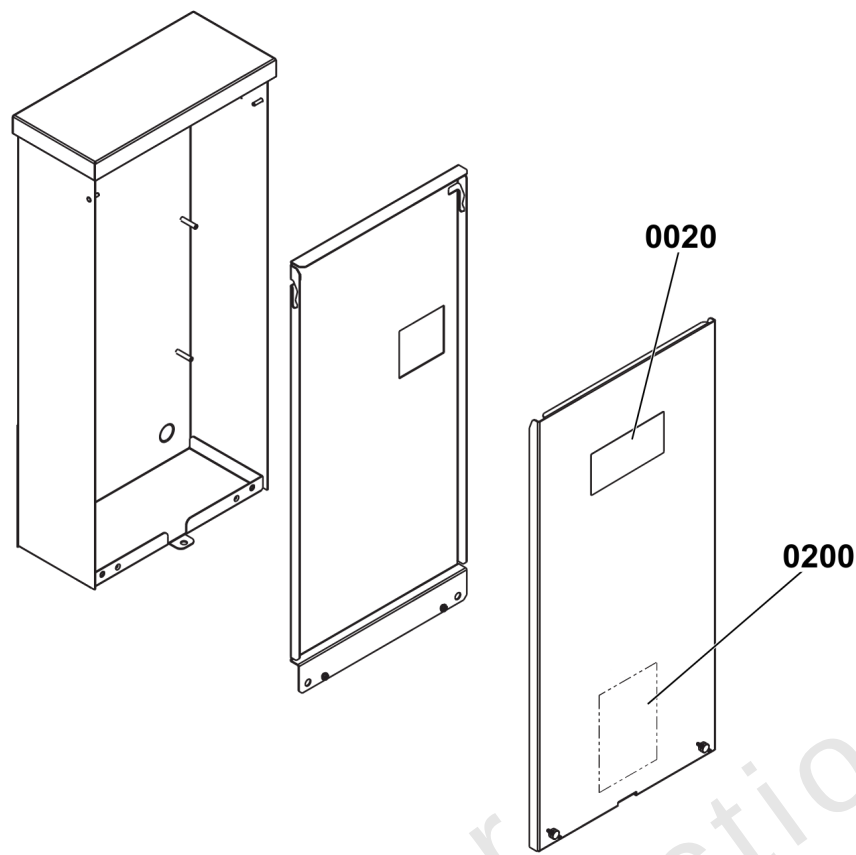
Connect output of generator to suitably rated transfer switch in accordance with the Canadian Electrical Code, Part 1.

Branchez la sortie de la génératrice à un commutateur convertisseur de classification convenable, selon le Code canadien de l'électricité, partie 1.

Conecte la salida del generador a un interruptor de transferencia de la capacidad adecuada de acuerdo con el Código Eléctrico Canadiense, Parte 1.

## Decals Group

| REF NO   | PART NO  | QTY | DESCRIPTION                                                      |
|----------|----------|-----|------------------------------------------------------------------|
| 0030     | 84010842 | 1   | DECAL, Warning, Sheet<br>-(Includes items 0030-10 thru 0030-340) |
| 0030-10  | -----    | 1   | DECAL-WARNING, SHOCK                                             |
| 0030-30  | -----    | 1   | DECAL-WARNING, FUSE                                              |
| 0030-40  | -----    | 2   | DECAL-WARNING, HOT SURFACE                                       |
| 0030-50  | -----    | 1   | DECAL, Warning, Manual                                           |
| 0030-70  | -----    | 1   | DECAL-RAINPROOF ENCLOSURE                                        |
| 0030-80  | -----    | 2   | DECAL-DISCONNECT                                                 |
| 0030-120 | -----    | 1   | DECAL, External Power Switch                                     |
| 0030-130 | -----    | 1   | DECAL, Neutral                                                   |
| 0030-140 | -----    | 1   | DECAL, L1/L2                                                     |
| 0030-150 | -----    | 1   | DECAL, Ground                                                    |
| 0030-160 | -----    | 1   | DECAL, Warning                                                   |
| 0030-200 | -----    | 1   | DECAL, FCC, ICES-3                                               |
| 0030-210 | -----    | 1   | DECAL, MOR, AUBURN                                               |
| 0030-220 | -----    | 1   | DECAL, Fuel Selection                                            |
| 0030-240 | -----    | 1   | DECAL, Notice Fuel Requirements                                  |
| 0030-280 | -----    | 1   | DECAL, Warning, Battery                                          |
| 0030-290 | -----    | 1   | DECAL, Warning, Exhaust                                          |
| 0030-300 | -----    | 1   | DECAL, Warning, Auto Start                                       |
| 0030-320 | -----    | 1   | DECAL, Terminal Strip                                            |
| 0030-330 | -----    | 1   | DECAL, Terminal Strip                                            |
| 0030-340 | -----    | 1   | DECAL, Emergency Shutdown                                        |
| 0040-130 | -----    | 1   | DECAL                                                            |
| 0040-170 | -----    | 1   | DECAL                                                            |
| 0045     | -----    | 1   | DECAL                                                            |
| 0050-10  | -----    | 1   | DECAL, Clearance From Combustible Construction                   |



0020

Briggs & Stratton Corporation  
SERVICE DISCONNECT SWITCH AND AUTOMATIC TRANSFER SWITCH

RATED VOLTAGE 240 VAC DATE OF MANUFACTURE  
RATED CURRENT 200 AMP

THESE DEVICES ARE INTENDED FOR USE ON A 120/240 VAC SINGLE PHASE, THREE WIRE SYSTEM.  
THIS TRANSFER SWITCH IS SUITABLE FOR USE IN A CIRCUIT CAPABLE OF DELIVERING  
SHORT CIRCUIT CURRENT, UTILITY SIDE 20KAC AND GENERATOR SIDE 15KAC AT 240VAC.

**AUTOMATIC TRANSFER SWITCH FOR USE ON STANDBY SYSTEMS**  
Suitable for control of motors, electric discharge lamps, tungsten filament lamps, and electrical heating  
equipment with the sum of the motor full load ampere ratings and the ampere rating of other loads does not  
exceed the rating of the switch, and the tungsten load does not exceed 30 percent of the switch rating.

**AUTOMATIC SEQUENCE**  
UTILITY FAIL - Utility voltage sensor senses when utility voltage is below 70% of nominal.  
Engine start sequence is initiated after 6 second time delay.  
ENGINE WARM-UP - Time delay to allow engine warm-up before transfer fixed at  
20 seconds or 50 seconds with optional cold weather package.  
TRANSFER - Transfer from utility to standby supply occurs after standby voltage is  
above set levels. Minimum engine run time is 4 minutes after transfer.  
UTILITY PICKUP - Voltage pickup level is 80% of nominal voltage.  
RETRANSFER - Retransfer from generator utility supply 10 seconds after utility  
voltage is above pickup level.  
ENGINE COOL DOWN - Engine will run for 60 seconds after retransfer.

Testing of Automatic Transfer Switch - Turn the service disconnect switch to  
the "OFF" position. The automatic sequence will follow. To go back to utility power,  
turn the service disconnect to the "ON" position.

ON THE GENERATOR SIDE, THIS TRANSFER SWITCH IS SUITABLE FOR USE IN A CIRCUIT CAPABLE OF DELIVERING THE SHORT  
CIRCUIT CURRENT OF 15KA AT 240VAC WHEN PROTECTED BY A BREAKER WITH A MAXIMUM CLEARING TIME OF 0.025 SECS.

Suitable for use as service equipment- NORMAL source only. An additional  
disconnect must be readily available for the alternate source, unless the alternate  
source is an accessible generator and can be readily shutdown.

Consult Jemars Manuals for explanation of  
Transfer System operation and features.  
Enclosure is type NEMA 3R, suitable for  
indoor and outdoor installation.  
Wiring to generator must be  
enclosed in conduit.  
Connect utility and standby  
generator supply as shown

Connector tightening torques shall be as follows:

|           | LB IN. | LB IN.     |
|-----------|--------|------------|
| UTILITY   | 250    | 50         |
| GENERATOR | 250    | GROUND     |
| NEUTRAL   | 250    | CONTROL    |
|           |        | FUSEBLOCKS |
|           |        | 12         |
|           |        | 12         |

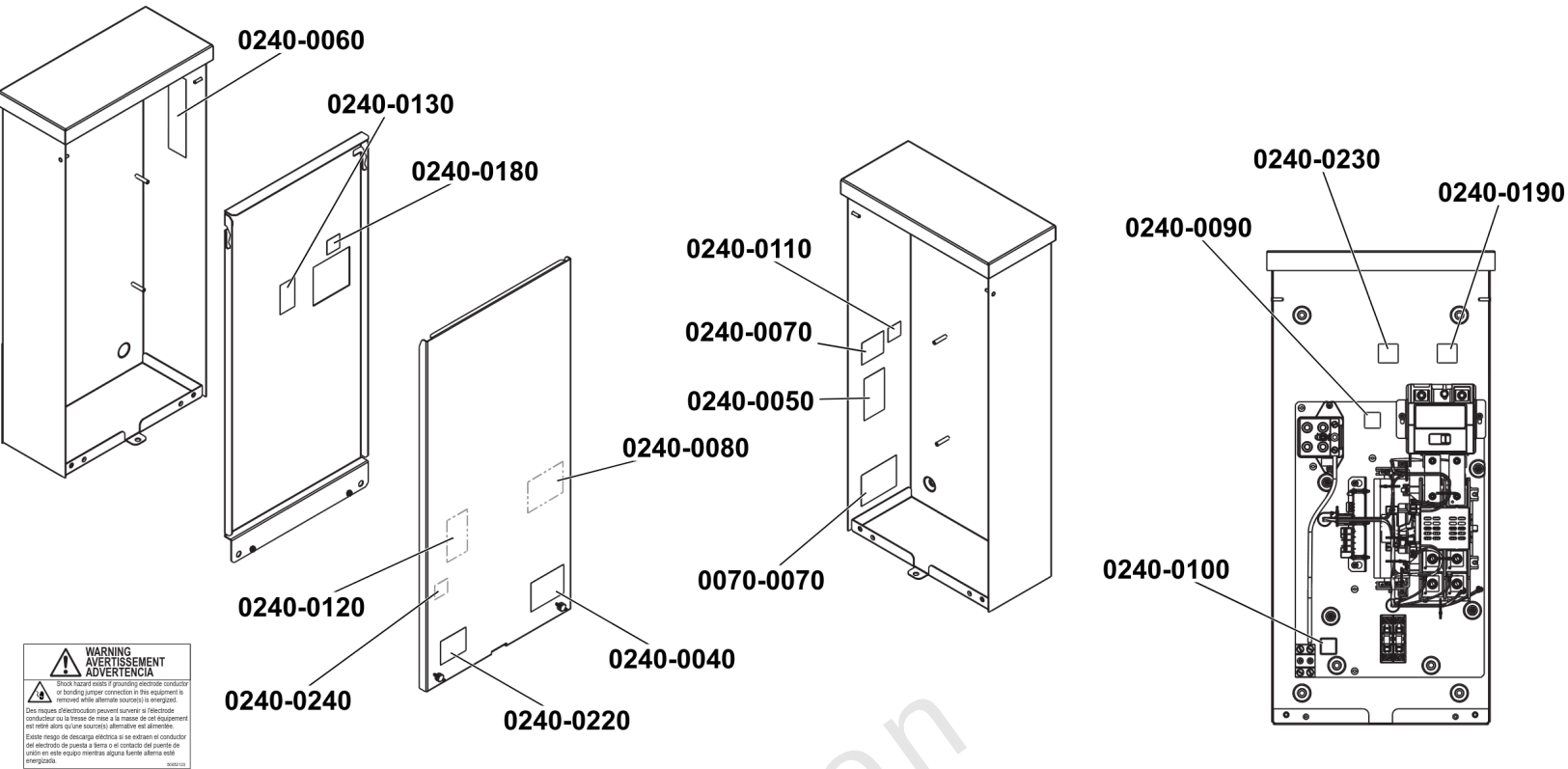
Use oxide inhibitor on all aluminum terminations. All terminal  
and bus lugs are suitable for copper or aluminum wire of 60/75 °C rating. 80085406

0200

***Decals Group - ATS Informational***

| REF NO | PART NO  | QTY | DESCRIPTION                  |
|--------|----------|-----|------------------------------|
| 0020   | -----    | 1   | DECAL, Logo                  |
| 0200   | 84004859 | 1   | DECAL, Transfer Switch, 200A |

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0070-0070

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| <b>0240</b><br>Suitable for use as service equipment in Canada<br>Peut être utilisé comme équipement de réparation au Canada<br>Adecuado para uso como equipo de servicio en Canadá.<br>800116032                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>NOTICE AVIS AVISO</b><br>A-A Terminals rated 1 AMP, 24 Volt AC<br>B-B Terminals rated 1 AMP, 120 Volt AC<br>Pilot duty.<br>Bornes A-A pour une tension nominale de 1 A, 24 V c.a.<br>Bornes B-B pour une tension de 1 A, 120 V c.a.<br>Service du pilote.<br>Terminales calibrados A-A 1 Amperio, 24 Voltios CA<br>Terminales calibrados B-B 1 Amperio, 120 Voltios CA<br>Relé auxiliaire.<br>800116034                                                                                                                                                                                                                                | Continuous load current not to exceed 80% of circuit breaker rating<br>Le courant de charge en continu ne dépasse pas 80% du courant nominal du disjoncteur<br>La carga de corriente permanente no debe exceder el 80% del calibre del interruptor<br>800116037                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | When protected by one of the type circuit breakers described below, rated not more than 125 amperes, this transfer switch is rated for use on a circuit capable of delivering not more than 22,000ms symmetrical, 240volts max.<br>Lorsqu'il est protégé par l'un des types de disjoncteurs de circuit décrits ci-dessous, avec une valeur nominale ne dépassant pas 125 A cet interrupteur de transfert est coté pour une utilisation sur un circuit capable de fournir au maximum un courant de 22 000 RMS symétrique, avec un voltage de 240V maximum.<br>Quando se proteger com um dos tipos de disjuntores que se descrevem a continuação, com um calibre não maior a 125 ampères, este interruptor de transferência está calificado para ser usado em um circuito capaz de suministrar no máximo de 22,000ms simétricos, máximo 240 volts.<br>Cutler-Hammer Type QCHW<br>Cutler-Hammer Type GB, GHB, GC, GHC<br>Cutler-Hammer Type FD, CD, HFD<br>Square D Type ODM1, ODM2, ODMH, ODM2/H<br>Square D Type Q2-H, Q2H, QDL<br>GE Type THQB, THQCTH, THQCTH, THQCTH, THQCTH, THQCTH, THQCTH, THQCTH, THQCTH<br>Siemens Type HED4<br>800116105 | Utility Disconnect<br>Fonctionnalité Débrancher<br>Utilidad Desconectar<br>800116105                             |
| <b>0240-0010</b><br><b>WARNING AVERTISSEMENT ADVERTENCIA</b><br>Risk of electric shock, do not remove cover. No user serviceable parts inside. Refer servicing to qualified service personnel.<br>Risque de décharge électrique. Ne pas retirer le couvercle. Aucune pièce à entretenir par l'utilisateur à l'intérieur. Confier l'entretien à du personnel de service qualifié.<br>Riesgo de descarga eléctrica, no quite la cubierta. No hay partes que puedan ser reparadas por el usuario en el interior. Haga que personal calificado realice el servicio.<br>800116104                                                                                                                                                                                                                                                         | <b>NOTICE AVIS AVISO</b><br>Wire all Class 2 circuits using types CL3, CL3P, CL3R or equivalent conductors.<br>OR<br>Wire all circuits as Class 1 or Electric Light and Power circuits.<br>Lier tous les circuits électrique de Classe 2 en utilisant des conducteurs CL3, CL3P, CL3R ou équivalent.<br>OU<br>Lier tous les circuits électriques en tant que Classe 1 ou comme lumière électrique ou circuits d'alimentation.<br>Conecte todos los circuitos de clase 2 al usar conductores de tipo CL3, CL3P, CL3R o equivalentes.<br>O<br>Conecte todos los circuitos como clase 1 o luz eléctrica y circuitos de energía.<br>800116095 | <b>0240-0080</b><br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>0240-0090</b><br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Utility 240 VAC<br>Fonctionnalité 240 V CA<br>Utilidad 240 VAC<br>800116093                                      |
| <b>0240-0020</b><br><b>WARNING AVERTISSEMENT ADVERTENCIA</b><br>Electric shock hazard could result in death or serious injury. Do not install or remove current transformer when generator is operating. Place generator in off position and remove controller fuse before servicing.<br>Risque de choc électrique pouvant provoquer des blessures graves, voire la mort. Ne pas installer ou retirer le transformateur de courant lorsque la génératrice est en fonction. Placez la génératrice à la position d'arrêt et retirez le fusible de contrôle avant tout entretien.<br>Riesgo de descarga eléctrica que puede resultar en muerte o lesión seria. No instale ni retire el transformador cuando el generador está en funcionamiento. Apague el generador y retire el fusible del controlador antes de reparar.<br>800115809 | <b>NOTICE AVIS AVISO</b><br>Replace with UL listed fuse of same type and rating 600 volt, 10 amp<br>Remplacez avec un fusible homologué UL de même type et classification de 600 volts, 10 amp.<br>Reemplace con un fusible certificado por UL del mismo tipo y clasificación: 600 voltios, 10 amperios<br>800115810                                                                                                                                                                                                                                                                                                                      | <b>0240-0100</b><br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>0240-0110</b><br>Suitable for use as service equipment except in Canada<br>Peut être utilisé comme équipement de réparation à l'exception du Canada<br>Adecuado para uso como equipo de servicio excepto en Canadá<br>800116100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Generator Service Disconnect<br>Génératrice Réparation Débrancher<br>Generador Servicio Desconectar<br>800116099 |
| <b>0240-0030</b><br><b>WARNING AVERTISSEMENT ADVERTENCIA</b><br>Electric shock hazard could result in death or serious injury. More than one live circuit - disconnect all sources of supply before servicing.<br>Risque de choc électrique pouvant provoquer des blessures graves, voire la mort. Plus d'un circuit sous tension - débrancher toutes les sources d'alimentation avant d'entreprendre le dépannage.<br>Riesgo de descarga eléctrica que puede resultar en muerte o lesión seria. Más de un circuito vivo - desconecte todas las fuentes de suministro antes de servicio.<br>800896950                                                                                                                                                                                                                                | <b>0240-0060</b><br>Reinstall Barrier After Service or Maintenance<br>Réinstaller la barrière Après la réparation ou l'entretien<br>Reinstalar barreras Después del servicio o Mantenimiento<br>800116101                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>0240-0120</b><br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>0240-0130</b><br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Generator Disconnect<br>Génératrice Réparation Débrancher<br>Generador Servicio Desconectar<br>800116103         |
| <b>0240-0040</b><br><b>WARNING AVERTISSEMENT ADVERTENCIA</b><br>Electric shock hazard could result in death or serious injury. More than one live circuit - disconnect all sources of supply before servicing.<br>Risque de choc électrique pouvant provoquer des blessures graves, voire la mort. Plus d'un circuit sous tension - débrancher toutes les sources d'alimentation avant d'entreprendre le dépannage.<br>Riesgo de descarga eléctrica que puede resultar en muerte o lesión seria. Más de un circuito vivo - desconecte todas las fuentes de suministro antes de servicio.<br>800896950                                                                                                                                                                                                                                | <b>0240-0070</b><br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>0240-0140</b><br>When protected by one of the type circuit breakers described below, rated not more than 250 amperes, this transfer switch is rated for use on a circuit capable of delivering not more than 25,000ms symmetrical, 240volts max.<br>Lorsqu'il est protégé par l'un des types de disjoncteurs de circuit décrits ci-dessous, avec une valeur nominale ne dépassant pas 250 A cet interrupteur de transfert est coté pour une utilisation sur un circuit capable de fournir au maximum un courant de 25 000 RMS symétrique, avec un voltage de 240V maximum.<br>Quando se proteger com um dos tipos de disjuntores que se descrevem a continuação, com um calibre não maior a 250 ampères, este interruptor de transferência está calificado para ser usado em um circuito capaz de suministrar no máximo de 25,000ms simétricos, máximo 240 volts.<br>Cutler-Hammer Type BWH, CSR, Cutler-Hammer Type FD, HFD<br>Cutler-Hammer Type JTB, JD, HJD<br>Square D Type QDM2, QDM2H<br>Square D Type QOM2, QOM2H<br>Square D Type Q2-H, Q2H, QDL<br>GE Type THQD, THQDL<br>GE Type SF, TFI, TFK<br>800116034 | <b>0240-0150</b><br>Generator Service Disconnect<br>Génératrice Réparation Débrancher<br>Generador Servicio Desconectar<br>800116099                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Generator Disconnect<br>Génératrice Réparation Débrancher<br>Generador Servicio Desconectar<br>800116103         |
| <b>0240-0050</b><br><b>WARNING AVERTISSEMENT ADVERTENCIA</b><br>Electric shock hazard could result in death or serious injury. Do not install or remove current transformer when generator is operating. Place generator in off position and remove controller fuse before servicing.<br>Risque de choc électrique pouvant provoquer des blessures graves, voire la mort. Ne pas installer ou retirer le transformateur de courant lorsque la génératrice est en fonction. Placez la génératrice à la position d'arrêt et retirez le fusible de contrôle avant tout entretien.<br>Riesgo de descarga eléctrica que puede resultar en muerte o lesión seria. No instale ni retire el transformador cuando el generador está en funcionamiento. Apague el generador y retire el fusible del controlador antes de reparar.<br>800115809 | <b>0240-0080</b><br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>0240-0160</b><br>Service Disconnect<br>Réparation Débrancher<br>Servicio Desconectar<br>800116102                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>0240-0170</b><br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Generator Disconnect<br>Génératrice Réparation Débrancher<br>Generador Servicio Desconectar<br>800116103         |
| <b>0240-0060</b><br>Replace with UL listed fuse of same type and rating 600 volt, 10 amp<br>Remplacez avec un fusible homologué UL de même type et classification de 600 volts, 10 amp.<br>Reemplace con un fusible certificado por UL del mismo tipo y clasificación: 600 voltios, 10 amperios<br>800115810                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>0240-0090</b><br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>0240-0180</b><br>Utility Disconnect<br>Fonctionnalité Débrancher<br>Utilidad Desconectar<br>800116105                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>0240-0190</b><br>Utility Connection<br>Fonctionnalité Connexion<br>Utilidad Conexión<br>800116104                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Generator Disconnect<br>Génératrice Réparation Débrancher<br>Generador Servicio Desconectar<br>800116103         |
| <b>0240-0070</b><br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>0240-0100</b><br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>0240-0200</b><br>Located at Generator<br>Située à Génératrice<br>Ubicado en Generador<br>800116107                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>0240-0210</b><br><b>WARNING AVERTISSEMENT ADVERTENCIA</b><br>Cancer and Reproductive Harm<br>www.P65Warnings.ca.gov<br>Cancer et Troubles de l'Appareil Reproducteur<br>www.P65Warnings.ca.gov<br>Cáncer y Problemas Reproductivos<br>www.P65Warnings.ca.gov<br>800300073                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Generator Disconnect<br>Génératrice Réparation Débrancher<br>Generador Servicio Desconectar<br>800116103         |
| <b>0240-0080</b><br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>0240-0110</b><br>Suitable for use as service equipment except in Canada<br>Peut être utilisé comme équipement de réparation à l'exception du Canada<br>Adecuado para uso como equipo de servicio excepto en Canadá<br>800116100                                                                                                                                                                                                                                                                                                                                                                                                        | <b>0240-0220</b><br>Generator Disconnect<br>Génératrice Réparation Débrancher<br>Generador Servicio Desconectar<br>800116103                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>0240-0230</b><br>MFG. ID:<br><b>AUB</b><br>8011000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Generator Disconnect<br>Génératrice Réparation Débrancher<br>Generador Servicio Desconectar<br>800116103         |
| <b>0240-0090</b><br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>0240-0120</b><br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>0240-0240</b><br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                  |

