
CUSHMAN[®]

HAULSTERS[®] and

TURF-TRUCKSTERS[®]

CUSHMAN 327 and KAWASAKI
LIQUID-COOLED - GASOLINE ENGINE

MODELS:

898438 - 3 WHEEL INDUSTRIAL
898439 - 3 WHEEL FULL TON
898445 - 4 WHEEL INDUSTRIAL
898449 - 4 WHEEL FULL TON
898462C - 4 WHEEL FLATBED
898465B - 3 WHEEL FLATBED
898469B - 4 WHEEL FULL TON
898536 - 3 WHEEL TURF
898537 - 4 WHEEL TURF
898630A - 3 WHEEL TURF
898632B - 4 WHEEL TURF
898635A - 4 WHEEL TURF SPRAYER

PERKINS
LIQUID-COOLED - DIESEL ENGINE

MODELS:

898636 - 3 WHEEL TURF
898637 - 4 WHEEL TURF

PARTS MANUAL

BOB-CAT • BUNTON • CUSHMAN • JACOBSEN • RANSOMES • RYAN

TEXTRON

TURF CARE AND SPECIALTY PRODUCTS

Part No. 842584 Rev. 3



WARNING

- When replacement parts are required, use genuine CUSHMAN parts or parts with equivalent characteristics including type, strength and material. Failure to do so may result in product malfunction and possible injury to the operator and/or bystanders.
- Illustrations in this manual are a reference guide for parts identification only. Since these illustrations may not depict actual positioning of component parts, they should not be used as an assembly diagram. Doing so may result in improper assembly leading to sudden failure.

Cushman Inc., A Ransomes Company, reserves the right to make changes at any time, without notice, in specifications and models and also to discontinue models and the accessories designed to be used on these models. The right is also reserved to change specifications or parts at any time without incurring any obligation to equip same on models manufactured prior to date of such change.

While the information contained in this parts manual is based on the latest product information available at the time of publication, the continuing accuracy of this parts manual cannot be guaranteed.

VEHICLE IDENTIFICATION NUMBERS

THE MODEL AND SERIAL NUMBERS MUST APPEAR ON ALL CORRESPONDENCE CONCERNING THE VEHICLE.

The model number, serial number and vehicle identification number are stamped on the decal located on upper left portion of the kick panel (See Fig 1).

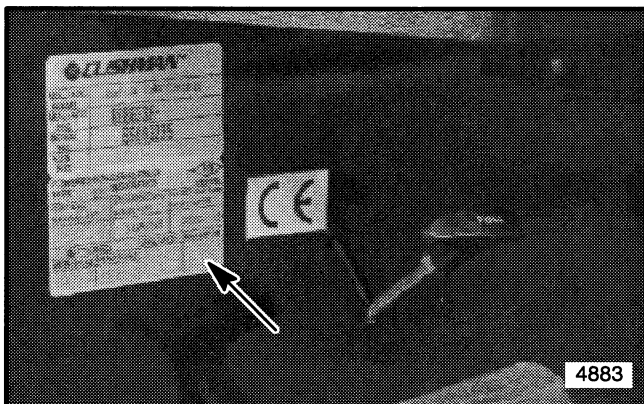


Figure 1
Identification Decal

MODEL AND SERIAL NUMBERS

The vehicle model number and serial number are stamped on the RIGHT side of the FRONT frame member just ahead of the kick panel (See Fig 2).

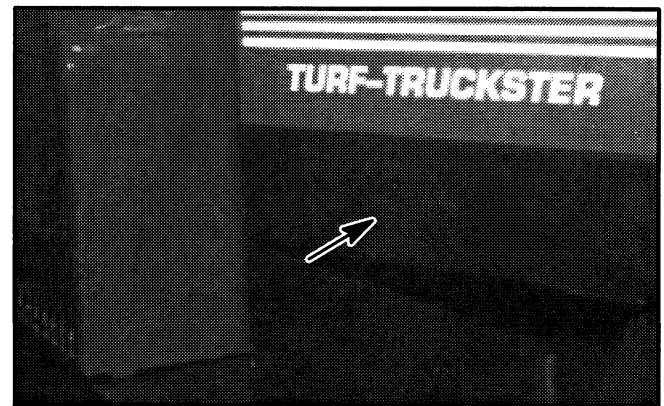


Figure 2
Model and Serial Numbers

IMPORTANT!

THIS EQUIPMENT SHOULD NOT BE MODIFIED OR ADDED TO WITHOUT THE MANUFACTURER'S AUTHORIZATION.



WARNING

- Altering this equipment in any manner which adversely affects the equipments operation, performance, durability or use, may cause hazardous conditions.

MODIFICATIONS AND ACCESSORIES

Factory installed modifications and accessories are available for use on this vehicle.

Read and understand all literature before attempting to operate this vehicle or any attached equipment.

NOTICE

- Some vehicles may be equipped with special options that are not serviced by Cushman Inc.
- The addition of accessories not of manufacturer's design may result in erratic vehicle operation, improper battery charging and discharging, and failure of vehicle components.

Direct any inquiries to:

Ransomes America Corporation
Attn: Chief Engineer
P.O. Box 82409
Lincoln, NE 68501-2409 USA

SPECIFICATION INFORMATION

All information contained in this manual is the latest available at the time of printing. Ransomes America Corp. reserves the right to make changes at any time without notice.

NOTICE

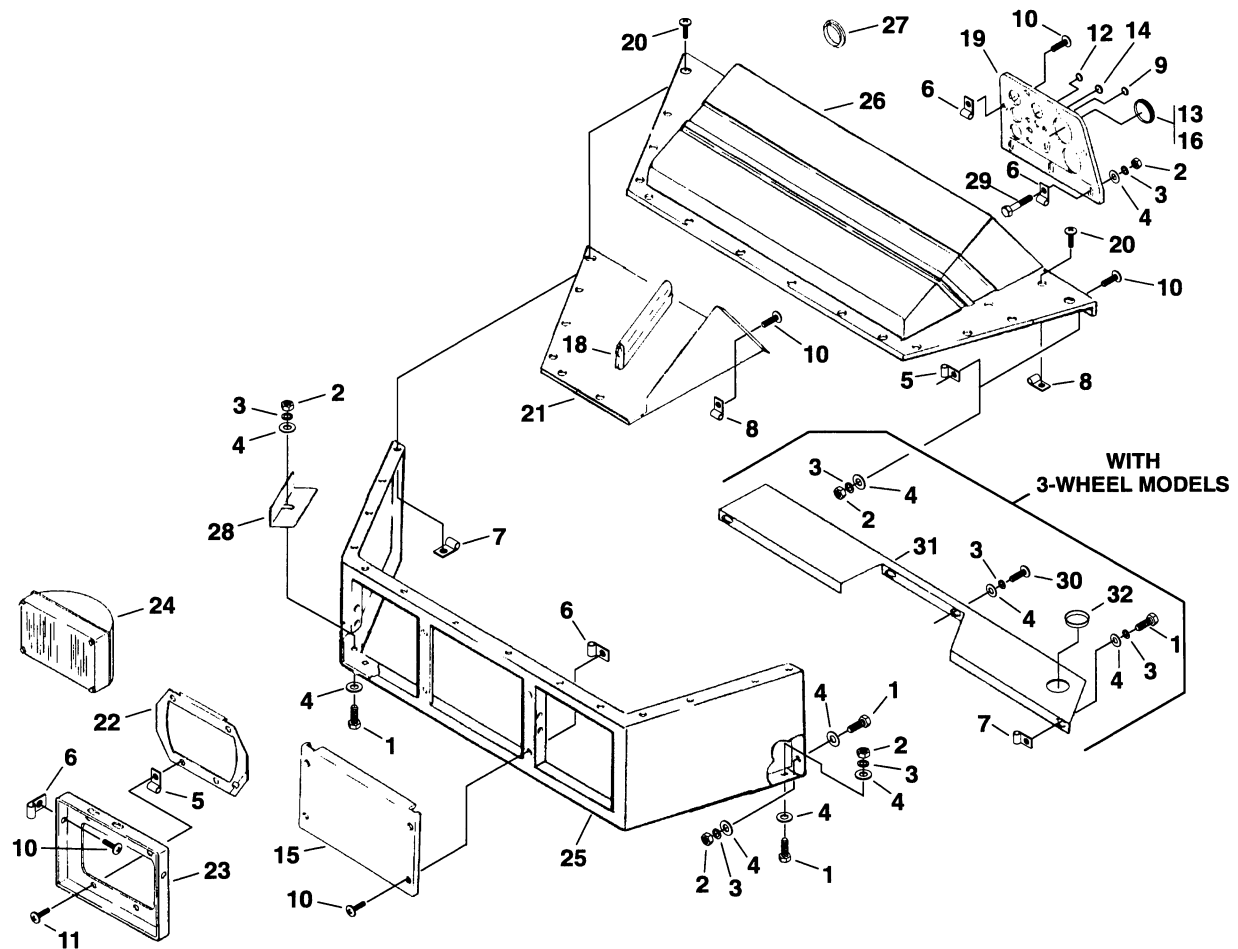
- After you identify a part by the reference number and the six digit cushman part number, ***always read the description of the part to be sure it is what you want.***

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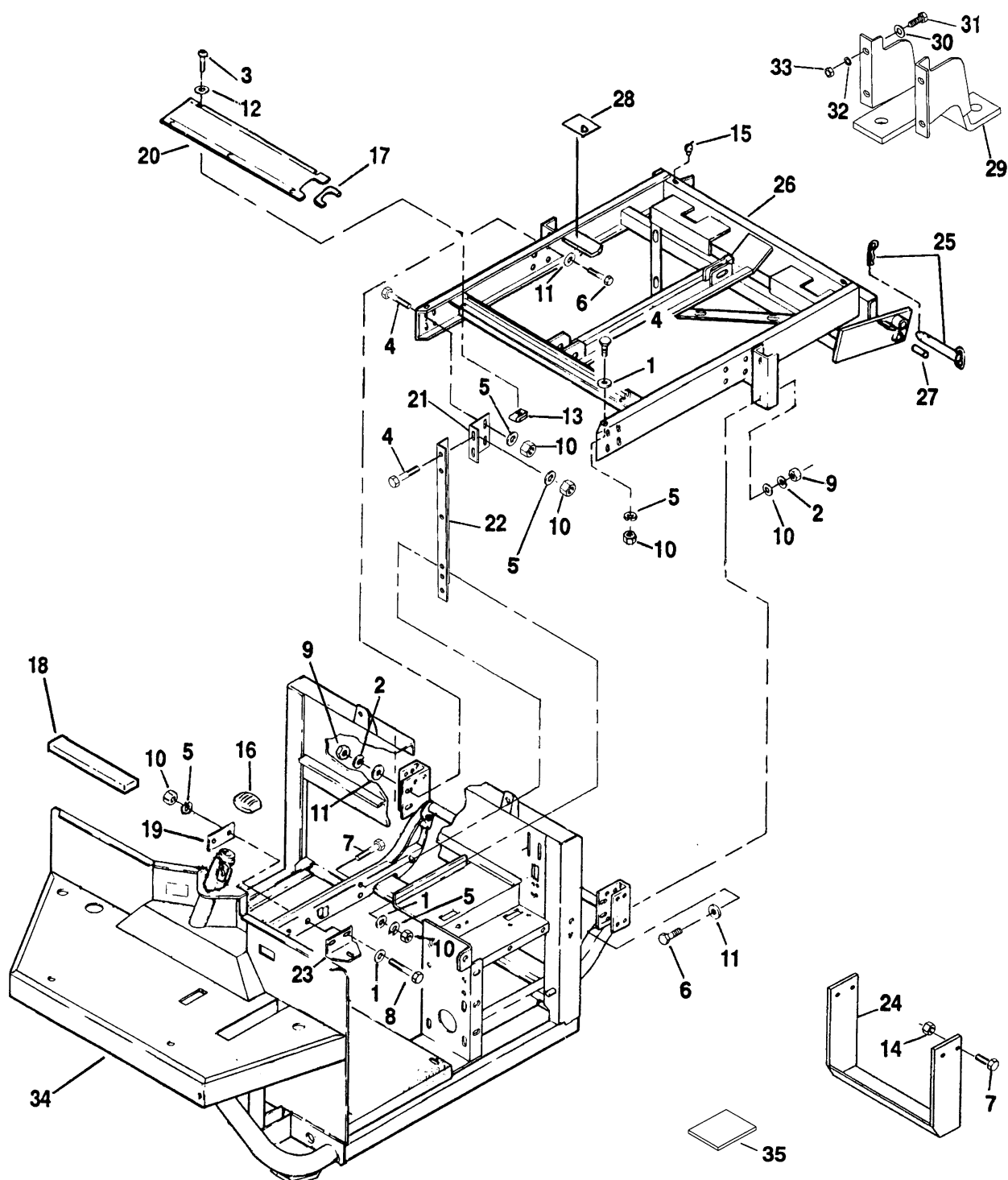
PANELS: DASH, INSTRUMENT, FRONT BODY, GLOVE BOX AND HEADLIGHT



Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	300646	Screw, 1/4-20 x 3/4"	10	18	830908	Seal, push on, 25' (7.6M)	As Req'd.
2	306375	Nut, 1/4-20	13	19	840907	Panel, instrument	1
3	306396	Lockwasher, 1/4"	17	20	833830	Screw, 1/4-20 x 3/4", shoulder	16
4	308090	Washer, 1/4"	25	21	834083	Panel, glove box (4 wheel)	1
5	800169	Nut, 1/4-20, speed	9		833326	Panel, glove box (3 wheel)	1
6	800279	Nut, 1/4-20, speed	15	22	836832	Panel, retainer	2
7	800449	Nut, 1/4-20, speed	14	23	836833	Panel, headlight	2
8	800495	Nut, 1/4-20, speed	10	24	837303	Headlight, rectangular	2
9	800580	Plug, hole (light switch)	1	25	885835	Body, front (4 wheel)	1
10	800582	Screw, 1/4-20 x 3/4", P.T.H.	19		885833	Body, front (3 wheel)	1
11	800739	Screw, 1/4-20 x 1 1/2"	6	26	889160	Panel, dash (4 wheel)	1
12	811650	Plug, hole (heater switch)	1		889159	Panel, dash (3 wheel)	1
13	824438	Plug, hole (tachometer)	1	27	829101	•Plug, hole, defroster	1
14	825919	Plug, hole (hazard & highbeam)	2	28	833943	Bracket, clamping	2
15	828623	Panel, front body	1	29	302288	Screw, 1/4-20 x 1"	3
16	830083	Plug, hole (speedometer)	1	30	800026	Screw, 1/4-20 x 3/4", P.T.H.	4
17	830355	Seal, weather, 1/4" x 1/2" x 35' (10.3M)	As Req'd.	31	833371	Brace, dash (3-wheel models)	1
				32	842863	Plug, access	1

• INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN PRECEDING ASSEMBLY.

**FOOT PEDAL COVERS, MAIN FRAME, CHASSIS, ACCESS PANEL,
ENGINE MOUNT SUPPORTS AND UPRIGHT DECK SUPPORTS
MODELS 898536, 898636, 898630A and 898438†**



† NOTE:
MODEL 898438 USES THE MAIN FRAME
(REF. NO. 34) ON THIS PAGE AND THE
REAR PLATFORM FRAME PART NO. 888311
SHOWN ON PAGES 6-7.

**FOOT PEDAL COVERS, MAIN FRAME, CHASSIS, ACCESS PANEL,
ENGINE MOUNT SUPPORTS AND UPRIGHT DECK SUPPORTS
MODELS 898536, 898636, 898630A and 898438†**

Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	103867	Washer, 5/16"	16	24	838478	Guard, throttle	1
2	120177	Lockwasher, 3/8"	8	25	882971	Pin, pivot	2
3	300646	Screw, 1/4-20 x 3/4"	6	26	890208	Frame, platform	1
4	306322	Screw, 5/16-18 x 7/8"	7	27	805196	•Bushings	2
5	306325	Lockwasher, 5/16"	14	28	837406	•Decal, safety	1
6	306414	Screw, 3/8-16 x 1"	8	29	892795	•Drawbar	1
7	306450	Screw, 5/16-18 x 3/4"	4	30	103867	•Washer, 5/16"	4
8	306464	Screw, 5/16-18 x 2 1/2"	8	31	306322	•Screw, 5/16-18 x 7/8"	4
9	306562	Nut, 3/8-16	8	32	306325	•Lockwasher, 5/16"	4
10	306932	Nut, 5/16-18	15	33	306932	•Nut, 5/16-18	4
11	306981	Washer, 3/8"	22	34	890081	Frame, main w/decals	1
12	308090	Washer, 1/4"	6	*	807439	•Fitting, lubrication, straight	2
13	800279	Nut, speed, 1/4-20	6	*	807443	•Fitting, lubrication, 45°	1
14	800290	Nut, lock, 5/16-18	4	*	816991	•Decal, battery warning	1
15	810149	Bumper, rubber	2	*	821071	•Decal, identification plate	1
16	810152	Pad, pedal cover	2	*	822819	•Decal, parking brake	1
17	821893	Trim, 12' (3.6M)	As Req'd	*	825622	•Decal, brake fluid warning	1
18	830355	Seal, weather, 1/4" x 1/2" x 35' (10.7M)	As Req'd.	*	826620	•Decal, operation	1
19	830762	Plate, engine support	2	*	826728	•Decal, throttle, safety warning ..	1
20	830842	Panel, access	1	*	828081	•Decal, auxiliary transmission, safety warning	1
21	833029	Plate, platform support	2	*	828082	•Decal, governor & throttle	1
22	833192	Angle, platform support	2	35	828577	Pad	1
23	833490	Support, engine	2				

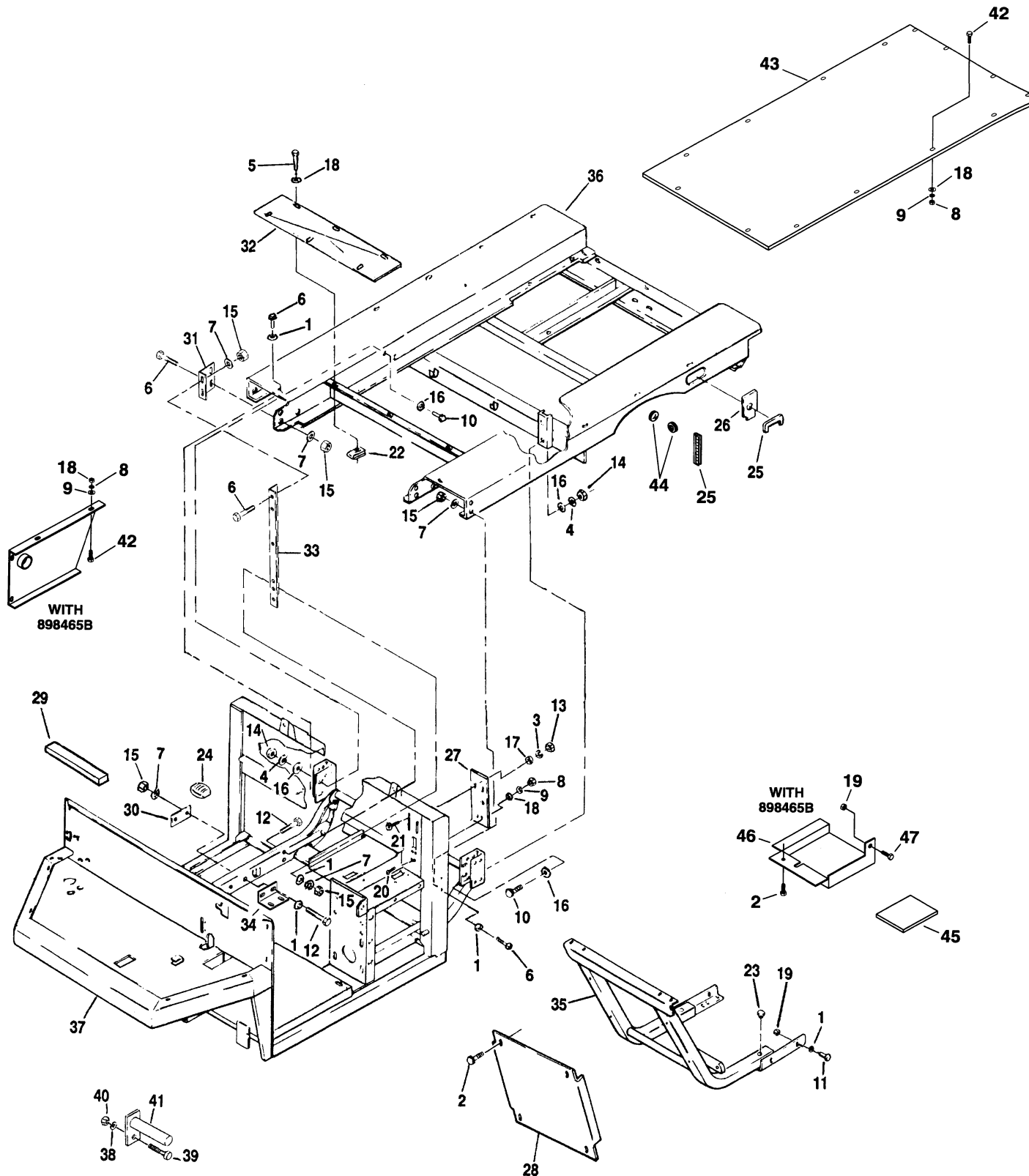
• INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN PRECEDING ASSEMBLY.