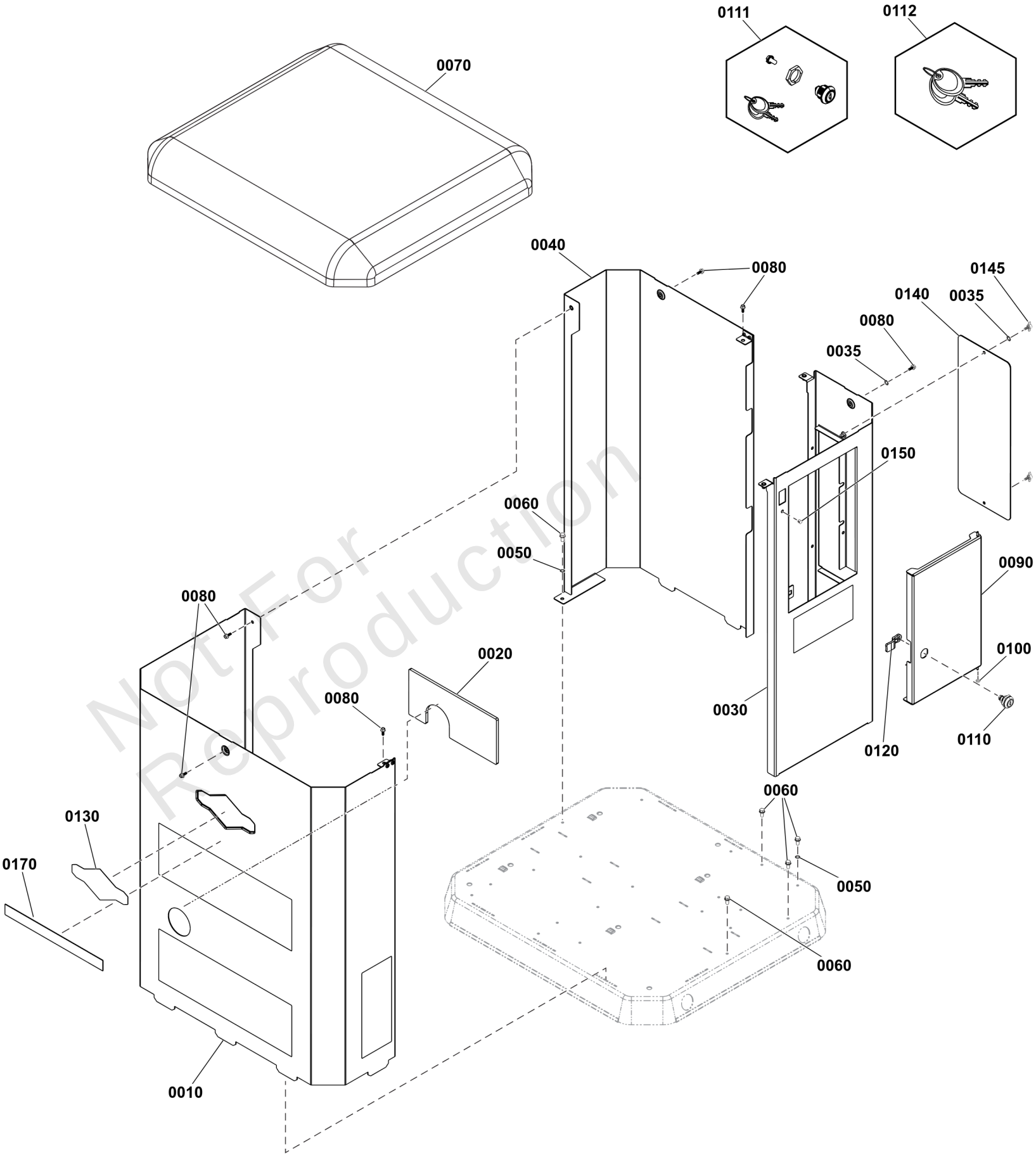
## Decals Group - ATS Warning

| REF NO    | PART NO  | QTY | DESCRIPTION                                                                                                                                  |
|-----------|----------|-----|----------------------------------------------------------------------------------------------------------------------------------------------|
| 0070-0070 | -----    | 1   | DECAL, Warning, Shock Hazard                                                                                                                 |
| 0240      | 84007663 | 1   | DECAL SHEET - WARNINGS<br>-(Includes items 0240-0010 thru 0240-0240)                                                                         |
| 0240-0010 | -----    | 1   | DECAL, Suitable as SRV Equipment, Canada                                                                                                     |
| 0240-0020 | -----    | 1   | DECAL-WARNING, SHOCK                                                                                                                         |
| 0240-0030 | -----    | 1   | DECAL-WARNING, ELECTRIC SHOCK                                                                                                                |
| 0240-0040 | -----    | 1   | DECAL-WARNING, ELECTRIC SHOCK                                                                                                                |
| 0240-0050 | -----    | 1   | DECAL, Notice, Contacts Rated                                                                                                                |
| 0240-0060 | -----    | 1   | DECAL, Notice, Wire Circuits                                                                                                                 |
| 0240-0070 | -----    | 1   | DECAL-FUSE REPLACEMENT                                                                                                                       |
| 0240-0080 | -----    | 1   | DECAL, Breaker, Circuit                                                                                                                      |
| 0240-0090 | -----    | 1   | DECAL-NEUTRAL                                                                                                                                |
| 0240-0100 | -----    | 2   | DECAL-GROUND                                                                                                                                 |
| 0240-0110 | -----    | 1   | DECAL, Utility 240VAC                                                                                                                        |
| 0240-0120 | -----    | 1   | DECAL, Suitable as Service Equipment                                                                                                         |
| 0240-0130 | -----    | 1   | DECAL, Reinstall Barrier                                                                                                                     |
| 0240-0140 | -----    | 1   | DECAL, Approved Circuit Breakers, 100A                                                                                                       |
| 0240-0150 | -----    | 1   | DECAL, Approved Circuit Breakers, 200A                                                                                                       |
| 0240-0160 | -----    | 1   | DECAL, Generator Service Disconnect                                                                                                          |
| 0240-0170 | -----    | 2   | DECAL, Service Disconnect                                                                                                                    |
| 0240-0180 | -----    | 2   | DECAL, Disconnect, Utility                                                                                                                   |
| 0240-0190 | -----    | 2   | DECAL, Connection, Utility                                                                                                                   |
| 0240-0200 | -----    | 1   | DECAL, Connection, Generator                                                                                                                 |
| 0240-0210 | -----    | 1   | DECAL, Location                                                                                                                              |
| 0240-0220 | -----    | 1   | DECAL, Warning<br>-(The installation of this decal is required for units manufactured after 08/30/2018 and sold in the state of California.) |
| 0240-0230 | -----    | 1   | DECAL, Generator Disconnect Located at Generator                                                                                             |
| 0240-0240 | -----    | 1   | DECAL, MOR, AUBURN                                                                                                                           |

**Enclosure Group**

Note: Unless noted otherwise, use the standard torque specifications

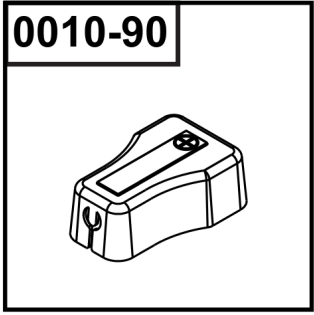
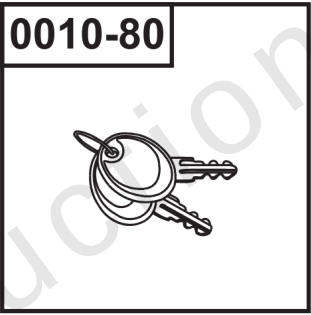
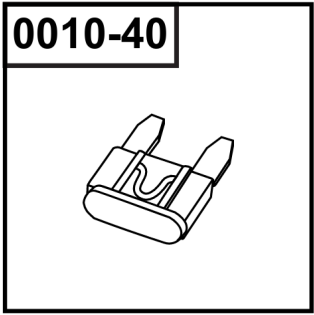
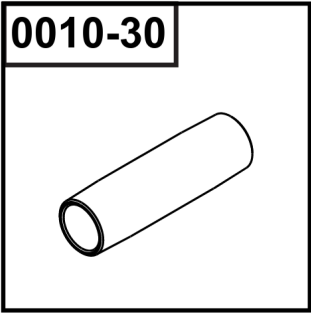
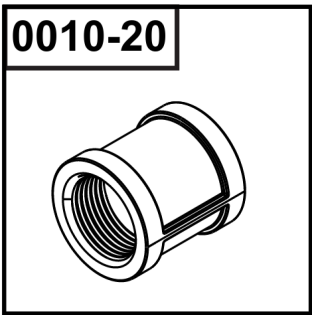
Mfg. No: 040743-00



## Enclosure Group

| REF NO | PART NO  | QTY | DESCRIPTION                                                                      |
|--------|----------|-----|----------------------------------------------------------------------------------|
| 0010   | 6910     | 1   | ASSEMBLY, Panel, Front<br>-(Reference 6910-00 Front Panel Assembly)              |
| 0020   | -----    | 1   | PANEL, Muffler Guard                                                             |
| 0030   | 6911     | 1   | ASSEMBLY, Panel, Right<br>-(Reference 6911-00 Right Panel Assembly)              |
| 0035   | 23762GS  | 2   | WASHER                                                                           |
| 0040   | 6912     | 1   | ASSEMBLY, Panel, Left<br>-(Reference 6912-00 Left Panel Assembly)                |
| 0050   | 26850GS  | 2   | WASHER, Ext. M6 - 1/4" Shakeproof                                                |
| 0060   | 704130   | 5   | SCREW, HEX, 1/4-20X.5                                                            |
| 0070   | 6913     | 1   | ASSEMBLY, Roof<br>-(Reference 6913-00 Roof Assembly)                             |
| 0080   | -----    | 6   | SCREW                                                                            |
| 0090   | 6915     | 1   | ASSEMBLY, Control Panel Door<br>-(Reference 6915-00 Control Panel Door Assembly) |
| 0100   | 703929   | 1   | WASHER-FLAT, NYLON                                                               |
| 0110   | 314619GS | 1   | LATCH                                                                            |
| 0111   | 313745GS | 1   | LATCH                                                                            |
| 0112   | 314290GS | 1   | KEY, Latch                                                                       |
| 0120   | 196001GS | 1   | LATCH-ARM                                                                        |
| 0130   | -----    | 1   | DECAL                                                                            |
| 0140   | -----    | 1   | DOOR, Access                                                                     |
| 0145   | -----    | 2   | SCREW, Thumb                                                                     |
| 0150   | 316193GS | 1   | PLUG, Roof                                                                       |
| 0170   | -----    | 1   | DECAL                                                                            |

0010



0010-70

**● ATTENTION**

This building is equipped with a Standby Generator.

**FUEL TYPE:**

- Natural Gas
- LP Gas

**LOCATION:**

- NORTH ● EAST
- SOUTH ● WEST

**ATENCIÓN**

Este edificio está equipado con un generador de respaldo.

**TIPO DE COMBUSTIBLE:**

- Gas natural
- Gas LP

**UBICACIÓN:**

- NORTE ● ESTE
- SUR ● OESTE

NEFPA 702.8

DO NOT REMOVE THIS TAG

NE RETIREZ PAS CETTE ÉTIQUETTE

DO NOT REMOVE THIS TAG

**● ATTENTION**

Cet édifice est équipé d'une génératrice de secours.

**TYPE DE CARBURANT :**

- Gaz naturel ●
- GPL ●

**EMPLACEMENT :**

- EST ● NORD ●
- OUEST ● SUD ●

**ATTENTION**

This building is equipped with a Standby Generator.

**FUEL TYPE:**

- Natural Gas ●
- LP Gas ●

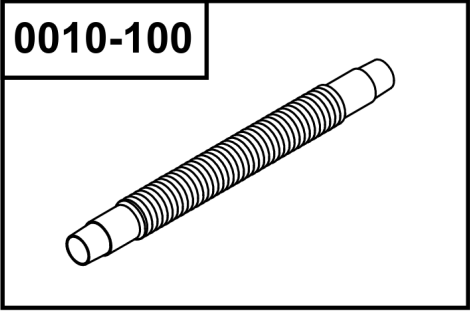
**LOCATION:**

- EAST ● NORTH ●
- WEST ● SOUTH ●

NEFPA 702.8

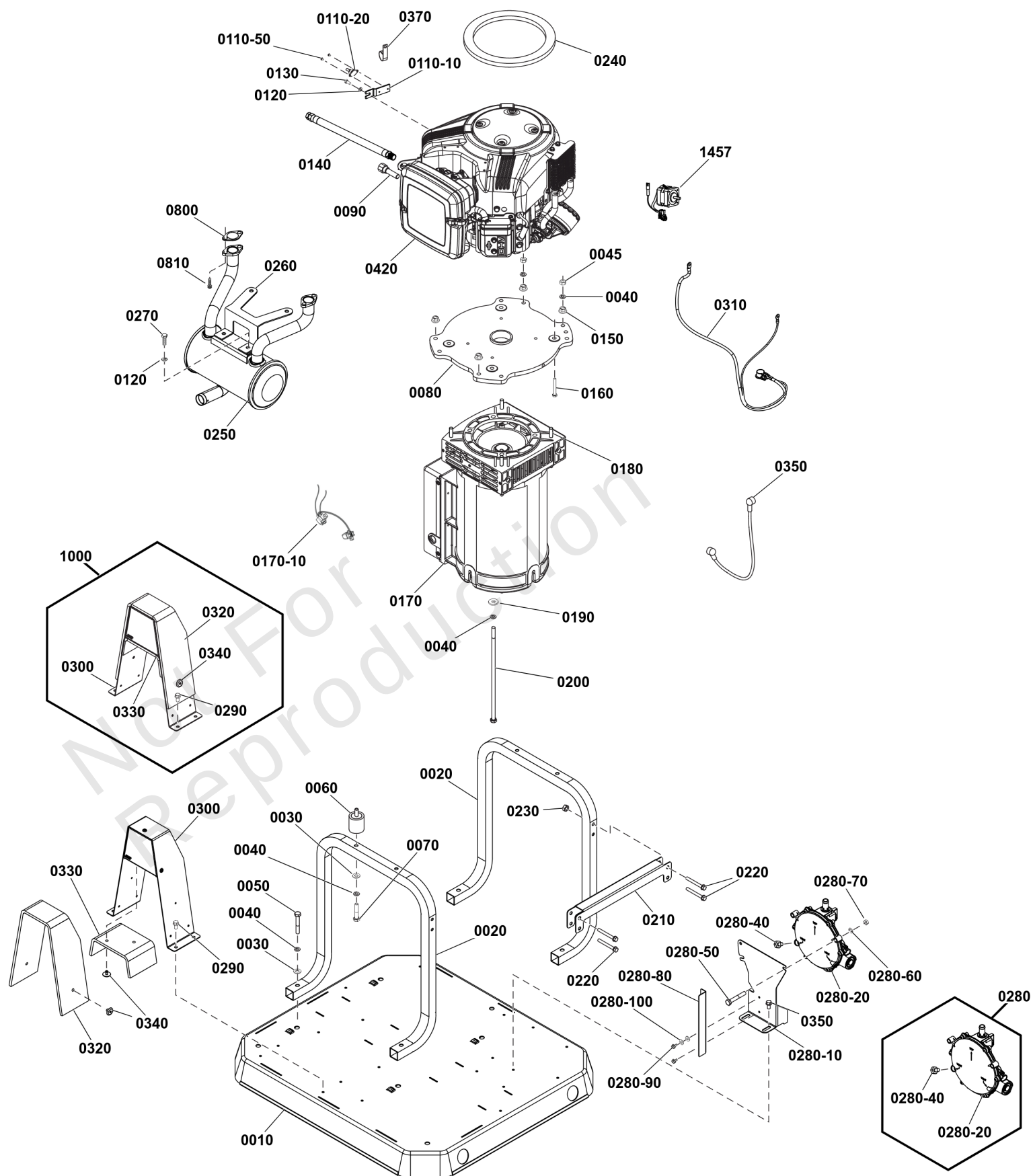
DO NOT REMOVE THIS TAG

NEFPA 702.8



## Manuals & Accessories Group

| REF NO   | PART NO  | QTY | DESCRIPTION                                                                               |
|----------|----------|-----|-------------------------------------------------------------------------------------------|
| 0010     | 84010850 | 1   | KIT, Accessory<br>-(Incl. Ref. Nos. 0010-10, 0010-20, 0010-40, 0010-60, 0010-80, 0010-90) |
| 0010-20  | -----    | 1   | COUPLING, 3/4" NPT                                                                        |
| 0010-30  | 706526   | 1   | FITTING                                                                                   |
| 0010-40  | 198573GS | 2   | FUSE, Auto Type, 15 Amp                                                                   |
| 0010-50  | 198460GS | 4   | PLUG, Dome                                                                                |
| 0010-70  | 706988   | 1   | HANG TAG-ATTN. STANDBY EQUIPMENT                                                          |
| 0010-80  | 314290GS | 1   | KEY, Latch                                                                                |
| 0010-90  | 84010851 | 1   | COVER, Battery Terminal                                                                   |
| 0010-100 | 202295GS | 1   | HOSE-FLEX NG/LPG                                                                          |

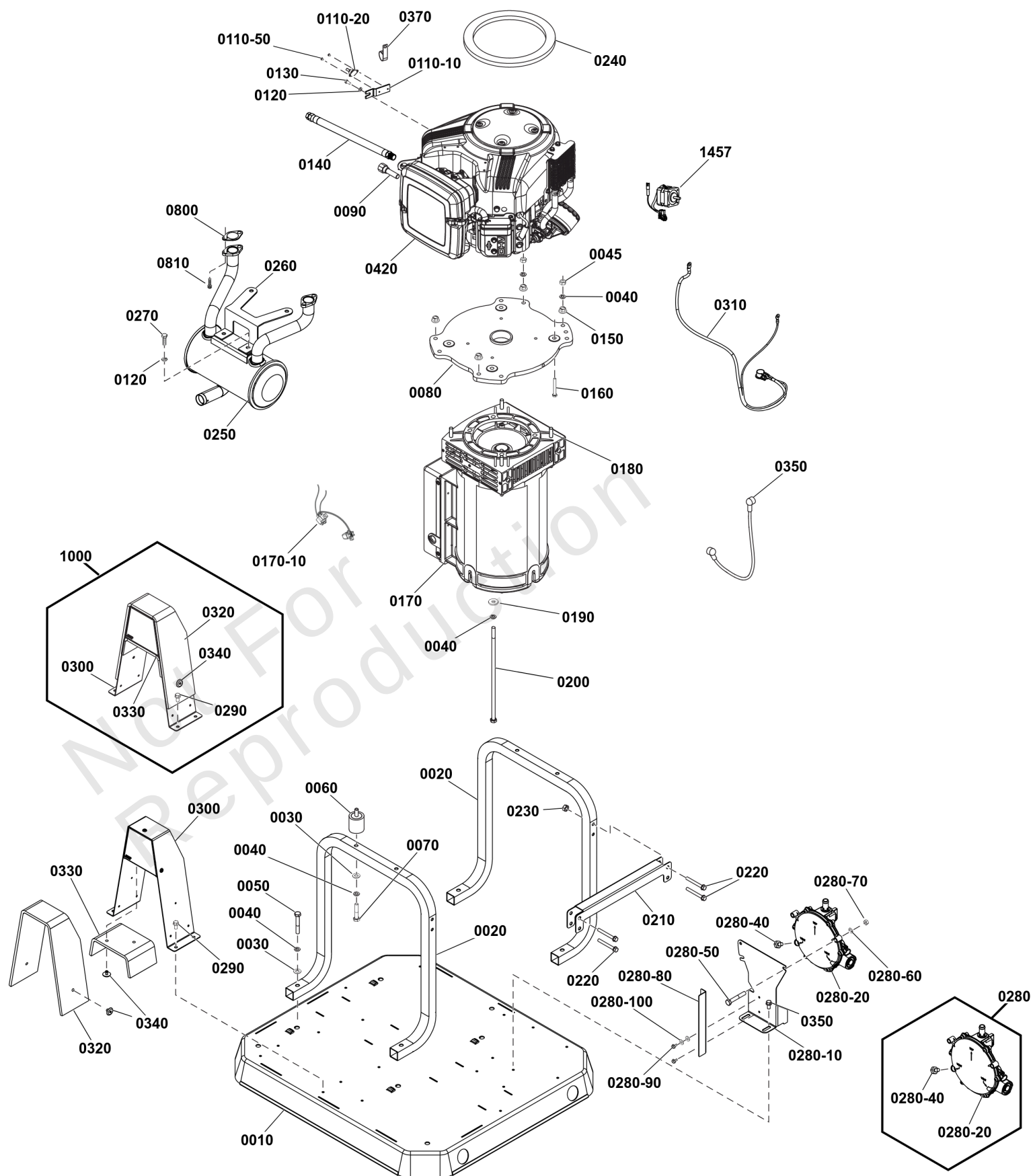


## Power Group

| REF NO   | PART NO      | QTY | DESCRIPTION                                                       |
|----------|--------------|-----|-------------------------------------------------------------------|
| 0010     | -----        | 1   | BASE                                                              |
| 0020     | BF319470GS   | 2   | CRADLE                                                            |
| 0030     | 703350       | 8   | WASHER                                                            |
| 0040     | 22129GS      | 15  | WASHER, Lock                                                      |
| 0045     | 45771GS      | 2   | NUT, M8 - 1.25                                                    |
| 0050     | 5025011X16YP | 4   | BOLT                                                              |
| 0060     | 189108GS     | 4   | MOUNT, Vibration                                                  |
| 0070     | 57821GS      | 4   | CAPSCREW, Hex Head, M8-1.25 x 40                                  |
| 0080     | 319353GS     | 1   | ADAPTER-ENGINE                                                    |
| 0090     | -----        | 1   | THERMOWELL, Oil Heater                                            |
| 0110-10  | 195124GS     | 1   | PLATE, Temp Switch                                                |
| 0110-20  | 204426GS     | 1   | SWITCH, Temperature                                               |
| 0110-50  | 708730       | 2   | SCREW                                                             |
| 0120     | 22097GS      | 3   | WASHER                                                            |
| 0130     | 43116GS      | 1   | HHCS, M6 - 1.0 x 12                                               |
| 0140     | 5048681SM    | 1   | HOSE, OIL DRAIN                                                   |
| 0150     | 67989GS      | 4   | NUT, M8 Flange Serrated                                           |
| 0160     | 704010       | 4   | SCREW, HEX, 3/8-16                                                |
| 0170     | 772334       | 1   | ALTERNATOR                                                        |
| 0170-10  | 84011102     | 1   | BRUSH ASSEMBLY                                                    |
| 0180     | 22125GS      | 4   | SCREW                                                             |
| 0190     | 96796GS      | 1   | WASHER, Flat M8.4 x 22.2 x 3                                      |
| 0200     | 706941       | 1   | BOLT                                                              |
| 0210     | 319471GS     | 1   | BRACKET                                                           |
| 0220     | 94220        | 4   | SCREW                                                             |
| 0230     | 703061       | 4   | NUT, HEX KEPS, 1/4-20                                             |
| 0240     | 316881GS     | 1   | SEAL                                                              |
| 0250     | 84010841     | 1   | ASSEMBLY, Muffler                                                 |
| 0260     | 704682       | 1   | BRACKET, Muffler                                                  |
| 0270     | 47411GS      | 2   | SCREW                                                             |
| 0280     | 84006385     | 1   | FUEL REGULATOR ASSEMBLY<br>-(Includes Ref. Nos. 0280-20, 0280-40) |
| 0280-10  | 706379       | 1   | BRACKET                                                           |
| 0280-20  | -----        | 1   | FUEL REGULATOR ASSEMBLY                                           |
| 0280-40  | 318002GS     | 1   | FITTING                                                           |
| 0280-50  | 38750GS      | 2   | HHCS, M6 - 1.0 x 30                                               |
| 0280-60  | 22097GS      | 2   | WASHER                                                            |
| 0280-70  | 49813GS      | 2   | NUT, Hex, M6 - 1.0                                                |
| 0280-80  | -----        | 1   | BRACKET                                                           |
| 0280-90  | 194561GS     | 2   | HHS, Trilobular, #10-32 x 3/8                                     |
| 0280-100 | 23897GS      | 2   | WASHER, Flat, #10 - M5                                            |
| 0290     | 704130       | 6   | SCREW, HEX, 1/4-20X.5                                             |
| 0300     | -----        | 1   | ASSEMBLY, Bracket                                                 |
| 0310     | 84008694     | 1   | HARNESS, Battery                                                  |
| 0320     | -----        | 1   | DEFLECTOR, Panel, Outer                                           |
| 0330     | -----        | 1   | DEFLECTOR, Panel, Inner                                           |
| 0340     | -----        | 4   | RIVET, BLIND, 3/16 X 5/8                                          |
| 0350     | 316814GS     | 1   | WIRE, Starter Solenoid                                            |
| 0370     | 192669GS     | 1   | Clamp, Hose, "J"                                                  |

### Footnotes:

\*\* To verify your specific engine model, please reference the ID Tag located on your engine. See your local Briggs & Stratton distributor for parts and service.



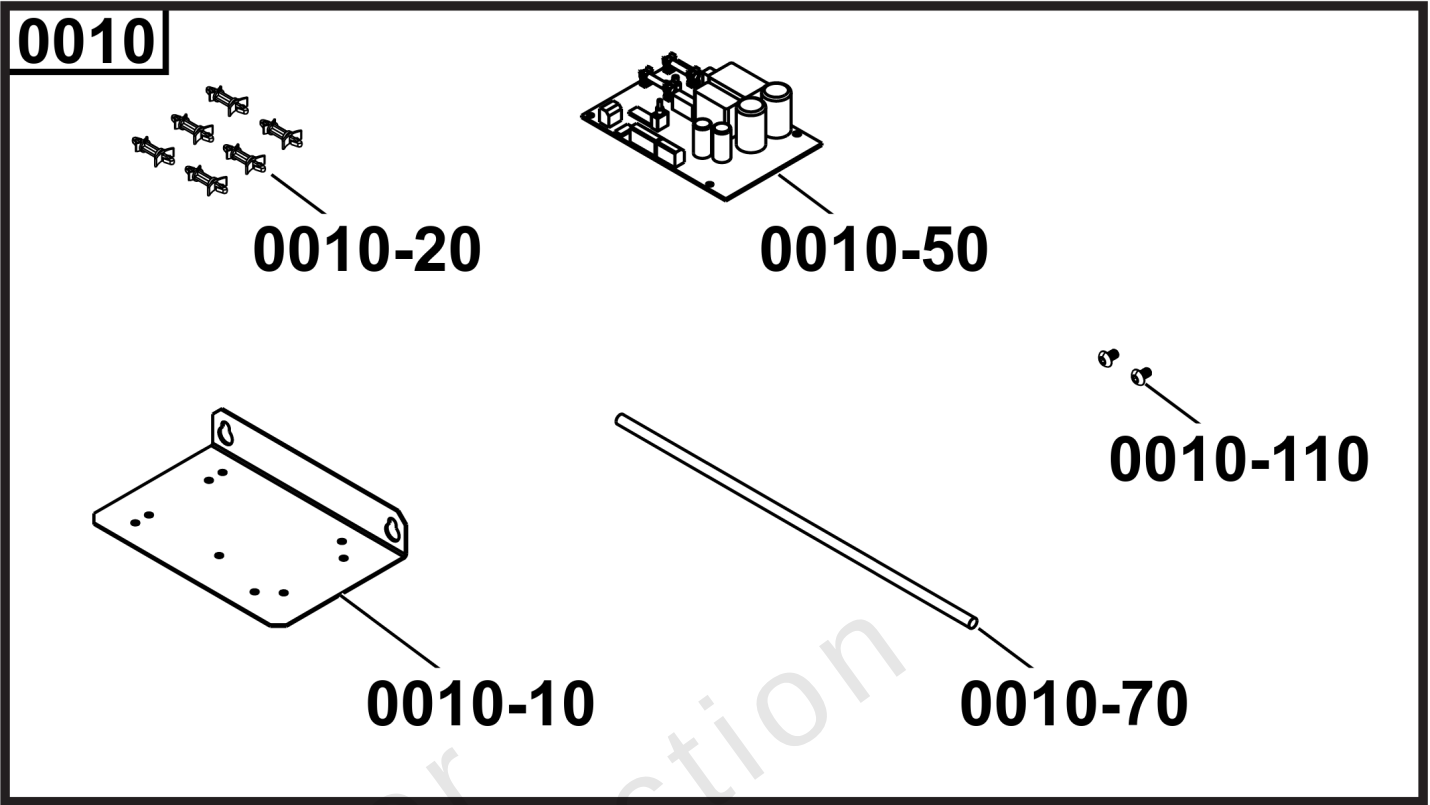
## Power Group

| REF NO | PART NO      | QTY | DESCRIPTION                                                            |
|--------|--------------|-----|------------------------------------------------------------------------|
| 0420   | 3895750117E1 | 1   | **Replacement Engine<br>-(**See footnote)                              |
| 0800   | 691613       | 2   | GASKET, Exhaust                                                        |
| 0810   | 805158       | 4   | SCREW                                                                  |
| 1000   | 84011108     | 1   | BRACKET ASSEMBLY<br>-(Includes Ref. Nos. 0290, 0300, 0320, 0330, 0340) |
| 0290   | 704130       | 4   | SCREW, HEX, 1/4-20X.5                                                  |
| 0300   | -----        | 1   | ASSEMBLY, Bracket                                                      |
| 0320   | -----        | 1   | DEFLECTOR, Panel, Outer                                                |
| 0330   | -----        | 1   | DEFLECTOR, Panel, Inner                                                |
| 0340   | -----        | 4   | RIVET, BLIND, 3/16 X 5/8                                               |
| 1457   | -----        | 1   | MOTOR, Stepper<br>-(Refer To Your Engine Model's Parts Manual)         |

Not For  
Reproduction

### Footnotes:

\*\* To verify your specific engine model, please reference the ID Tag located on your engine. See your local Briggs & Stratton distributor for parts and service.