* Not Illustrated

† NOTE:

MODEL 898438 USES THE MAIN FRAME
(REF. NO. 34) ON THIS PAGE AND THE
REAR PLATFORM FRAME PART NO. 888311
SHOWN ON PAGES 6-7.

**AXLE GUARD FRAME, FOOT PEDAL COVERS, MAIN FRAME,
PLATFORM FRAME, SHIELD, STOPWALL HOLE COVER,
ENGINE MOUNT SUPPORTS AND ANGLE DECK SUPPORTS
MODELS 898445, 898465B & 898462C**



P893895, P891057

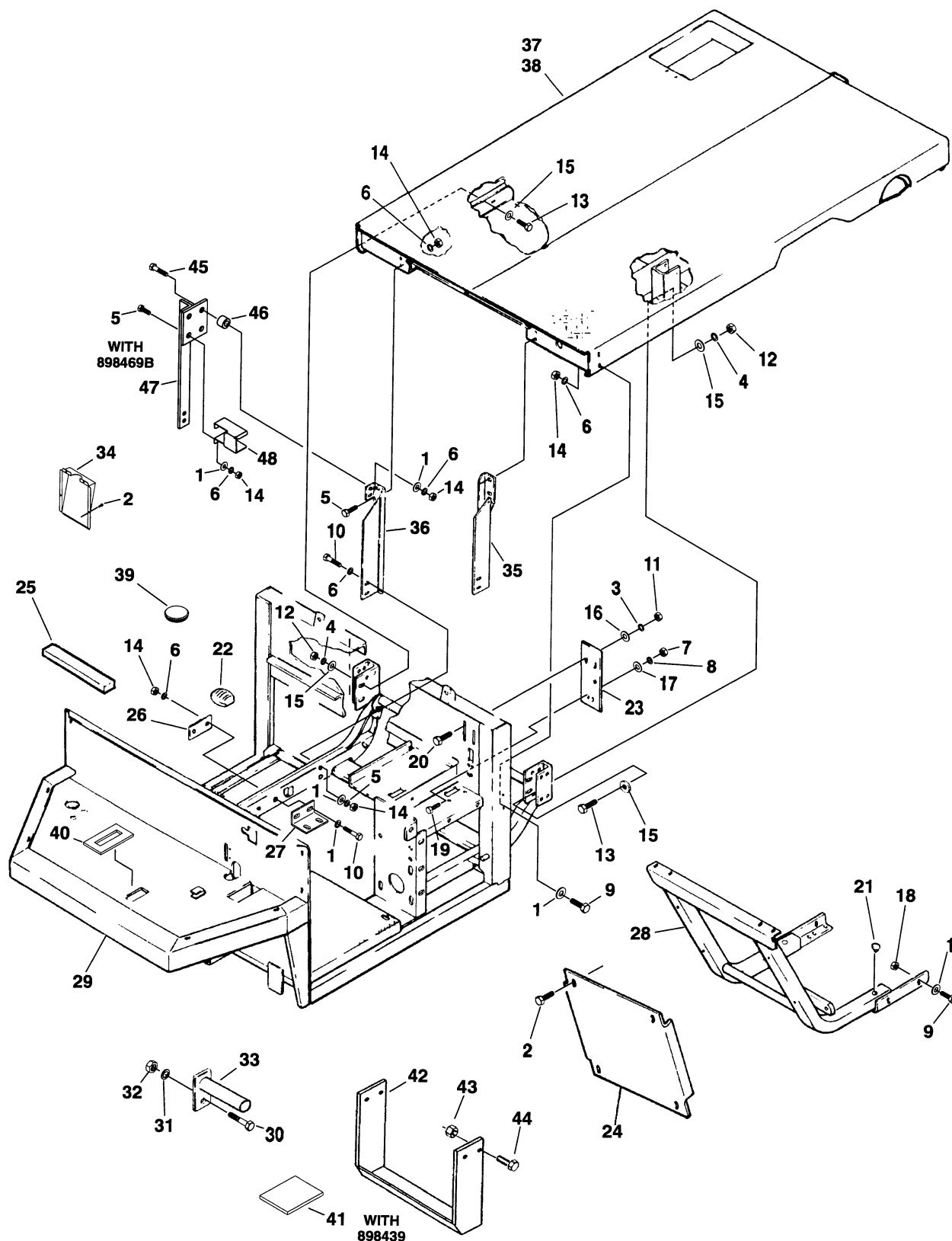
**AXLE GUARD FRAME, FOOT PEDAL COVERS, MAIN FRAME,
PLATFORM FRAME, SHIELD, STOPWALL HOLE COVER,
ENGINE MOUNT SUPPORTS AND ANGLE DECK SUPPORTS
MODELS 898445, 898465B & 898462C**

Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	103867	Washer, 5/16"	34	31	833029	Plate, platform support	2
2	112050	Screw, 1/4-20 x 5/8", tapping	5	32	833031	Panel, access, filler	1
3	120052	Lockwasher, #10	2	33	833192	Angle, platform support	2
4	120177	Lockwasher, 3/8"	8	34	833490	Support, engine	2
5	300646	Screw, 1/4-20 x 3/4"	8	35	885476	Frame, axle guard	1
6	306322	Screw, 5/16-18 x 7/8"	10	36	888311	Frame, platform	1
7	306325	Lockwasher, 5/16"	28	37	892447	Frame, main w/decals & clutch pedal pivot shaft	1
8	306375	Nut, 1/4-20	24	38	306325	•Lockwasher, 5/16"	1
9	306396	Lockwasher, 1/4"	24	39	306450	•Screw, 5/16-18 x 3/4"	1
10	306414	Screw, 3/8-16 x 1"	8	40	306932	•Nut, 5/16-18	1
11	306416	Screw, 5/16-18 x 1"	12	*	807439	•Fitting, lubrication, straight	2
12	306464	Screw, 5/16-18 x 2 1/2"	8	*	816991	•Decal, battery warning	1
13	306531	Nut, #10-24	2	*	821071	•Decal, identification plate	1
14	306562	Nut, 3/8-16	8	*	822819	•Decal, parking brake	1
15	306932	Nut, 5/16-18	24	*	825622	•Decal, brake fluid warning	1
16	306981	Washer, 3/8"	12	*	826307	•Decal, safety warning	1
17	308089	Washer, #10	2	*	826728	•Decal, throttle, safety warning ..	1
18	308090	Washer, 1/4"	32	*	828082	•Decal, governor & throttle	1
19	548911	Nut, 5/16-18, flangelock	8	*	828913	•Decal, parking brake release ...	1
20	800019	Screw, 1/4-20 x 1/2", P.T.H.	2	*	834748	•Decal, safety	1
21	800271	Screw, #10-24 x 1/2", P.T.H.	2	*	838695	•Decal, auxiliary transmission ...	1
22	800279	Nut, speed, 1/4-20	6	*	838696	•Decal, power take-off	1
23	810149	Bumper, rubber	2	*	838700	•Decal, auxiliary transmission ...	1
24	810152	Pad, pedal cover	2	41	888599	•Shaft, clutch pedal pivot	1
25	821893	Trim, 12' (3.6M)	As Req'd	42	800026	Screw, 1/4-20 x 3/4	14
26	826687	Shield, filler neck	1	43	837762	Platform, rear	1
27	828107	Cover, stopwall holes	1	44	809231	Grommet	1
28	828609	Shield, modesty	1	45	828577	Pad	1
29	830355	Seal, weather, 1/4" x 1/2" x 35' (10.7M)	As Req'd.	46	838477	Guard, throttle pedal	1
30	830762	Plate, engine support	2	47	306450	Screw, 5/16-18 x 3/4	1

• INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN PRECEDING ASSEMBLY.

* Not Illustrated

**FOOT PEDAL COVERS, ENGINE MOUNT SUPPORTS, MODESTY SHIELD,
AXLE GUARD FRAME, MAIN FRAME, ANGLE DECK SUPPORTS and
PLATFORM (REAR DECK) STOPWALL HOLE COVER
MODELS 898439, 898449 & 898469B**