***Symphony II Controller Kit***

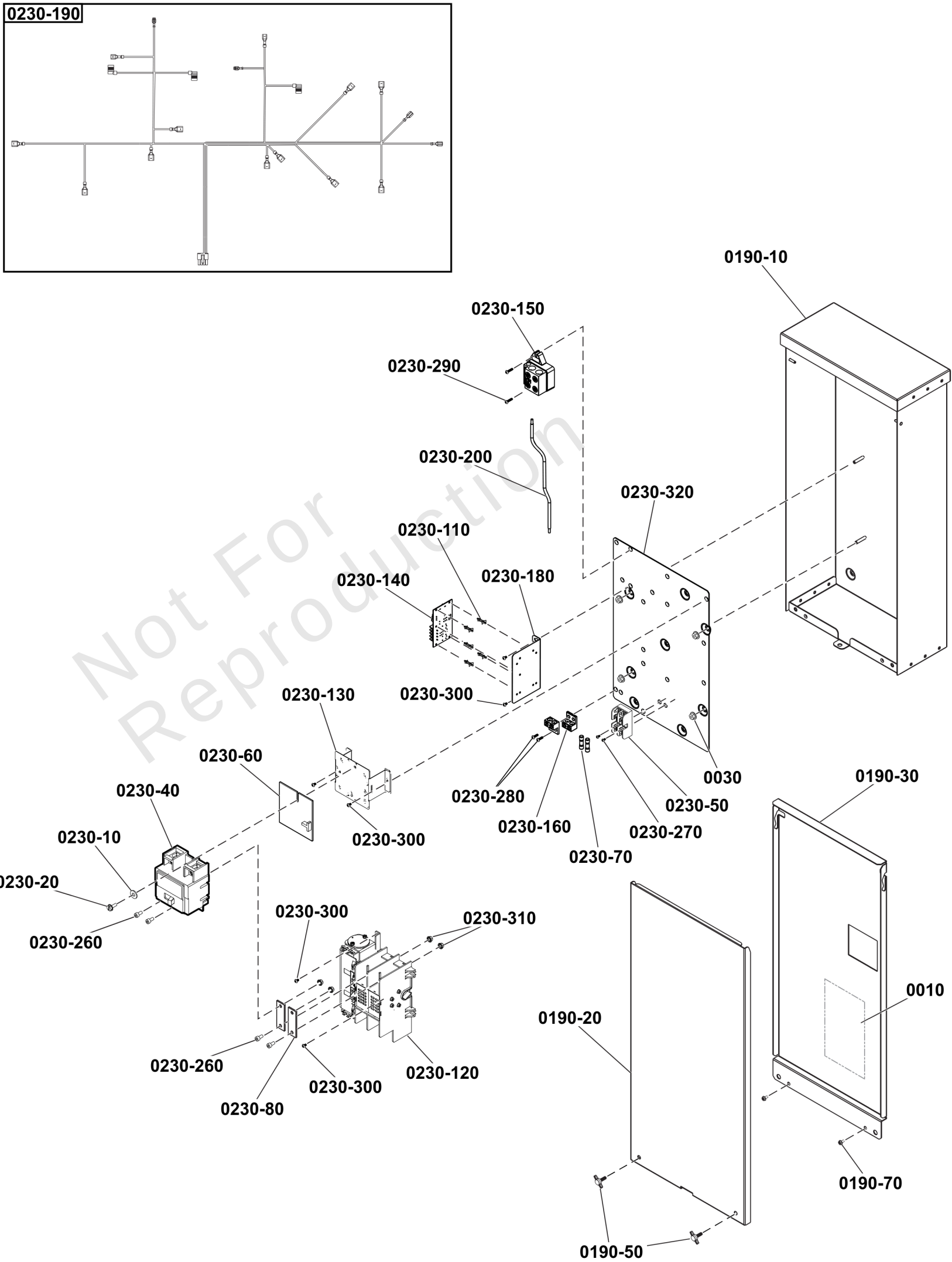
| REF NO   | PART NO  | QTY | DESCRIPTION             |
|----------|----------|-----|-------------------------|
| 0010     | 6907     | 1   | CONTROLLER, Symphony II |
| 0010-10  | 84008547 | 1   | BRACKET                 |
| 0010-20  | 707397   | 6   | SPACER                  |
| 0010-50  | -----    | 1   | BOARD, Circuit          |
| 0010-70  | -----    | 1   | HARNESS, Wire           |
| 0010-110 | B5763GS  | 2   | SCREW                   |

Not For Reproduction

Transfer Switch - Hingeless Enclosure

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 040743-00



## Transfer Switch - Hingeless Enclosure

| REF NO   | PART NO  | QTY | DESCRIPTION                                       |
|----------|----------|-----|---------------------------------------------------|
| 0010     | 193664GS | 1   | INSULATION, Dead Front                            |
| 0030     | 703061   | 9   | NUT, HEX KEPS, 1/4-20                             |
| 0190-10  | -----    | 1   | ENCLOSURE                                         |
| 0190-20  | 84004672 | 1   | DOOR<br>-(Incl. Ref. No. 0060)                    |
| 0060     | -----    | 1   | DECAL SHEET - WARNINGS                            |
| 0190-30  | 84005082 | 1   | PANEL, Deadfront<br>-(Incl. Ref. Nos. 0010, 0060) |
| 0010     | 193664GS | 1   | INSULATION, Dead Front                            |
| 0060     | -----    | 1   | DECAL SHEET - WARNINGS                            |
| 0190-50  | 315108GS | 2   | SCREW                                             |
| 0190-70  | B5763GS  | 2   | SCREW                                             |
| 0230-10  | 23897GS  | 1   | WASHER, Flat, #10 - M5                            |
| 0230-20  | 24679GS  | 1   | TRILOBULAR, #10-32 x 3/4                          |
| 0230-40  | 192065GS | 1   | BREAKER, Circuit, 200A                            |
| 0230-50  | 192151GS | 1   | FUSE HOLDER, 30 Amp 2P                            |
| 0230-60  | 192879GS | 1   | INSULATION, Circuit Breaker                       |
| 0230-70  | 205110GS | 2   | FUSE, 10 Amp 600v                                 |
| 0230-80  | 319267GS | 2   | BAR-BUS                                           |
| 0230-110 | 707397   | 5   | SPACER                                            |
| 0230-120 | 84002607 | 1   | SWITCH, TRANSFER                                  |
| 0230-130 | 770433   | 1   | BRACKET                                           |
| 0230-140 | 770434   | 1   | BOARD, Circuit                                    |
| 0230-150 | 84006993 | 1   | TERMINAL, Neutral 6 Position                      |
| 0230-160 | 84004498 | 2   | LUG                                               |
| 0230-180 | 84008547 | 1   | BRACKET<br>-(Incl. Ref. No. 0230-110)             |
| 0230-190 | 84008546 | 1   | HARNESS, Wire                                     |
| 0230-200 | -----    | 1   | WIRE, Neutral                                     |
| 0230-260 | 703818   | 4   | CAPSCREW, 1/4-20X0.5                              |
| 0230-270 | 192730GS | 2   | SCREW, Hex Head, Trilobular, #6-32 x 3/8          |
| 0230-280 | 32713GS  | 2   | TAPTITE, #10-32 X 5/8                             |
| 0230-290 | -----    | 2   | SCREW, Hex Head, Trilobular, #10-32 x 7/8         |
| 0230-300 | 194561GS | 8   | HHS, Trilobular, #10-32 x 3/8                     |
| 0230-310 | 703061   | 4   | NUT, HEX KEPS, 1/4-20                             |
| 0230-320 | -----    | 1   | PANEL, Back                                       |



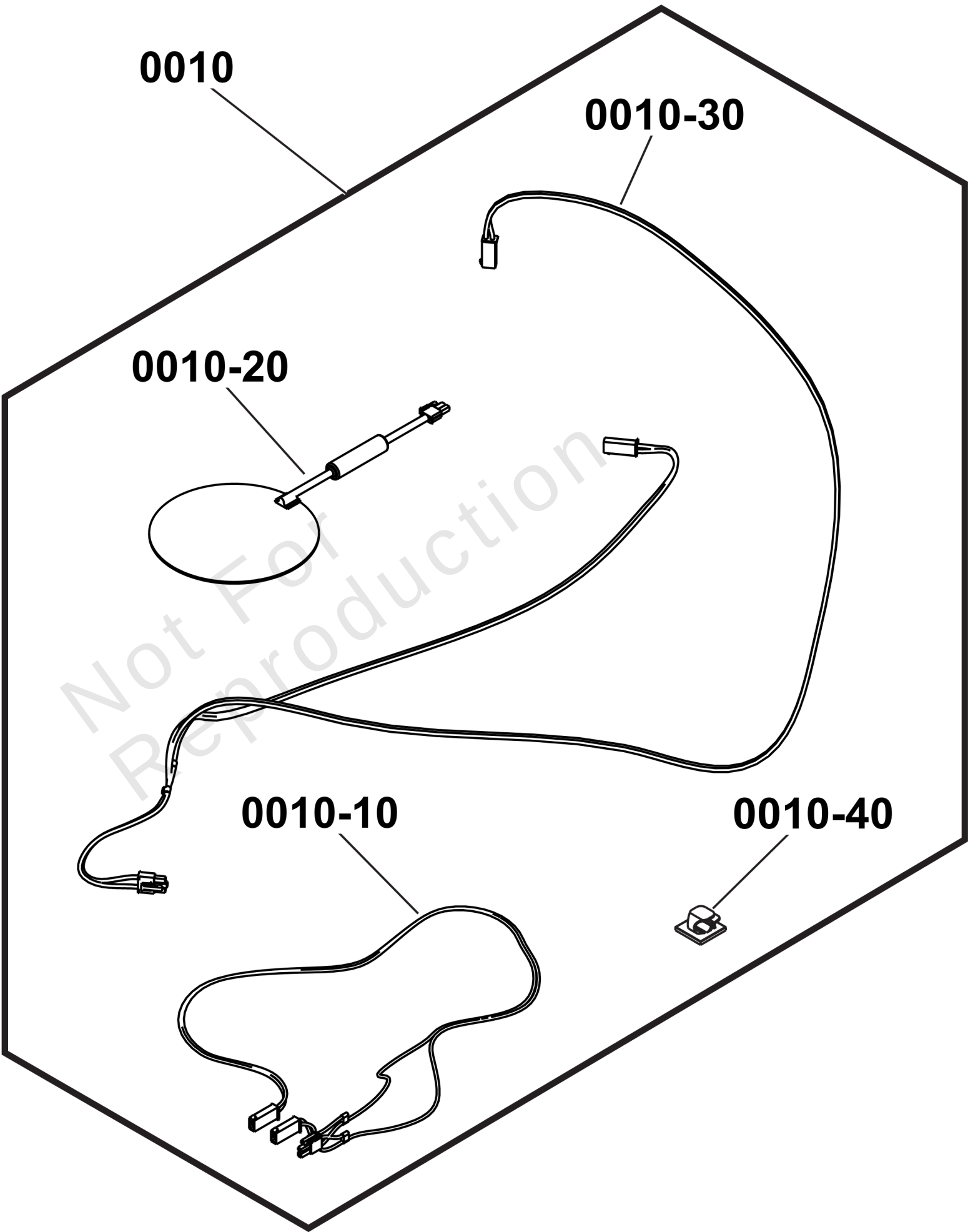
# 6845-00 - Fuel Regulator Heater

Not For  
Reproduction

**Fuel Regulator Heater**

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 6845-00



*Fuel Regulator Heater*

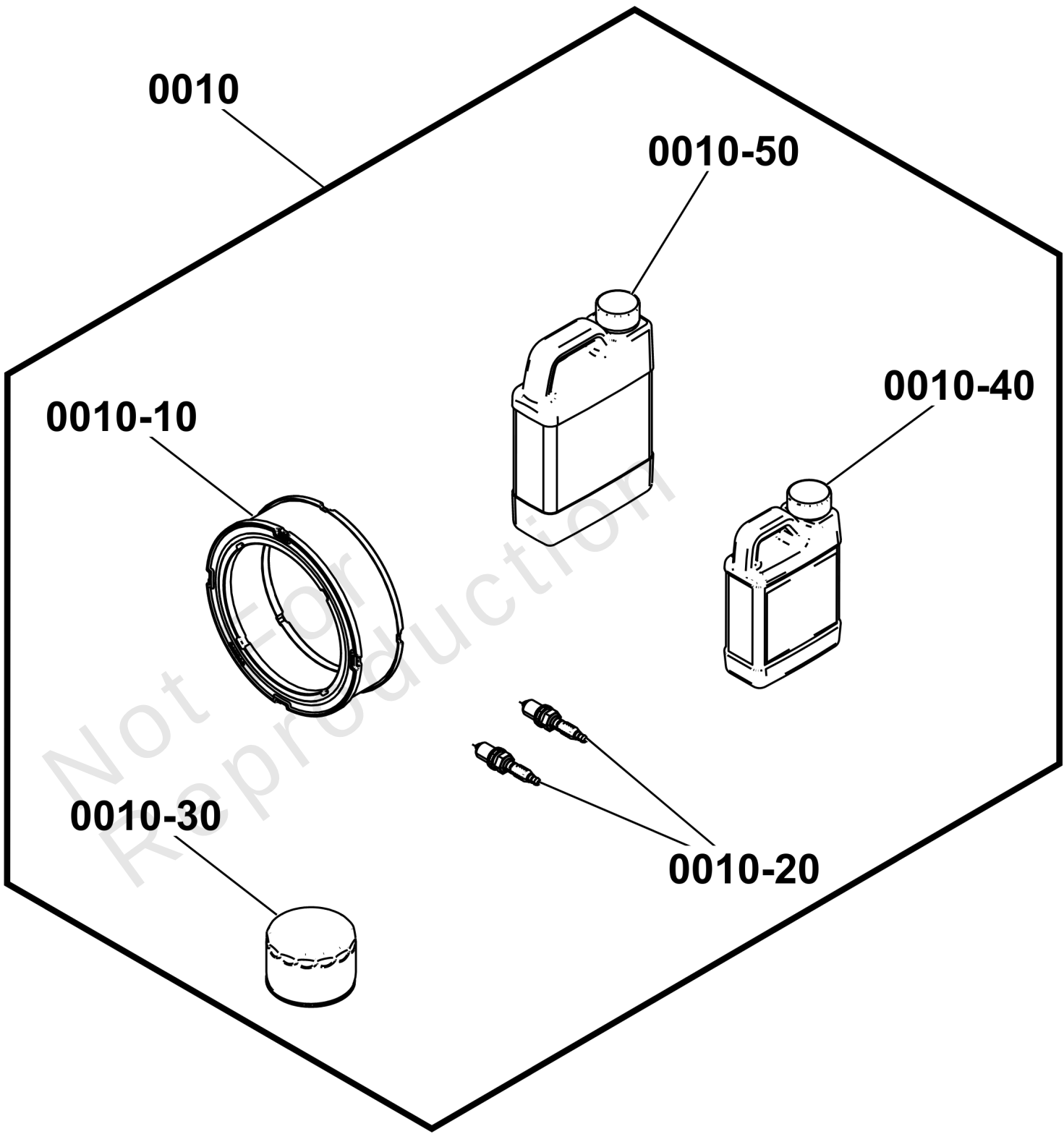
| REF NO  | PART NO | QTY | DESCRIPTION            |
|---------|---------|-----|------------------------|
| 0010    | 6845    | 1   | HEATER, Fuel Regulator |
| 0010-10 | -----   | 1   | HARNESS, Wire          |
| 0010-20 | -----   | 1   | HEATER, Fuel Regulator |
| 0010-30 | -----   | 1   | HARNESS, Cold Weather  |
| 0010-40 | -----   | 1   | CLIP, LTCHNG           |

Not For Reproduction



## 6873-00 - Maintenance

Not For  
Reproduction



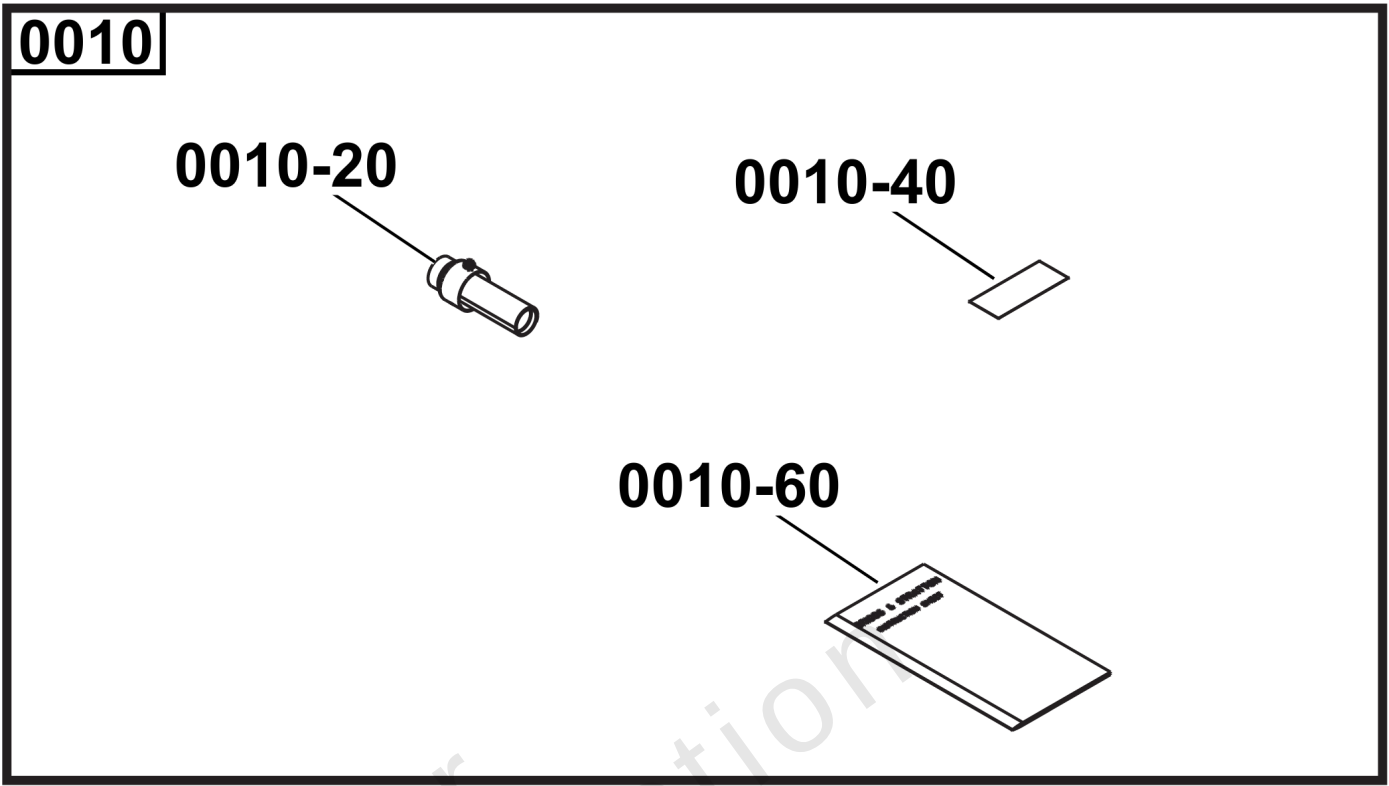
## Maintenance

| REF NO  | PART NO | QTY | DESCRIPTION                                                                        |
|---------|---------|-----|------------------------------------------------------------------------------------|
| 0010    | 6873    | 1   | KIT, Maintenance<br>-(Incl. Ref. Nos. 0010-10, 0010-20, 0010-30, 0010-40, 0010-70) |
| 0010-10 | -----   | 1   | CARTRIDGE, Air Cleaner                                                             |
| 0010-20 | 72347GS | 2   | PLUG, Spark                                                                        |
| 0010-30 | 492932S | 1   | FILTER, Oil                                                                        |
| 0010-40 | -----   | 1   | BOTTLE, 16oz Oil                                                                   |
| 0010-50 | -----   | 1   | BOTTLE, 32oz Oil                                                                   |



# 6892-00 - Spark Arrestor

Not For  
Reproduction



Spark Arrestor

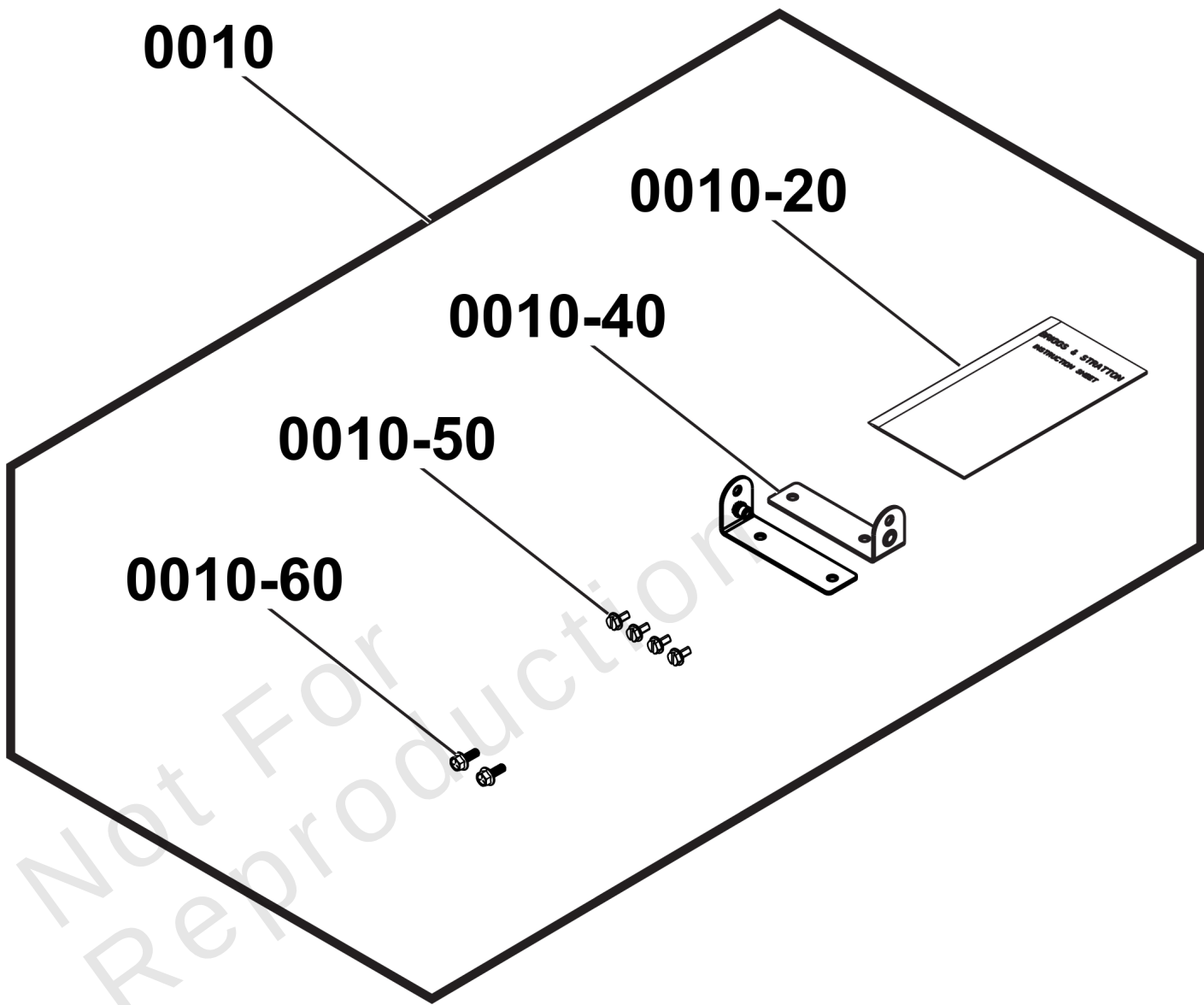
| REF NO  | PART NO  | QTY | DESCRIPTION                                                     |
|---------|----------|-----|-----------------------------------------------------------------|
| 0010    | 6892     | 1   | ARRESTOR, Spark<br>-(Incl. Ref. Nos. 0010-20, 0010-40, 0010-60) |
| 0010-20 | -----    | 1   | ASSEMBLY, Spark Arrestor                                        |
| 0010-40 | 208538GS | 1   | DECAL, Spark                                                    |
| 0010-60 | -----    | 1   | INSTRUCTION SHEET                                               |

Not For Reproduction



## 6920-00 - Wind Brackets

Not For  
Reproduction



Wind Brackets

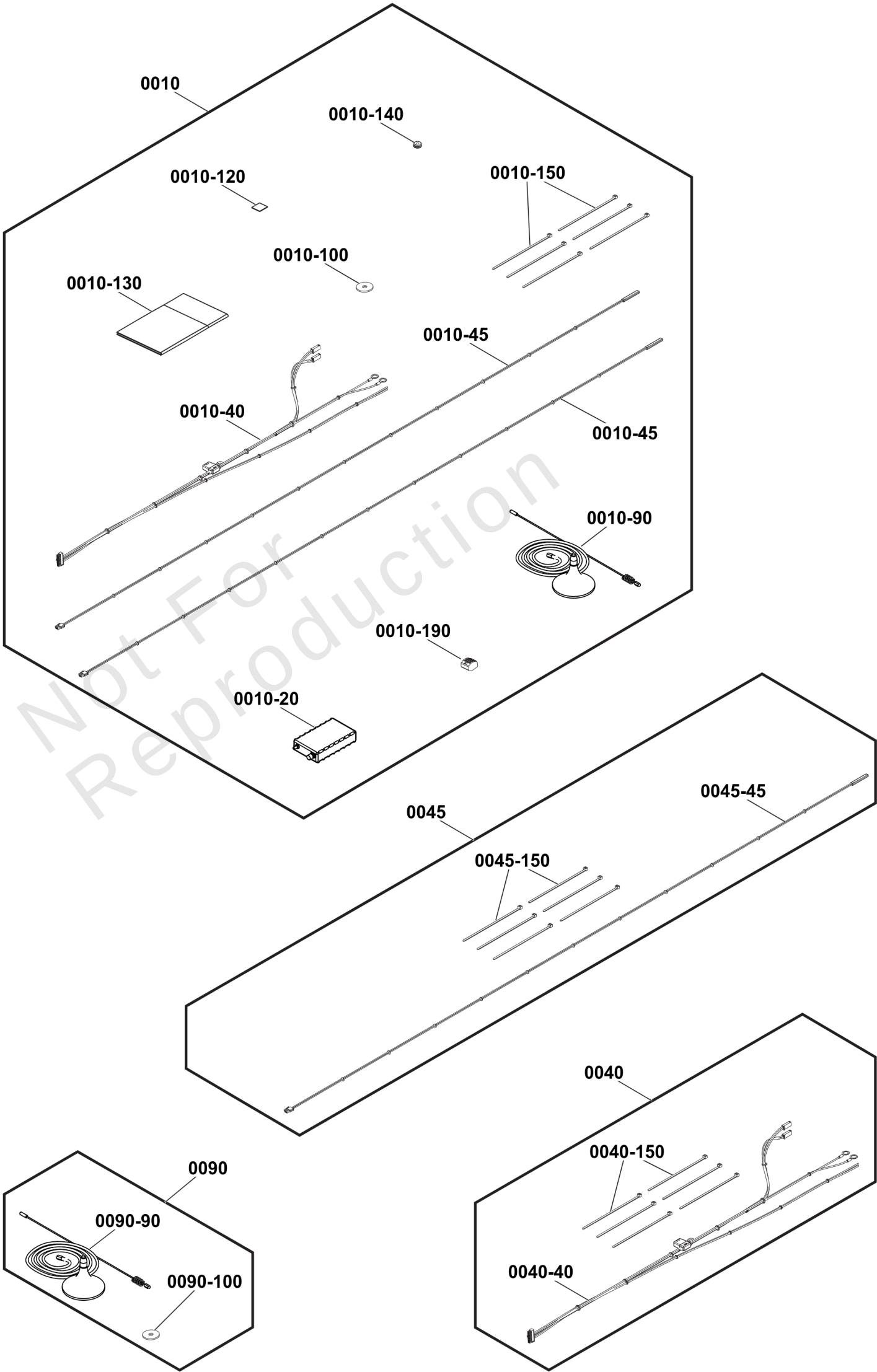
| REF NO  | PART NO  | QTY | DESCRIPTION                                                            |
|---------|----------|-----|------------------------------------------------------------------------|
| 0010    | 6920     | 1   | BRACKET, Wind<br>-(Incl. Ref. Nos. 0010-20, 0010-40, 0010-50, 0010-60) |
| 0010-20 | -----    | 1   | SHEET, Instruction                                                     |
| 0010-40 | -----    | 2   | BRACKET                                                                |
| 0010-50 | 194561GS | 4   | HHS, Trilobular, #10-32 x 3/8                                          |
| 0010-60 | -----    | 2   | SCREW                                                                  |

Not For Reproduction



6574-01 - Infohub

Not For  
Reproduction



## Infohub

| REF NO   | PART NO  | QTY | DESCRIPTION                                                                                                                                    |
|----------|----------|-----|------------------------------------------------------------------------------------------------------------------------------------------------|
| 0010     | 6574     | 1   | KIT, Infohub SP, Agnostic<br>-(Incl. Ref. Nos. 0010-20, 0010-40, 0010-45, 0010-90, 0010-100, 0010-120, 0010-130, 0010-140, 0010-150, 0010-190) |
| 0010-20  | -----    | 1   | INFOHUB, UNIV                                                                                                                                  |
| 0010-40  | -----    | 1   | HARNESS, Infohub SP, Agnostic                                                                                                                  |
| 0010-45  | -----    | 2   | ASSEMBLY, Voltage Sensor                                                                                                                       |
| 0010-90  | -----    | 1   | ANTENNA, Cell Quad Band                                                                                                                        |
| 0010-100 | 703591   | 1   | WASHER, .406X1.5X.12                                                                                                                           |
| 0010-120 | -----    | 1   | STRIP, Adhesive Mounting                                                                                                                       |
| 0010-130 | -----    | 1   | MANUAL, Operator                                                                                                                               |
| 0010-140 | 316855GS | 1   | GROMMET                                                                                                                                        |
| 0010-150 | 29333AGS | 6   | TIEWRAP, 7 LG BLK                                                                                                                              |
| 0010-190 | 197956GS | 1   | BLOCK, Terminal w/Levers                                                                                                                       |
| 0040     | 84003260 | 1   | HARNESS, Infohub SP, Agnostic<br>-(Incl. Ref. Nos. 0040-40, 0040-150)                                                                          |
| 0040-40  | -----    | 1   | HARNESS, Infohub SP, Agnostic                                                                                                                  |
| 0040-150 | 29333AGS | 6   | TIEWRAP, 7 LG BLK                                                                                                                              |
| 0045     | 84003258 | 1   | ASSEMBLY, Voltage Sensor<br>-(Incl. Ref. Nos. 0045-45, 0045-150)                                                                               |
| 0045-45  | -----    | 1   | ASSEMBLY, Voltage Sensor                                                                                                                       |
| 0045-150 | 29333AGS | 6   | TIEWRAP, 7 LG BLK                                                                                                                              |
| 0090     | 84003261 | 1   | ANTENNA, Cell Quad Band<br>-(Incl. Ref. Nos. 0090-90, 0090-100)                                                                                |
| 0090-90  | -----    | 1   | ANTENNA, Cell Quad Band                                                                                                                        |
| 0090-100 | 703591   | 1   | WASHER, .406X1.5X.12                                                                                                                           |



# 6581-00 - Uninterruptible Power Supply - (UPS)

Not For  
Reproduction

**Uninterruptible Power Supply - (UPS)**

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 6581-00



*Uninterruptible Power Supply - (UPS)*

| REF NO  | PART NO | QTY | DESCRIPTION                                                   |
|---------|---------|-----|---------------------------------------------------------------|
| 0010    | 6581    | 1   | KIT, ACC, UPS 350VA/255W, 120VAC<br>-(Incl. Ref. No. 0010-10) |
| 0010-10 | -----   | 1   | UPS 350VA/255W, 120VAC                                        |

Not For Reproduction



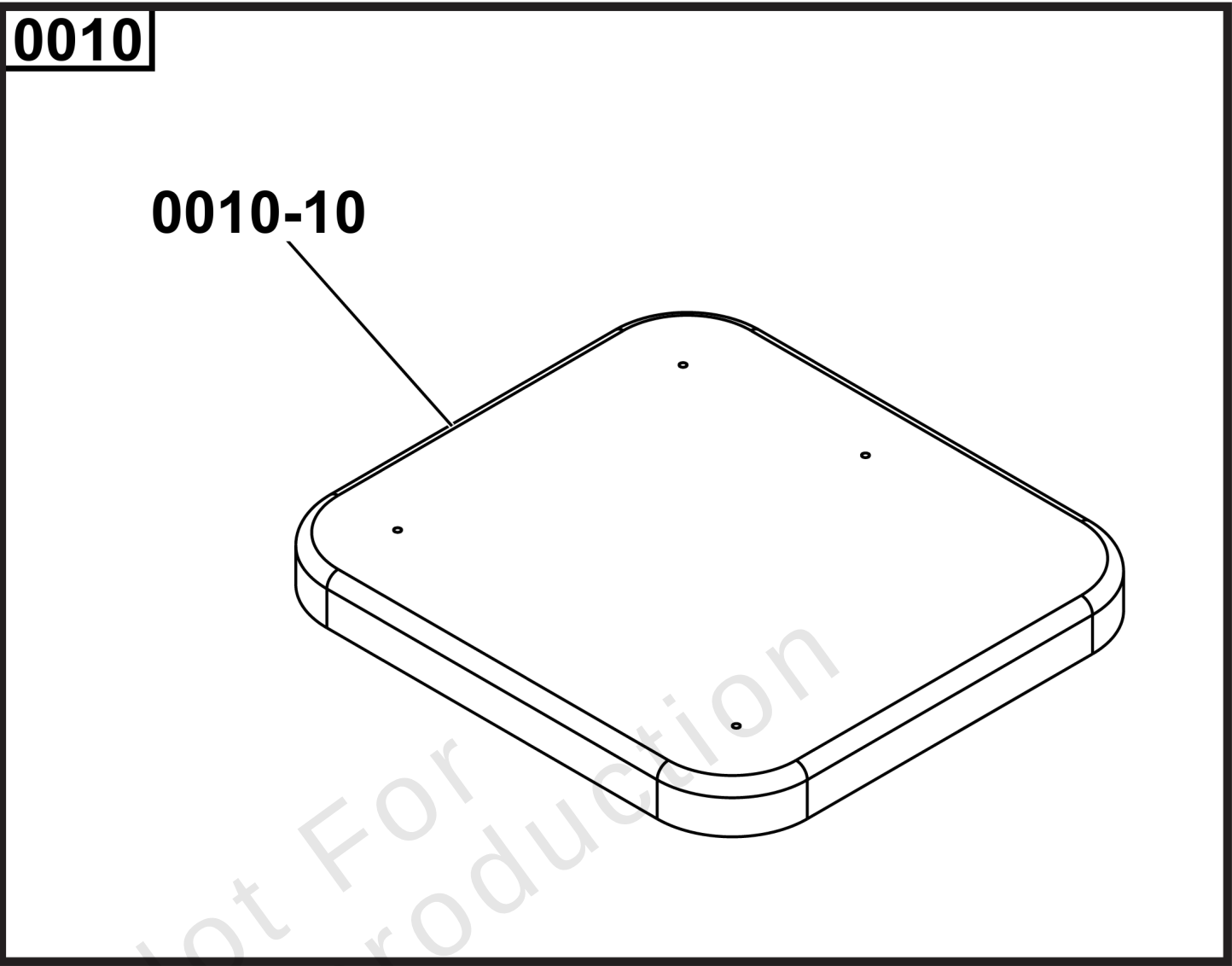
# 6324-01 - Concrete Pad (Non-Hurricane)

Not For  
Reproduction

Concrete Pad (Non-Hurricane)

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 6324-01



Concrete Pad (Non-Hurricane)

| REF NO  | PART NO | QTY | DESCRIPTION                                                   |
|---------|---------|-----|---------------------------------------------------------------|
| 0010    | 6324    | 1   | ACC PAD, Concrete, Non-Hurricane<br>-(Incl. Ref. No. 0010-10) |
| 0010-10 | -----   | 1   | PAD, Concrete                                                 |

Not For Reproduction



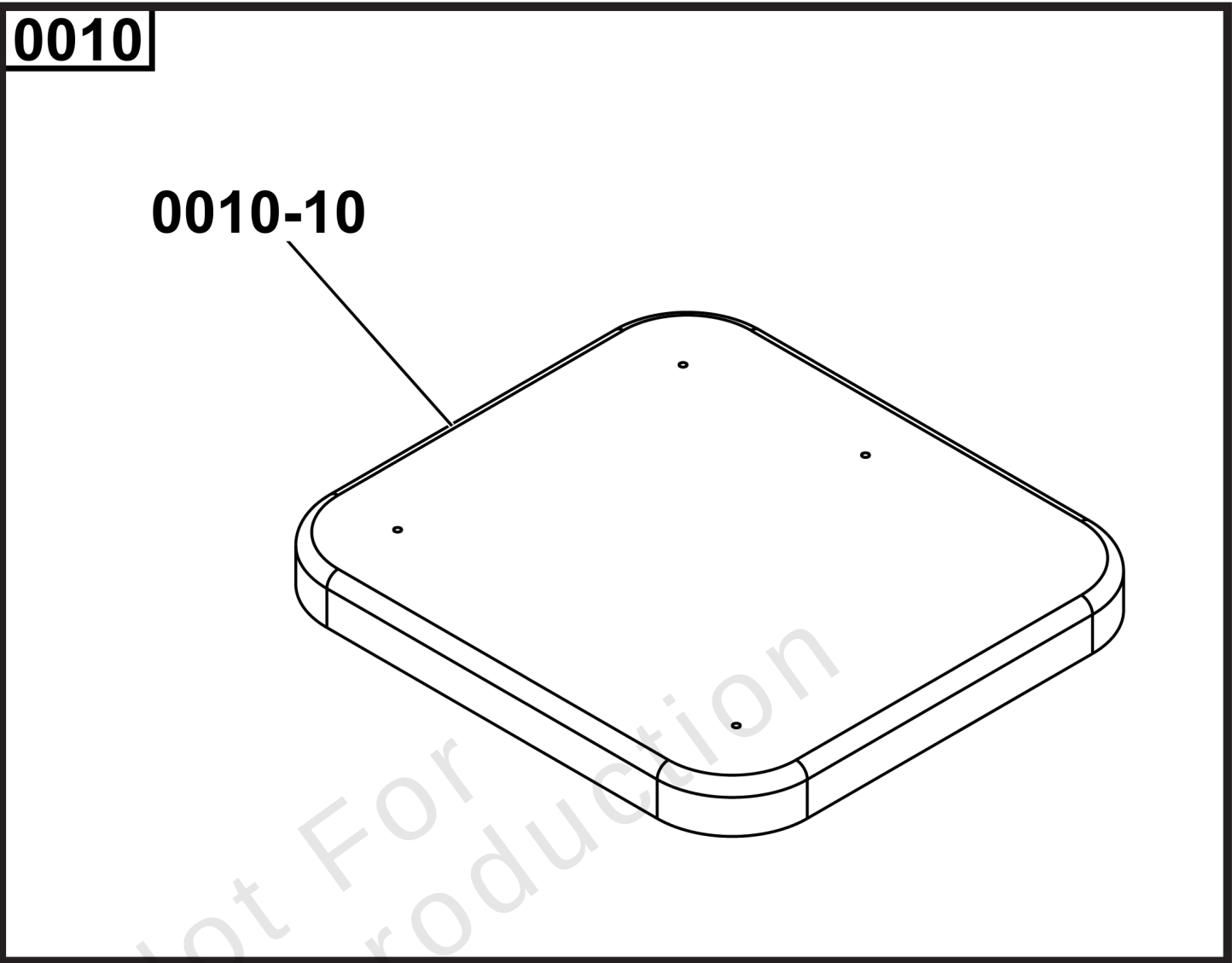
# 6326-01 - Concrete Pad (Hurricane)