P893894, P893906, P892721

**FOOT PEDAL COVERS, ENGINE MOUNT SUPPORTS, MODESTY SHIELD,
AXLE GUARD FRAME, MAIN FRAME, ANGLE DECK SUPPORTS and
PLATFORM (REAR DECK) STOPWALL HOLE COVER
MODELS 898439, 898449 & 898469B**

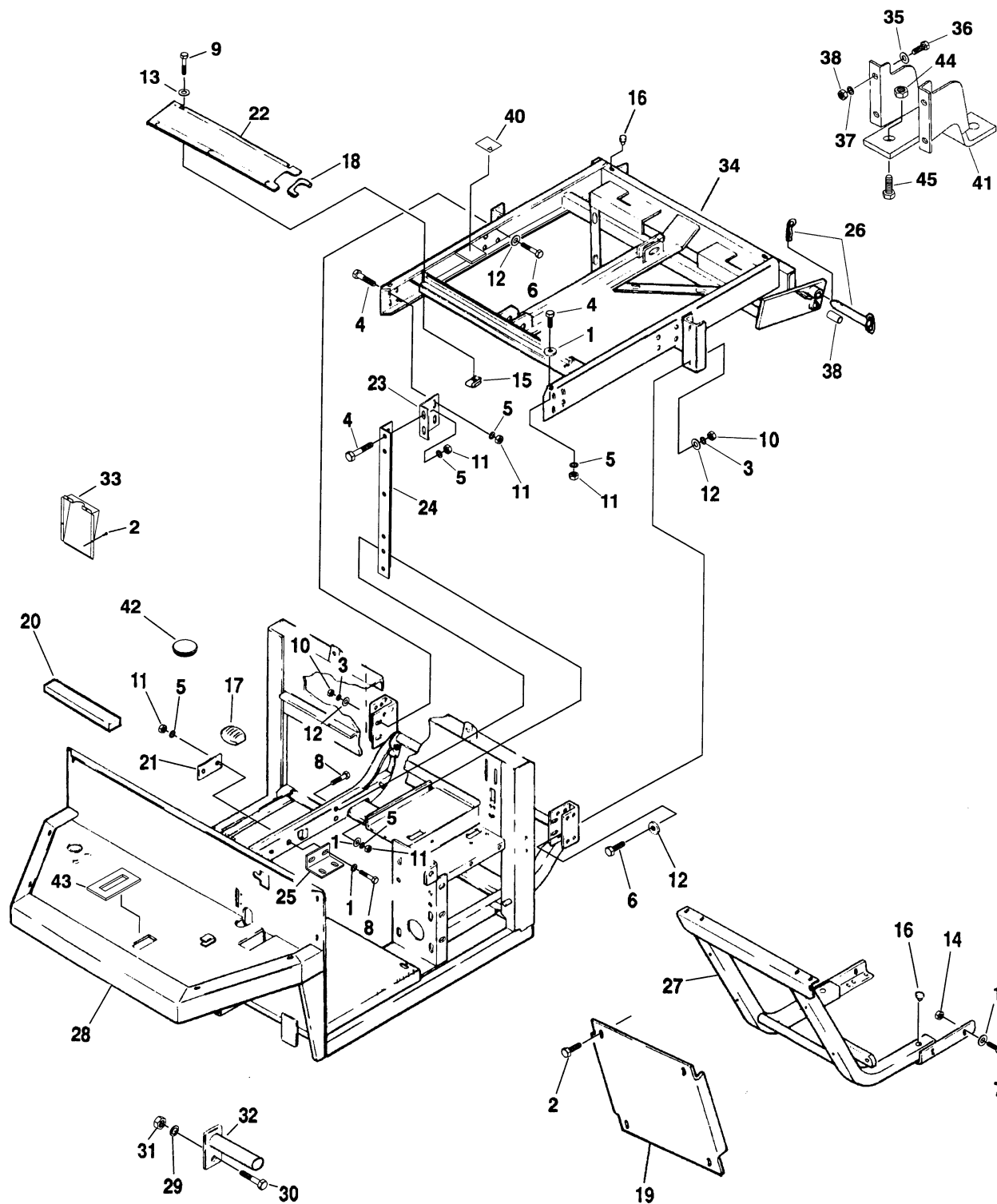
Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	103867	Washer, 5/16"	26	32	306932	•Nut, 5/16-18	1
2	112050	Screw, 1/4-20 x 5/8", tapping	9	*	807439	•Fitting, lubrication, straight	2
3	120052	Lockwasher, #10	2	*	816991	•Decal, battery warning	1
4	120177	Lockwasher, 3/8"	8	*	821071	•Decal, identification plate	1
5	306322	Screw, 5/16-18 x 7/8"	6	*	822819	•Decal, parking brake	1
6	306325	Lockwasher, 5/16"	34	*	825622	•Decal, brake fluid warning	1
7	306375	Nut, 1/4-20	2	*	826307	•Decal, safety warning	1
8	306396	Lockwasher, 1/4"	2	*	826728	•Decal, throttle, safety warning ..	1
9	306416	Screw, 5/16-18 x 1"	12	*	828082	•Decal, governor & throttle	1
10	306464	Screw, 5/16-18 x 2 1/2"	8	*	828913	•Decal, parking brake release ...	1
11	306531	Nut, #10-24	2	*	834748	•Decal, safety	1
12	306562	Nut, 3/8-16	8	*	838695	•Decal, auxiliary transmission ...	1
13	306835	Screw, 3/8-16 x 1 1/4"	8	*	838696	•Decal, power take-off	1
14	306932	Nut, 5/16-18	30	*	838700	•Decal, auxiliary transmission ...	1
15	306981	Washer, 3/8"	16	33	888599	•Shaft, clutch pedal pivot	1
16	308089	Washer, #10	2	34	869099	•Cover, steering gear	1
17	308090	Washer, 1/4"	2	35	890098	Support, flatbed (left)	1
18	548911	Nut, 5/16-18, flangelock	8	36	890099	Support, flatbed (right)	1
19	800019	Screw, 1/4-20 x 1/2" PTH	2	37	891384	Platform (rear deck) 1 ton, complete	1
20	800271	Screw, 10-24 x 1/2" PTH	2	38	891226	Platform only	1
21	810149	Bumper, rubber	2	39	829101	Plug, hole	1
22	810152	Pad, pedal cover	2	40	836389	Gasket, horn	1
23	828107	Cover, stopwall holes	1	41	828577	Pad	1
24	828609	Shield, modesty	1	42	838478	Guard, throttle	1
25	830355	Seal, weather, 35' (10.7M) As Req'd.		43	800290	Nut, lock 5/16-18	4
26	830762	Plate, engine support	2	44	306450	Screw, 5/16-18 x 3/4	4
27	839902	Support, engine	2	45	306435	Screw, 5/16-18 x 1 1/4	2
28	885476	Frame, axle guard	1	46	822474	Spacer	2
29◇	892447	Frame, main w/decals & clutch pedal pivot shaft	1	47	833192	Support, platform	1
30	306322	•Screw, 5/16-18 x 3/4"	1	48	833376	Bracket, bottle	1
31	306325	•Lockwasher, 5/16"	1				

• INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN PRECEDING ASSEMBLY.

◇ Remove and discard decals that DO NOT apply to your vehicle

* Not Illustrated

**MAIN FRAME, TURF CHASSIS, ACCESS PANEL, FOOT PEDAL COVERS,
ENGINE MOUNT SUPPORTS, MODESTY SHIELD, AXLE GUARD AND
PLATFORM SUPPORTS**
MODELS 898537, 898632B, 898635A and 898637



**MAIN FRAME, TURF CHASSIS, ACCESS PANEL, FOOT PEDAL COVERS,
ENGINE MOUNT SUPPORTS, MODESTY SHIELD, AXLE GUARD AND
PLATFORM SUPPORTS
MODELS 898537, 898632B, 898635A and 898637**

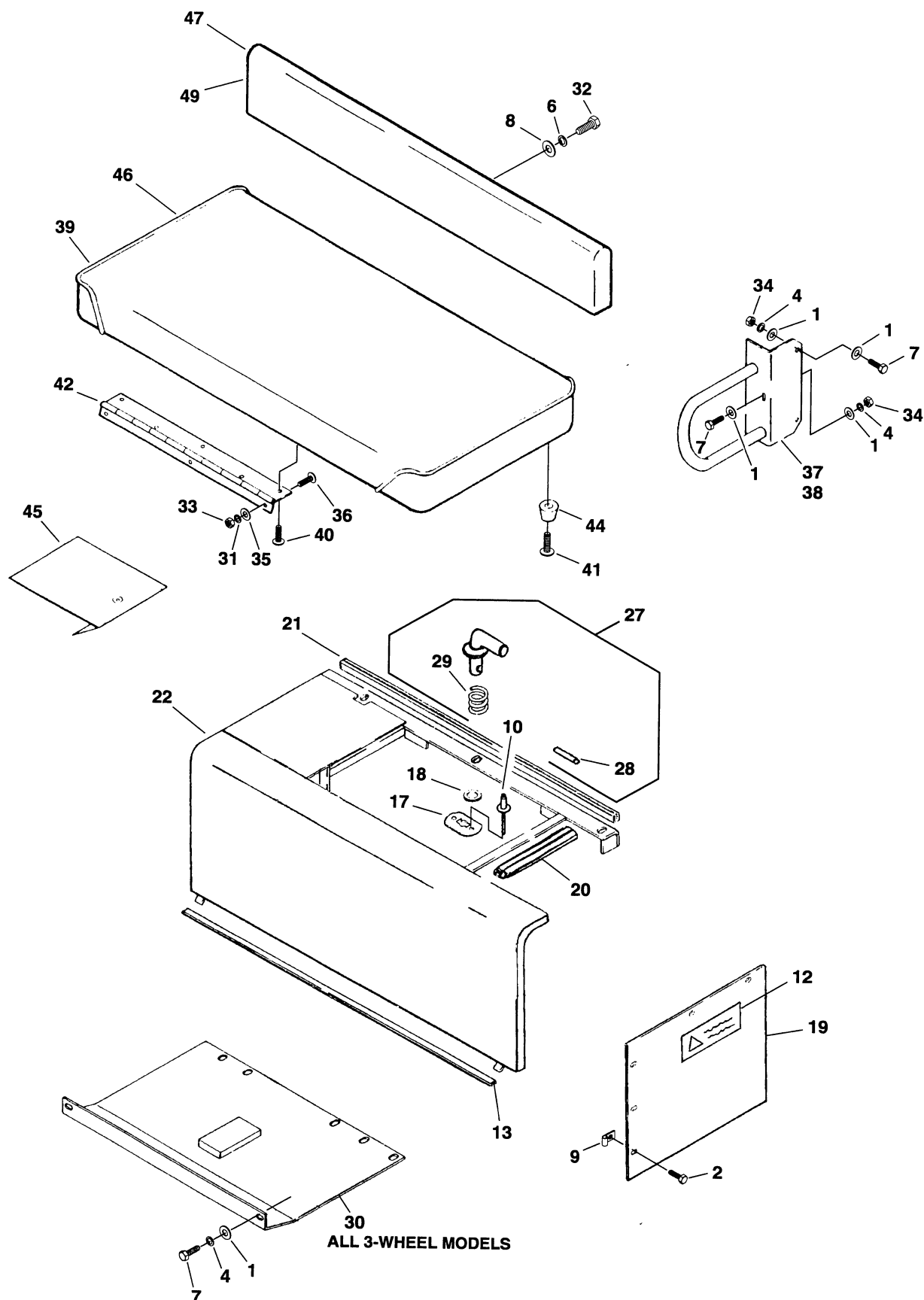
Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	103867	Washer, 5/16"	8	29	306325	•Lockwasher, 5/16"	1
2	112050	Screw, 1/4-20 x 5/8", tapping	9	30	306322	•Screw, 5/16-18 x 3/4"	1
3	120177	Lockwasher, 3/8"	8	31	306932	•Nut, 5/16-18	1
4	306322	Screw, 5/16-18 x 7/8"	4	*	807439	•Fitting, lubrication, straight	2
5	306325	Lockwasher, 5/16"	10	*	816991	•Decal, battery warning	1
6	306414	Screw, 3/8-16 x 1"	8	*	821071	•Decal, identification plate	1
7	306416	Screw, 5/16-18 x 1"	10	*	822819	•Decal, parking brake	1
8	306464	Screw, 5/16-18 x 2 1/2"	8	*	825622	•Decal, brake fluid warning	1
9	306487	Screw, 1/4-20 x 5/8"	6	*	826307	•Decal, safety warning	1
10	306562	Nut, 3/8-16	8	*	826728	•Decal, throttle, safety warning	1
11	306932	Nut, 5/16-18	15	*	828082	•Decal, governor & throttle	1
12	306981	Washer, 3/8"	16	*	828913	•Decal, parking brake release	1
13	308090	Washer, 1/4"	6	*	834748	•Decal, safety	1
14	548911	Nut, 5/16-18, flangelock	8	*	838695	•Decal, auxiliary transmission	1
15	800279	Nut, speed, 1/4-20	6	*	838696	•Decal, power take-off	1
16	810149	Bumper, rubber	2	*	838700	•Decal, auxiliary transmission	1
17	810152	Pad, pedal cover	2	32	888599	•Shaft, clutch pedal pivot	1
18	821893	Trim, 12' (3.6M)	As Req'd	33	869099	•Cover, steering gear	1
19	828609	Shield, modesty	1	34	890208	Frame, platform chassis	1
20	830355	Seal, weather, 1/4" x 1/2" x 35' (10.7M)	As Req'd.	35	103867	•Washer, 5/16"	4
21	830762	Plate, engine support	2	36	306322	•Screw, 5/16-18 x 7/8"	4
22	830842	Panel, access	1	37	306325	•Lockwasher, 5/16"	4
23	833029	Plate, platform support	2	38	306932	•Nut, 5/16-18	4
24	833192	Angle, platform support	2	39	805196	•Bushing	2
25	839902	Support, engine	2	40	840858	•Decal, warning	1
	840379	Support, engine	2	41	892795	•Drawbar	1
26	882971	Pin, pivot	2	42	829101	Plug, hole	1
27	885476	Frame, axle guard	1	43	836389	Gasket, horn	1
28	892447	Frame, main w/decals & clutch pedal pivot shaft	1	44	800603	Nut, 5/8	1
				45	316914	Screw, 5/8-11 x 2	1

• INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN PRECEDING ASSEMBLY.