Not For  
Reproduction

Concrete Pad (Hurricane)

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 6326-01



Concrete Pad (Hurricane)

| REF NO  | PART NO | QTY | DESCRIPTION                                               |
|---------|---------|-----|-----------------------------------------------------------|
| 0010    | 6326    | 1   | ACC PAD, Concrete, Hurricane<br>-(Incl. Ref. No. 0010-10) |
| 0010-10 | -----   | 1   | PAD, Concrete                                             |

Not For Reproduction

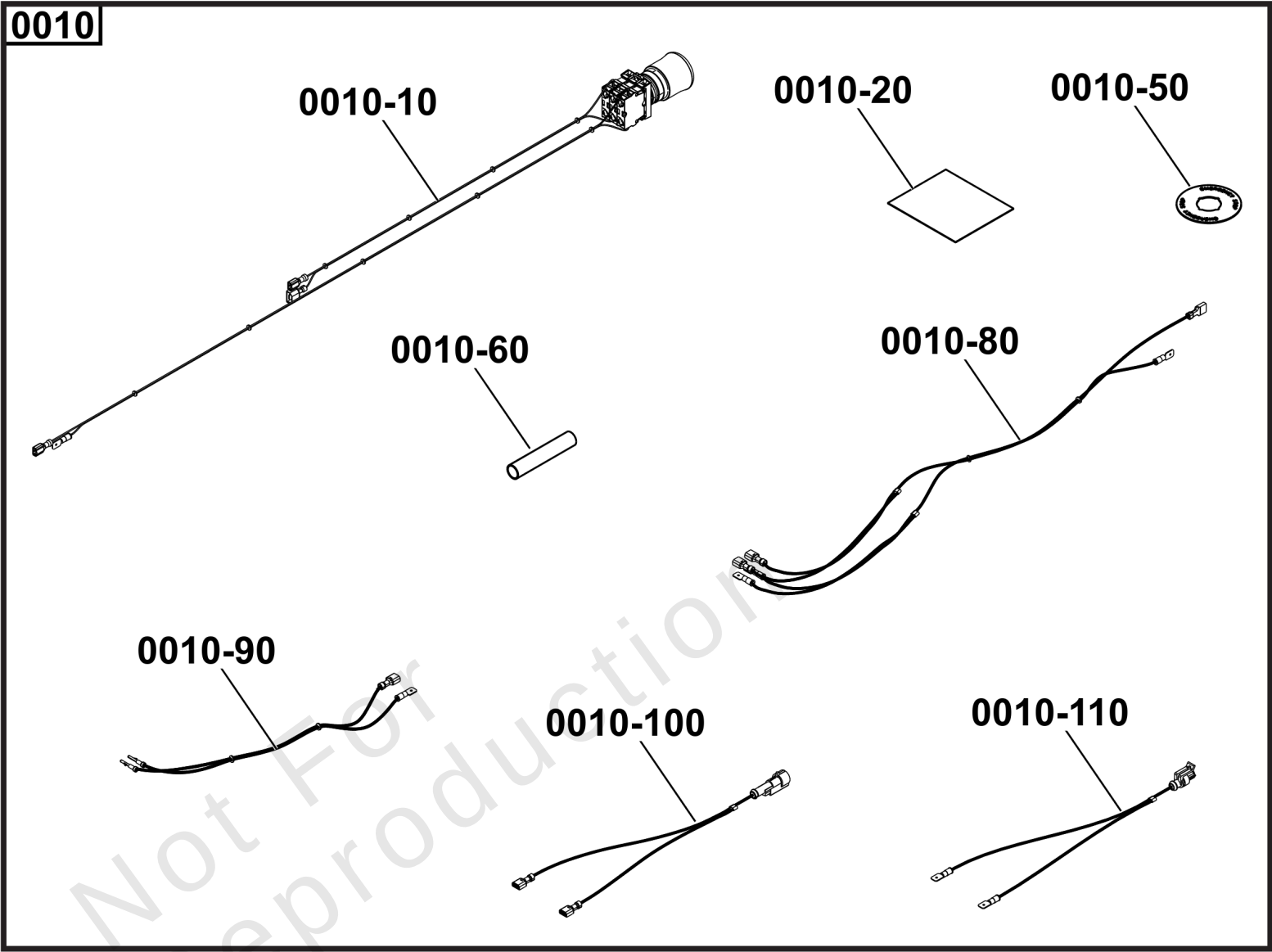


# 6491-01 - Estop Switch

Not For  
Reproduction

**Estop Switch**

Note: Unless noted otherwise, use the standard torque specifications Mfg. No: 6491-01



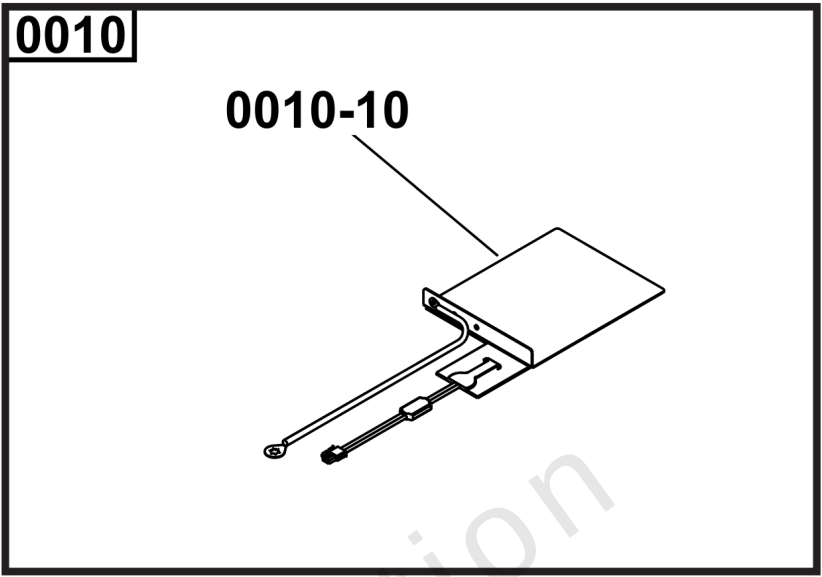
*Estop Switch*

| REF NO   | PART NO | QTY | DESCRIPTION                                                                                                            |
|----------|---------|-----|------------------------------------------------------------------------------------------------------------------------|
| 0010     | 6491    | 1   | ACC KIT, SWITCH, E-STOP<br>-(Incl. Ref. Nos. 0010-10, 0010-20, 0010-50, 0010-60, 0010-80, 0010-90, 0010-100, 0010-110) |
| 0010-10  | -----   | 1   | ASSEMBLY, Switch, E-Stop                                                                                               |
| 0010-20  | -----   | 1   | DECAL                                                                                                                  |
| 0010-50  | -----   | 1   | LEGEND PLATE, E-Stop                                                                                                   |
| 0010-60  | -----   | 1   | TUBING, Heat Shrink                                                                                                    |
| 0010-80  | -----   | 1   | HARNESS                                                                                                                |
| 0010-90  | -----   | 1   | HARNESS                                                                                                                |
| 0010-100 | -----   | 1   | HARNESS                                                                                                                |
| 0010-110 | -----   | 1   | HARNESS                                                                                                                |



# 6182-00 - Battery Warmer

Not For  
Reproduction



**Battery Warmer**

| REF NO  | PART NO  | QTY | DESCRIPTION                                  |
|---------|----------|-----|----------------------------------------------|
| 0010    | 6182     | 1   | WARMER, Battery<br>-(Incl. Ref. No. 0010-10) |
| 0010-10 | 314941GS | 1   | PLATE, Warmer                                |

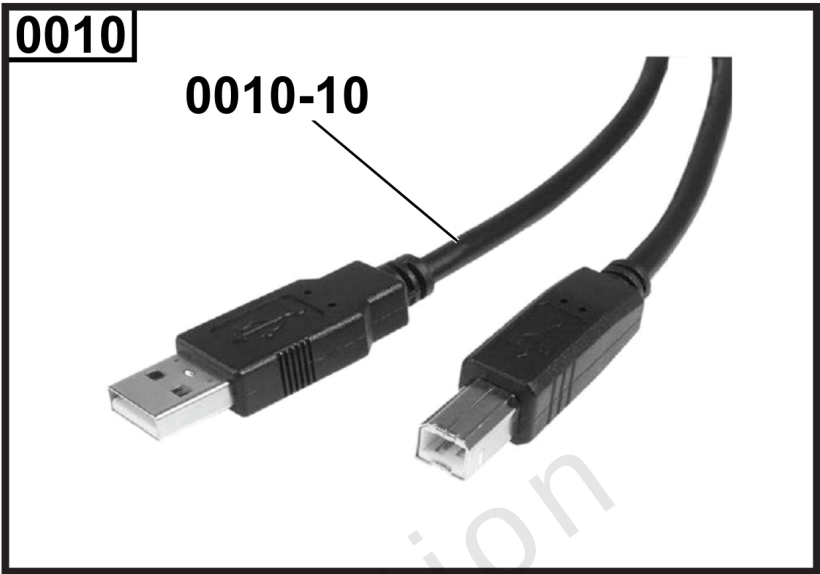
Not For Reproduction



# 6428-00 - USB Cable

Not For  
Reproduction

**USB Cable**



USB Cable

| REF NO  | PART NO | QTY | DESCRIPTION                                           |
|---------|---------|-----|-------------------------------------------------------|
| 0010    | 6428    | 1   | KIT, Communication Cable<br>-(Incl. Ref. No. 0010-10) |
| 0010-10 | -----   | 1   | CABLE, USB                                            |

Not For Reproduction

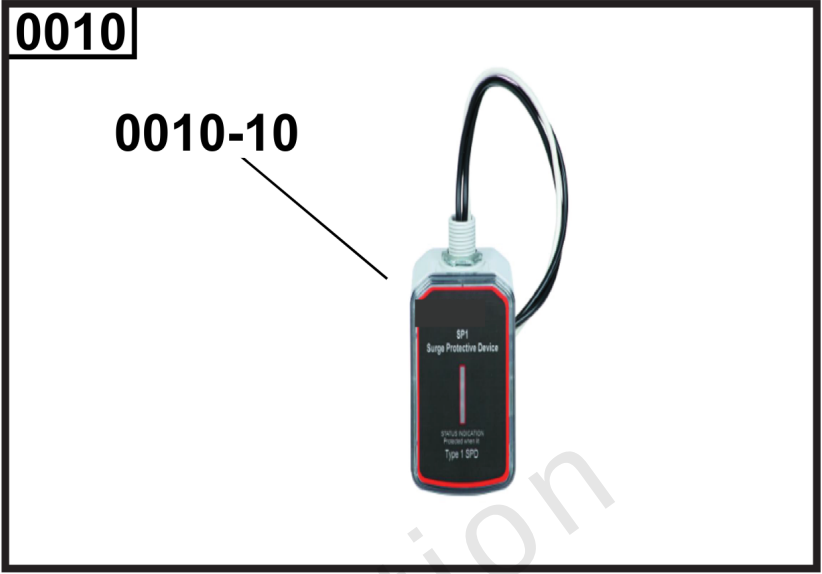


# 6631-00 - Surge Protective Device (SPD)

Not For  
Reproduction

**Surge Protective Device (SPD)**

Note: Unless noted otherwise, use the standard torque specifications Mfg. No: 6631-00



*Surge Protective Device (SPD)*

| REF NO  | PART NO | QTY | DESCRIPTION                                                |
|---------|---------|-----|------------------------------------------------------------|
| 0010    | 6631    | 1   | SURGE PROTECTIVE DEVICE (SPD)<br>-(Incl. Ref. No. 0010-10) |
| 0010-10 | -----   | 1   | SURGE PROTECTIVE DEVICE (SPD)                              |

Not For Reproduction



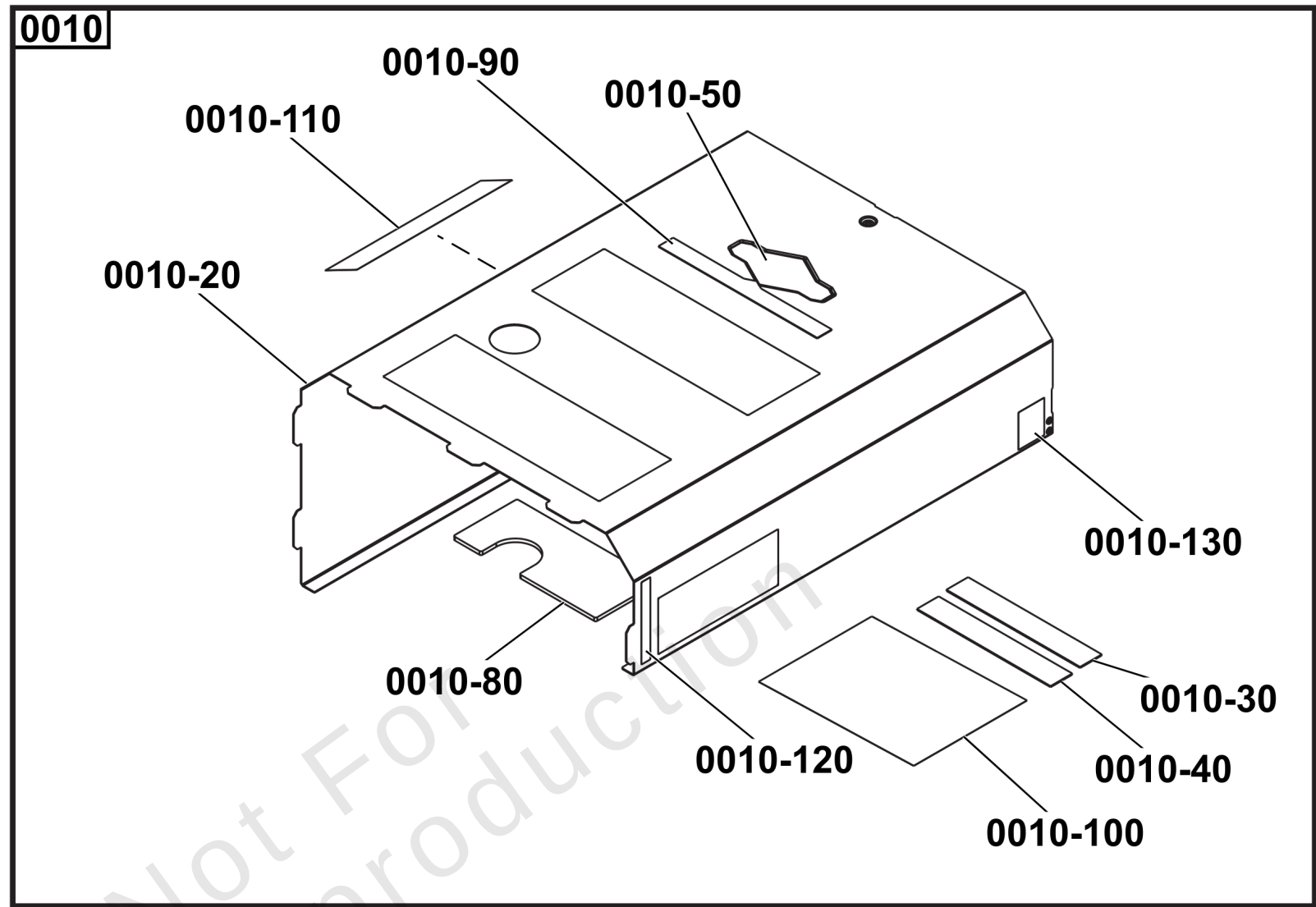
# 6910-00 - Front Panel Assembly

Not For  
Reproduction

Front Panel Assembly

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 6910-00



## Front Panel Assembly

| REF NO   | PART NO  | QTY | DESCRIPTION                                                                                                                                  |
|----------|----------|-----|----------------------------------------------------------------------------------------------------------------------------------------------|
| 0010     | 6910     | 1   | ASSEMBLY, Panel, Front<br>-(Incl. Ref. Nos. 0010-20, 0010-30, 0010-40, 0010-50, 0010-80, 0010-90,<br>0010-100, 0010-110, 0010-120, 0010-130) |
| 0010-20  | -----    | 1   | ENCLOSURE, Panel, Front                                                                                                                      |
| 0010-30  | -----    | 1   | DECAL                                                                                                                                        |
| 0010-40  | -----    | 1   | DECAL                                                                                                                                        |
| 0010-50  | -----    | 1   | DECAL                                                                                                                                        |
| 0010-80  | -----    | 1   | PANEL, Muffler Guard                                                                                                                         |
| 0010-90  | -----    | 1   | DECAL                                                                                                                                        |
| 0010-100 | 84010842 | 1   | DECAL, Warning, Sheet                                                                                                                        |
| 0010-110 | -----    | 1   | DECAL, Warning, Exhaust                                                                                                                      |
| 0010-120 | -----    | 1   | DECAL-RAINPROOF ENCLOSURE                                                                                                                    |
| 0010-130 | -----    | 1   | DECAL, Emergency Shutdown                                                                                                                    |



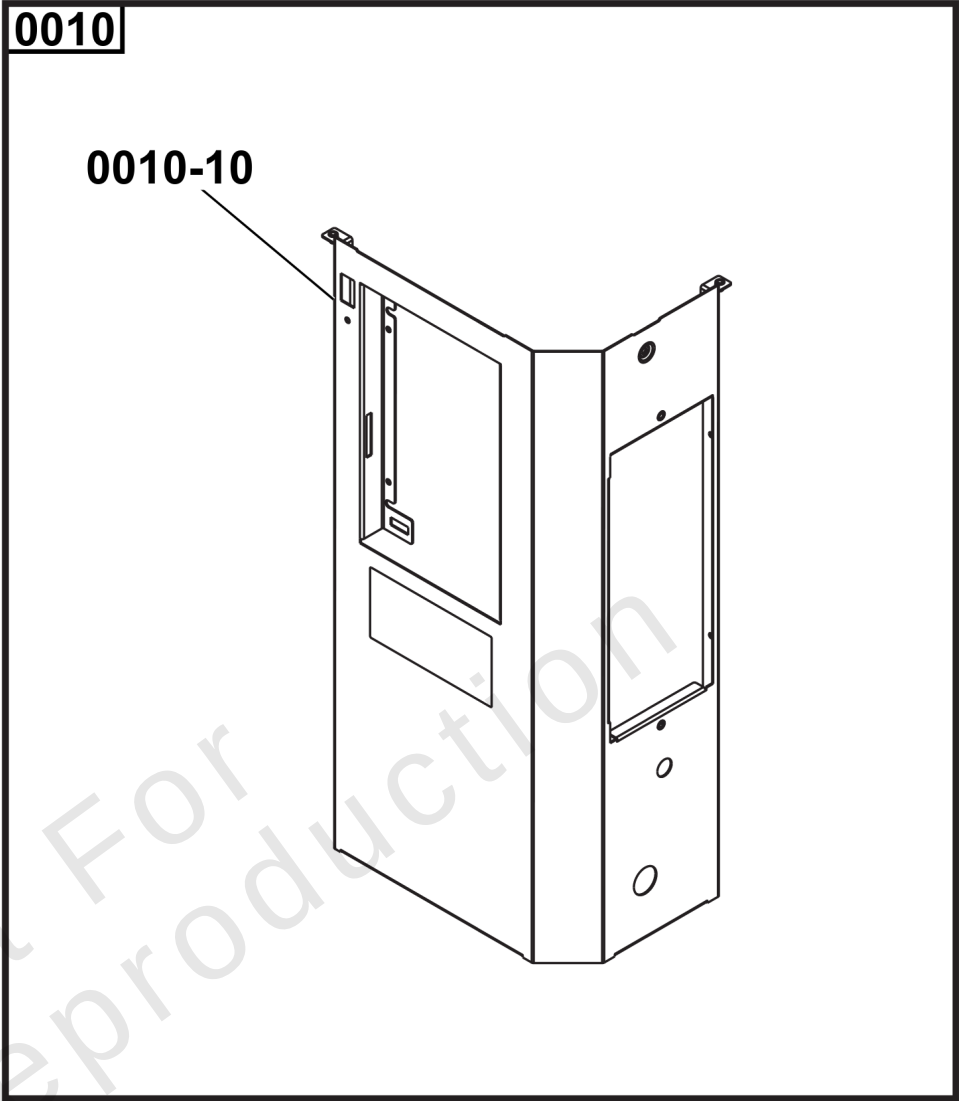
# 6911-00 - Right Panel Assembly

Not For  
Reproduction

**Right Panel Assembly**

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 6911-00



*Right Panel Assembly*

| REF NO  | PART NO | QTY | DESCRIPTION                                         |
|---------|---------|-----|-----------------------------------------------------|
| 0010    | 6911    | 1   | ASSEMBLY, Panel, Right<br>-(Incl. Ref. No. 0010-10) |
| 0010-10 | -----   | 1   | ASSEMBLY, Panel, Right                              |

Not For Reproduction



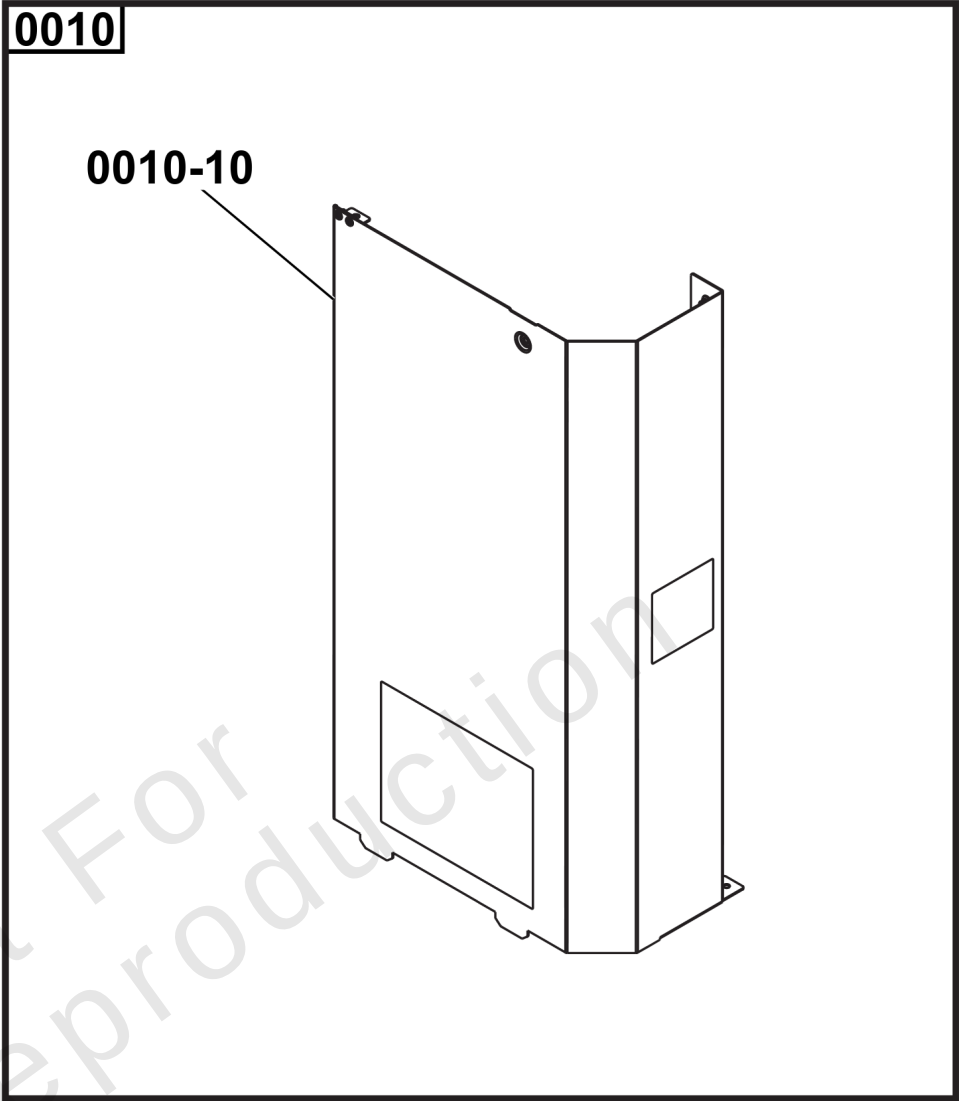
# 6912-00 - Left Panel Assembly

Not For  
Reproduction

**Left Panel Assembly**

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 6912-00



*Left Panel Assembly*

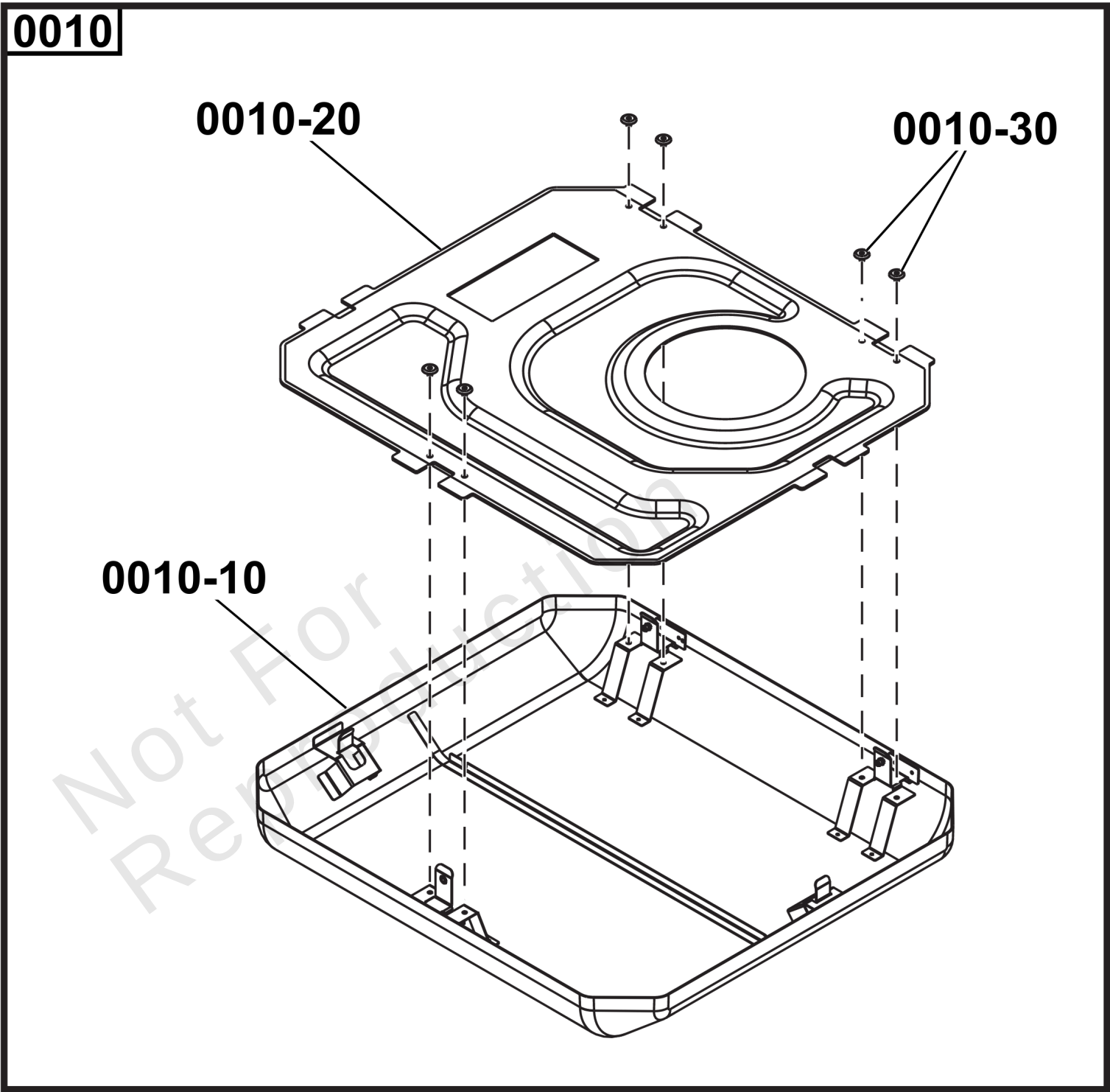
| REF NO  | PART NO | QTY | DESCRIPTION                                        |
|---------|---------|-----|----------------------------------------------------|
| 0010    | 6912    | 1   | ASSEMBLY, Panel, Left<br>-(Incl. Ref. No. 0010-10) |
| 0010-10 | -----   | 1   | ASSEMBLY, Panel, Left                              |

Not For Reproduction



## 6913-00 - Roof Assembly

Not For  
Reproduction



Roof Assembly

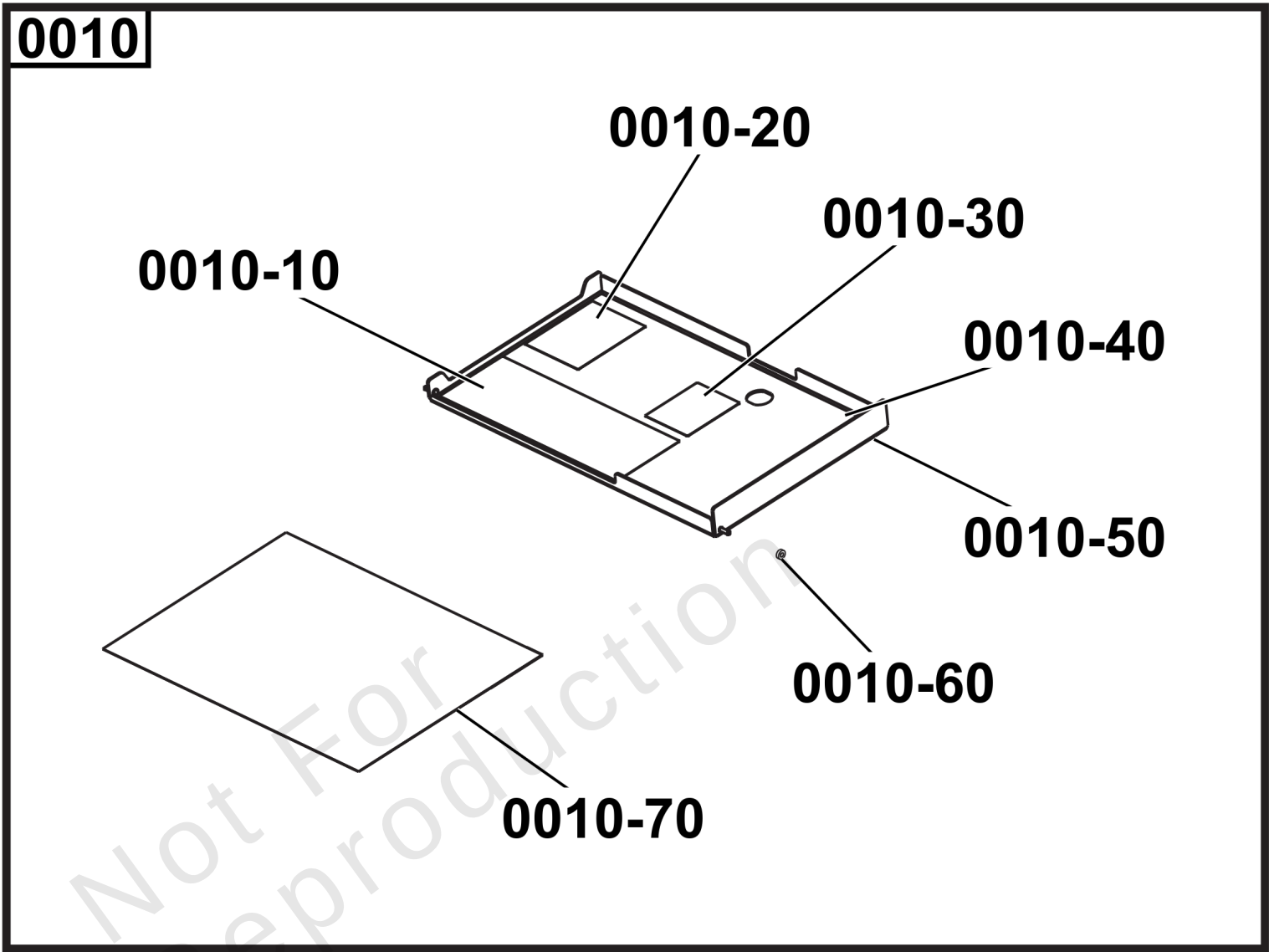
| REF NO  | PART NO | QTY | DESCRIPTION                                                    |
|---------|---------|-----|----------------------------------------------------------------|
| 0010    | 6913    | 1   | ASSEMBLY, Roof<br>-(Incl. Ref. Nos. 0010-10, 0010-20, 0010-30) |
| 0010-10 | -----   | 1   | ASSEMBLY, Roof                                                 |
| 0010-20 | -----   | 1   | DIVIDER, Roof                                                  |
| 0010-30 | -----   | 6   | RIVET, BLIND, 3/16 X 5/8                                       |

Not For Reproduction



# 6915-00 - Control Door Assembly

Not For  
Reproduction



Control Door Assembly

| REF NO  | PART NO  | QTY | DESCRIPTION                                                                                                      |
|---------|----------|-----|------------------------------------------------------------------------------------------------------------------|
| 0010    | 6915     |     | ASSEMBLY, Control Panel Door<br>-(Incl. Ref. Nos. 0010-10, 0010-20, 0010-30, 0010-40, 0010-50, 0010-60, 0010-70) |
| 0010-10 | -----    | 1   | DECAL, Notice Fuel Requirements                                                                                  |
| 0010-20 | -----    | 1   | DECAL, Warning, Manual                                                                                           |
| 0010-30 | -----    | 1   | DECAL, Warning                                                                                                   |
| 0010-40 | -----    | 1   | DECAL, MOR, AUBURN                                                                                               |
| 0010-50 | -----    | 1   | DOOR, Control Panel                                                                                              |
| 0010-60 | 703929   | 1   | WASHER-FLAT, NYLON                                                                                               |
| 0010-70 | 84010842 | 1   | DECAL, Warning, Sheet                                                                                            |



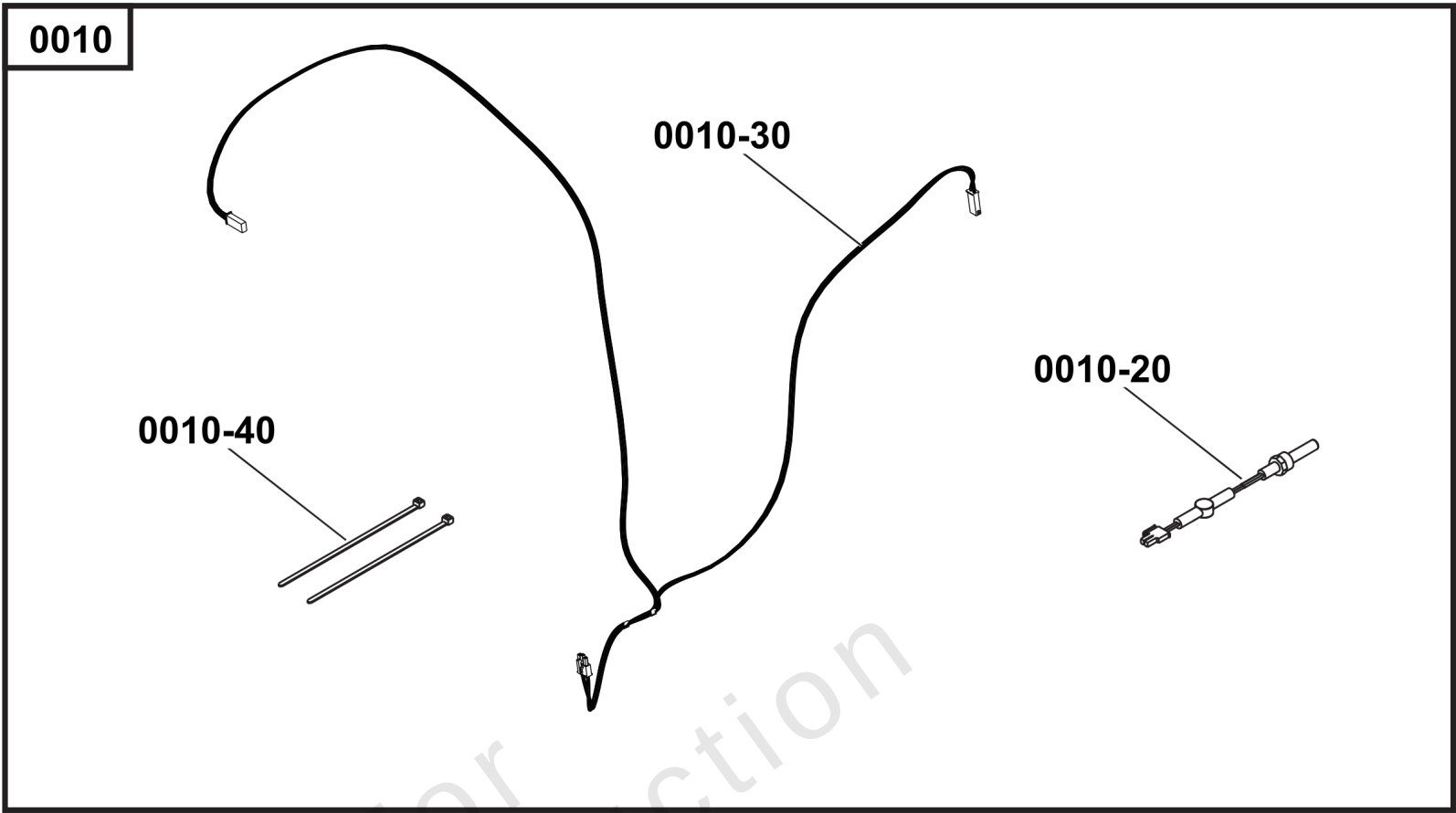
## 6922-00 - Oil Warmer

Not For  
Reproduction

*Oil Warmer*

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 6922-00



Not For  
Reproduction

*Oil Warmer*

| REF NO   | PART NO  | QTY | DESCRIPTION                                                    |
|----------|----------|-----|----------------------------------------------------------------|
| 0010     | 6922     | 1   | KIT, Oil Warmer<br>-(Incl. Ref. No. 0010-20, 0010-30, 0010-40) |
| 00010-20 | -----    | 1   | HEATER, Oil                                                    |
| 0010-30  | 84003363 | 1   | HARNESS, Cold Weather Kit                                      |
| 0010-40  | 29333AGS | 2   | TIEWRAP, 7 LG BLK                                              |

Not For Reproduction



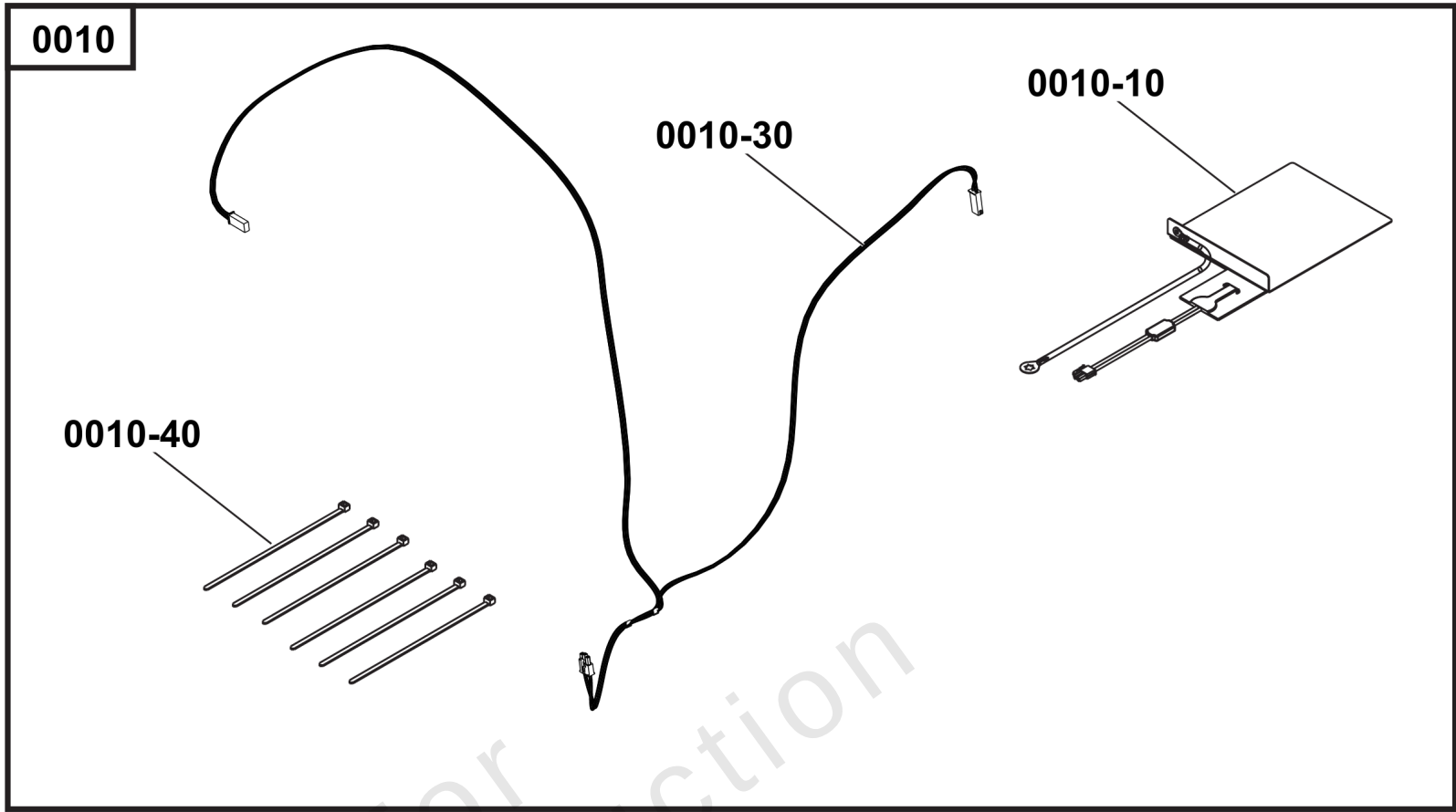
# 6921-01 - Battery Warmer

Not For  
Reproduction

**Battery Warmer**

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 6921-01



**Battery Warmer**

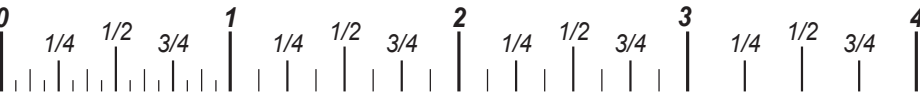
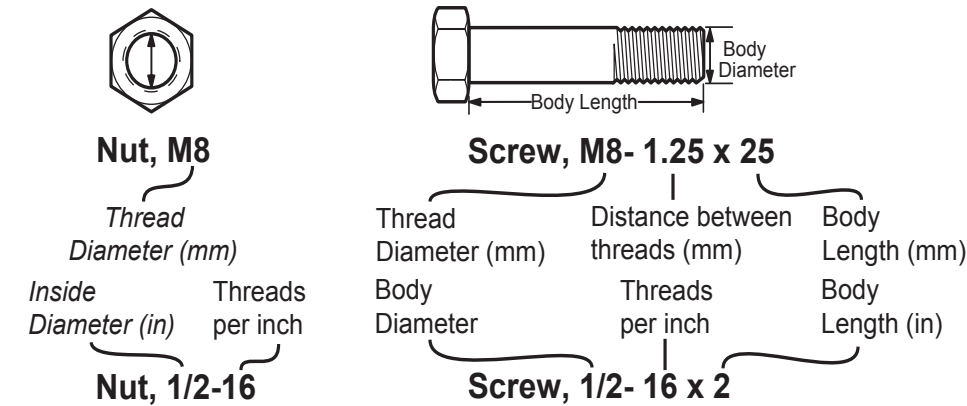
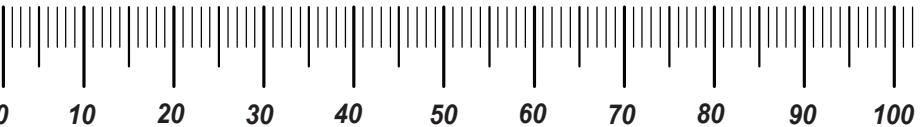
| REF NO  | PART NO  | QTY | DESCRIPTION                                                       |
|---------|----------|-----|-------------------------------------------------------------------|
| 0010    | 6921     | 1   | KIT, Cold Weather<br>-(Incl. Ref. Nos. 0010-10, 0010-30, 0010-40) |
| 0010-10 | 314941GS | 1   | PLATE, Warmer                                                     |
| 0010-30 | 84003363 | 1   | HARNESS, Cold Weather Kit                                         |
| 0010-40 | 29333AGS | 6   | TIEWRAP, 7 LG BLK                                                 |

Not For Reproduction

# Hardware Identification & Torque Specifications

| Torque Specification Chart                             |                                                                                                |      |                                                                                                |      |                                                                                                 |      |                                                                                                 |      |
|--------------------------------------------------------|------------------------------------------------------------------------------------------------|------|------------------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------------------|------|
| FOR STANDARD METRIC MACHINE HARDWARE (Tolerance ± 20%) |                                                                                                |      |                                                                                                |      |                                                                                                 |      |                                                                                                 |      |
| Property Class                                         | <br>Class 5.6 |      | <br>Class 8.8 |      | <br>Class 10.9 |      | <br>Class 12.9 |      |
| Size Of Hardware                                       | in/lbs<br>ft/lbs                                                                               | Nm.  | in/lbs<br>ft/lbs                                                                               | Nm.  | in/lbs<br>ft/lbs                                                                                | Nm.  | in/lbs<br>ft/lbs                                                                                | Nm.  |
| M3                                                     | 5.88                                                                                           | .56  | 13.44                                                                                          | 1.28 | 19.2                                                                                            | 1.80 | 22.92                                                                                           | 2.15 |
| M4                                                     | 13.44                                                                                          | 1.28 | 30.72                                                                                          | 2.90 | 43.44                                                                                           | 4.10 | 52.56                                                                                           | 4.95 |
| M5                                                     | 26.4                                                                                           | 2.50 | 60.96                                                                                          | 5.75 | 5.97                                                                                            | 8.10 | 7.15                                                                                            | 9.7  |
| M6                                                     | 44.64                                                                                          | 4.3  | 7.3                                                                                            | 9.9  | 10.3                                                                                            | 14   | 12.1                                                                                            | 16.5 |
| M7                                                     | 5.2                                                                                            | 7.1  | 12.1                                                                                           | 16.5 | 16.9                                                                                            | 23   | 19.9                                                                                            | 27   |
| M8                                                     | 7.7                                                                                            | 10.5 | 17.7                                                                                           | 24   | 25                                                                                              | 34   | 29                                                                                              | 40   |
| M10                                                    | 15                                                                                             | 21   | 35                                                                                             | 48   | 50                                                                                              | 67   | 59                                                                                              | 81   |
| M12                                                    | 26                                                                                             | 36   | 61                                                                                             | 83   | 86.2                                                                                            | 117  | 103                                                                                             | 140  |
| M14                                                    | 42                                                                                             | 58   | 101                                                                                            | 132  | 136                                                                                             | 185  | 162                                                                                             | 220  |
| M16                                                    | 64                                                                                             | 88   | 147                                                                                            | 200  | 210                                                                                             | 285  | 250                                                                                             | 340  |
| M18                                                    | 89                                                                                             | 121  | 202                                                                                            | 275  | 287                                                                                             | 390  | 346                                                                                             | 470  |
| M20                                                    | 126                                                                                            | 171  | 290                                                                                            | 390  | 405                                                                                             | 550  | 486                                                                                             | 660  |
| M22                                                    | 169                                                                                            | 230  | 390                                                                                            | 530  | 559                                                                                             | 745  | 656                                                                                             | 890  |
| M24                                                    | 217                                                                                            | 295  | 497                                                                                            | 375  | 708                                                                                             | 960  | 840                                                                                             | 1140 |
| M27                                                    | 320                                                                                            | 435  | 733                                                                                            | 995  | 1032                                                                                            | 1400 | 1239                                                                                            | 1680 |
| M30                                                    | 435                                                                                            | 590  | 995                                                                                            | 1350 | 1401                                                                                            | 1900 | 1681                                                                                            | 2280 |
| M33                                                    | 590                                                                                            | 800  | 1349                                                                                           | 1830 | 1902                                                                                            | 2580 | 2278                                                                                            | 3090 |
| M36                                                    | 759                                                                                            | 1030 | 1740                                                                                           | 2360 | 2441                                                                                            | 3310 | 2935                                                                                            | 3980 |
| M39                                                    | 988                                                                                            | 1340 | 2249                                                                                           | 3050 | 3163                                                                                            | 4290 | 3798                                                                                            | 5150 |

The guides and ruler furnished below are designed to help you select the appropriate hardware.



## Standard Hardware Sizing

When a washer or nut is identified as 1/2" (M8), this is the *Nominal size*, meaning the *inside diameter* is 1/2 inch (8mm metric thread diameter); if a second number is present it represents the *threads per inch* (distance between threads).

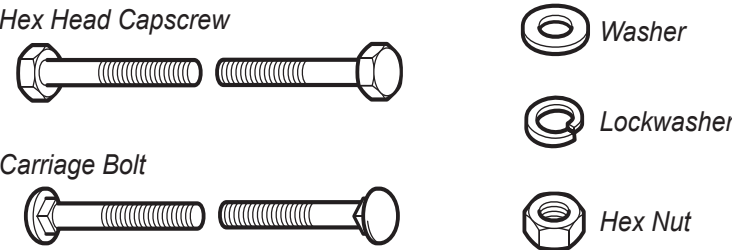
When bolt or capscrew is identified as 1/2 - 16 x 2" (M8 - 1.25 x 50), this means the *Nominal size*, or body diameter is 1/2 inch (8mm metric thread diameter), the second number, 16, represents the *threads per inch*, (*distance between threads*). The final number is the body length of the bolt or screw, 2 inches (50mm).

| Torque Specification Chart                      |                                                                                                    |       |                                                                                                    |       |                                                                                                    |         |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------|-------|----------------------------------------------------------------------------------------------------|-------|----------------------------------------------------------------------------------------------------|---------|
| FOR STANDARD MACHINE HARDWARE (Tolerance ± 20%) |                                                                                                    |       |                                                                                                    |       |                                                                                                    |         |
| Hardware Grade                                  | <br>SAE Grade 2 |       | <br>SAE Grade 5 |       | <br>SAE Grade 8 |         |
| Size Of Hardware                                | in/lbs<br>ft/lbs                                                                                   | Nm.   | in/lbs<br>ft/lbs                                                                                   | Nm.   | in/lbs<br>ft/lbs                                                                                   | Nm.     |
| 8-32                                            | 19                                                                                                 | 2.1   | 30                                                                                                 | 3.4   | 41                                                                                                 | 4.6     |
| 8-36                                            | 20                                                                                                 | 2.3   | 31                                                                                                 | 3.5   | 43                                                                                                 | 4.9     |
| 10-24                                           | 27                                                                                                 | 3.1   | 43                                                                                                 | 4.9   | 60                                                                                                 | 6.8     |
| 10-32                                           | 31                                                                                                 | 3.5   | 49                                                                                                 | 5.5   | 68                                                                                                 | 7.7     |
| 1/4-20                                          | 66                                                                                                 | 7.6   | 8                                                                                                  | 10.9  | 12                                                                                                 | 16.3    |
| 1/4-28                                          | 76                                                                                                 | 8.6   | 10                                                                                                 | 13.6  | 14                                                                                                 | 19.0    |
| 5/16-18                                         | 11                                                                                                 | 15.0  | 17                                                                                                 | 23.1  | 25                                                                                                 | 34.0    |
| 5/16-24                                         | 12                                                                                                 | 16.3  | 19                                                                                                 | 25.8  | 29                                                                                                 | 34.0    |
| 3/8-16                                          | 20                                                                                                 | 27.2  | 30                                                                                                 | 40.8  | 45                                                                                                 | 61.2    |
| 3/8-24                                          | 23                                                                                                 | 31.3  | 35                                                                                                 | 47.6  | 50                                                                                                 | 68.0    |
| 7/16-14                                         | 30                                                                                                 | 40.8  | 50                                                                                                 | 68.0  | 70                                                                                                 | 95.2    |
| 7/16-20                                         | 35                                                                                                 | 47.6  | 55                                                                                                 | 74.8  | 80                                                                                                 | 108.8   |
| 1/2-13                                          | 50                                                                                                 | 68.0  | 75                                                                                                 | 102.0 | 110                                                                                                | 149.6   |
| 1/2-20                                          | 55                                                                                                 | 74.8  | 90                                                                                                 | 122.4 | 120                                                                                                | 163.2   |
| 9/16-12                                         | 65                                                                                                 | 88.4  | 110                                                                                                | 149.6 | 150                                                                                                | 204.0   |
| 9/16-18                                         | 75                                                                                                 | 102.0 | 120                                                                                                | 163.2 | 170                                                                                                | 231.2   |
| 5/8-11                                          | 90                                                                                                 | 122.4 | 150                                                                                                | 204.0 | 220                                                                                                | 299.2   |
| 5/8-18                                          | 100                                                                                                | 136   | 180                                                                                                | 244.8 | 240                                                                                                | 326.4   |
| 3/4-10                                          | 160                                                                                                | 217.6 | 260                                                                                                | 353.6 | 386                                                                                                | 525.0   |
| 3/4-16                                          | 180                                                                                                | 244.8 | 300                                                                                                | 408.0 | 420                                                                                                | 571.2   |
| 7/8-9                                           | 140                                                                                                | 190.4 | 400                                                                                                | 544.0 | 600                                                                                                | 816.0   |
| 7/8-14                                          | 155                                                                                                | 210.8 | 440                                                                                                | 598.4 | 660                                                                                                | 897.6   |
| 1-8                                             | 220                                                                                                | 299.2 | 580                                                                                                | 788.8 | 900                                                                                                | 1,244.0 |
| 1-12                                            | 240                                                                                                | 326.4 | 640                                                                                                | 870.4 | 1,000                                                                                              | 1,360.0 |

### NOTES

- These torque values are to be used for all hardware excluding: locknuts, self-tapping screws, thread forming screws, sheet metal screws and socket head setscrews.
- Recommended seating torque values for locknuts:
  - for prevailing torque locknuts - use 65% of grade 5 torques.
  - for flange whizlock nuts and screws - use 135% of grade 5 torques.
- Unless otherwise noted on assembly drawings, all torque values must meet this specification.

## Common Hardware Types



## Wrench & Fastener Size Guide

|                                                                                                                           |                                                                                                                           |                                                                                                                           |                                                                                                                                                         |                                                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <br>1/4" Bolt or Nut<br>Wrench—7/16" | <br>5/16" Bolt or Nut<br>Wrench—1/2" | <br>3/8" Bolt or Nut<br>Wrench—9/16" | <br>7/16" Bolt or Nut<br>Wrench (Bolt)—5/8"<br>Wrench (Nut)—11/16" | <br>1/2" Bolt or Nut<br>Wrench—3/4" |
| M6 Bolt or Nut<br>Wrench—10mm                                                                                             | M8 Bolt or Nut<br>Wrench—13mm                                                                                             | M10 Bolt or Nut<br>Wrench—17mm                                                                                            | M12 Bolt or Nut<br>Wrench—19mm                                                                                                                          | M14 Bolt or Nut<br>Wrench—22mm                                                                                           |