◊ Remove and discard decals that DO NOT apply to your vehicle

* Not Illustrated

ENGINE COVER, SEAT, BACKREST, HANDHOLDS AND SKID PLATE

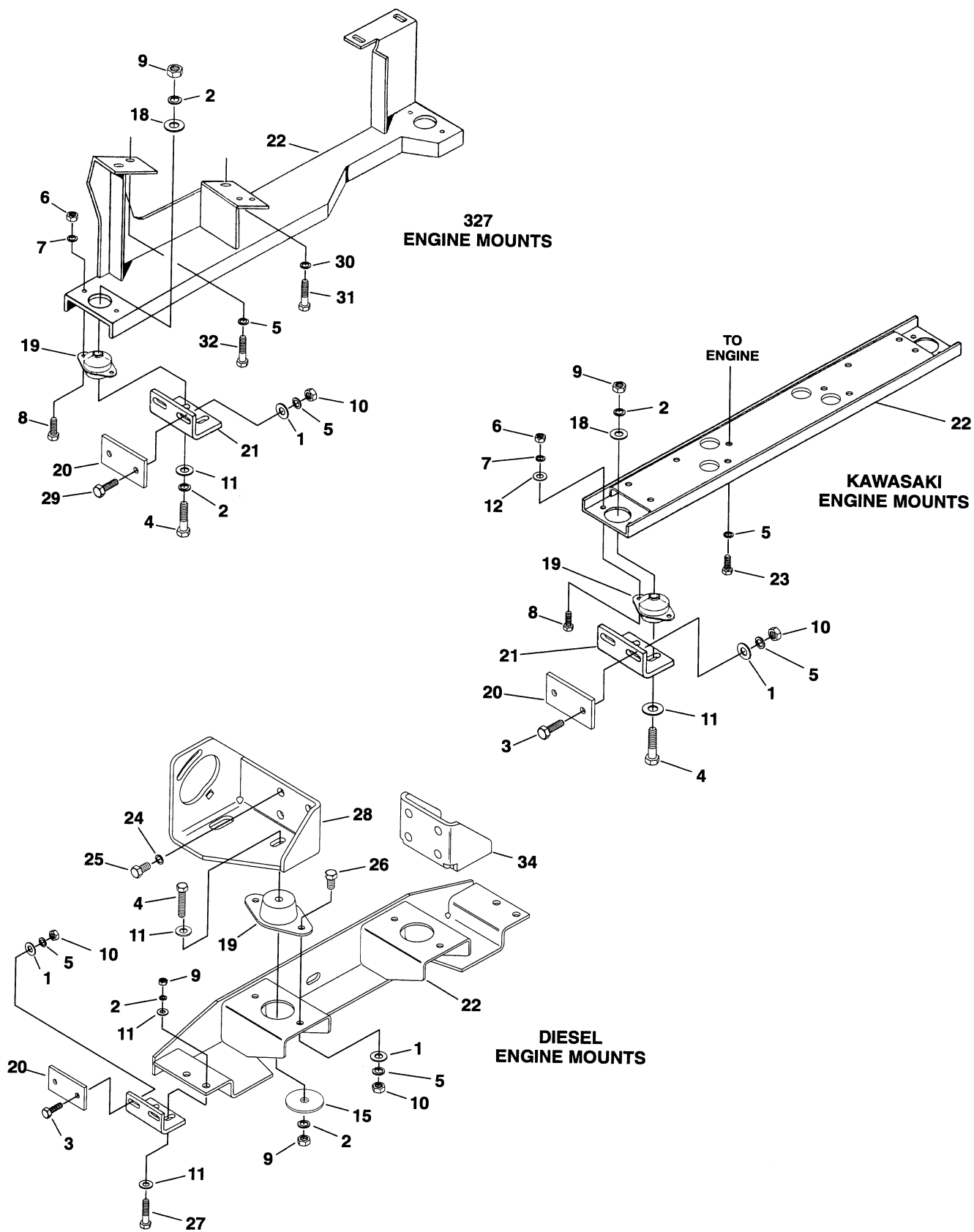


ENGINE COVER, SEAT, BACKREST, HANDHOLDS AND SKID PLATE

Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	103867	Washer, 5/16"	16	25*	829405	•Decal, clutch, centrifugal	1
2	112050	Screw, 1/4-20 x 5/8", tapping	6	26*	831136	•Decal, engine cover latch	1
3	300646	Screw, 1/4-20 x 3/4	1	27	887443	Latch, engine cover	1
4	306325	Lockwasher, 5/16"	10	28	316935	•Pin, spirol, 5/32" x 5/8"	1
5	306375	Nut, 1/4-20	1	29	830658	•Spring, latch	1
6	306396	Lockwasher, 1/4"	4	30	833877	Pan, skid	1
7	306416	Screw, 5/16-18 x 1"	10	31	120052	Lockwasher, #10	3
8	308090	Washer, 1/4"	4	32	306409	Screw, 1/4-20 x 7/8"	4
9	800279	Nut, speed, 1/4-20	6	33	306531	Nut, #10-24	3
10	800390	Rivet, pop	2	34	306932	Nut, 5/16-18	16
11	825922	Plug, hole	2	35	308089	Washer, 3/16"	3
12	826538	Decal, warning	1	36	800271	Screw, #10-24 x 1/2", P.T.H.	3
13	828378	Weatherstrip, 1/8" x 3/8" x 50' (15.2M)	As Req'd	37	884819	Handhold, LEFT	1
14	829880	Pad, panel	3	38	884820	Handhold, RIGHT	1
15	830777	Bracket, panel (inner)	1	39	892974	Seat w/hinge, GRAY	1
16	830778	Bracket, panel (outer)	1	40	800215	•Screw, #10-24 x 5/8, P.T.H.	5
17	830780	Catch, engine cover	1	41	800299	•Screw, #10-24 x 1, P.T.H.	2
18	830781	Retainer, engine cover latch	1	42	812208	•Hinge	1
19	830885	Panel, engine cover, LEFT	1	43*	817606	•Nut, tee, #10-24	7
20	830908	Seal, push on, 25' (7.6M)	As Req'd	44	825357	•Bumper, seat locator	2
21	831004	Weatherstrip, 25' (7.6M)	As Req'd	45	837581	•Bag, literature	1
22◇	889130	Cover, engine, w/decals	1	46	886995	•Cover, seat, GRAY	1
23*	825912	•Decal, shift pattern	1	47	888361	Backrest, GRAY	1
24*	828516	•Decal, clutch	1	48*	810386	•Nut, tee, 1/4-20	4
				49	888360	•Cover, backrest, GRAY	1
				50*	827769	Insulation, engine cover	2
				51*	833745	Insulation, engine cover	1

- INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN PRECEDING ASSEMBLY
- ◇ Remove and discard decals not required for your vehicle.
- * Not illustrated.

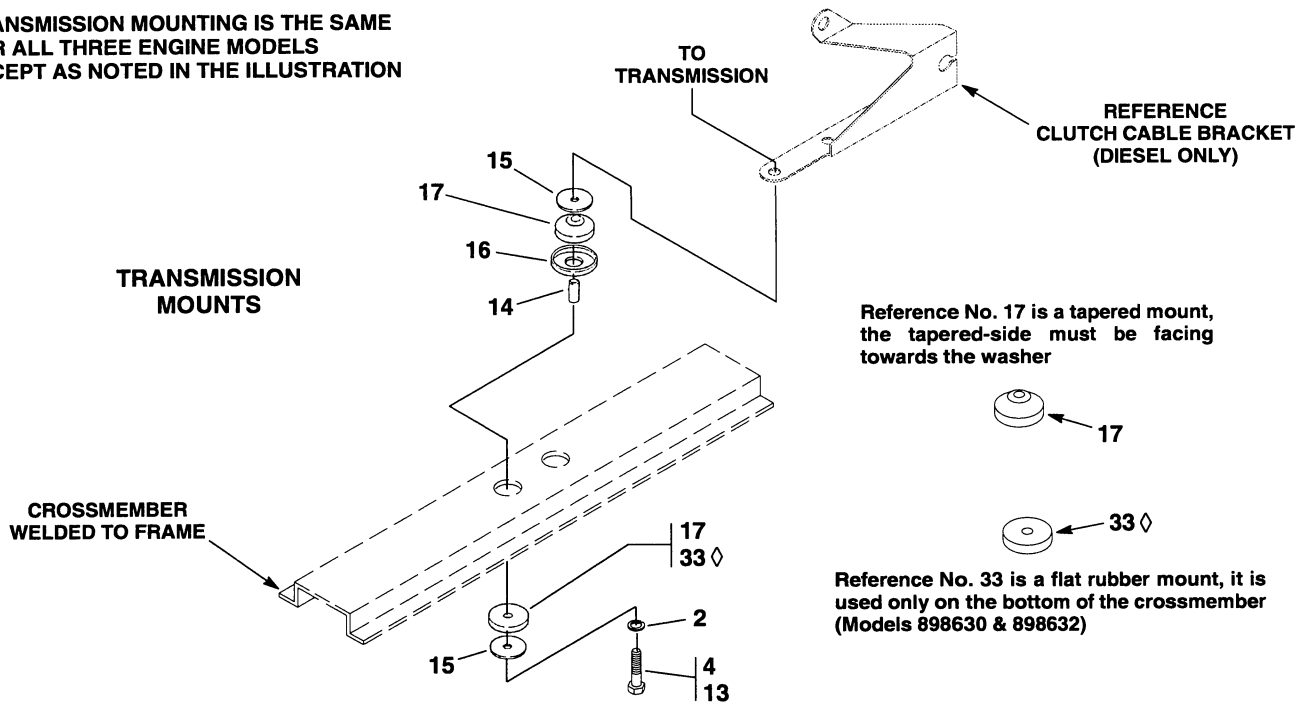
TRANSMISSION and ENGINE MOUNTS



P893362, P893827, 893778, 893361

TRANSMISSION and ENGINE MOUNTS

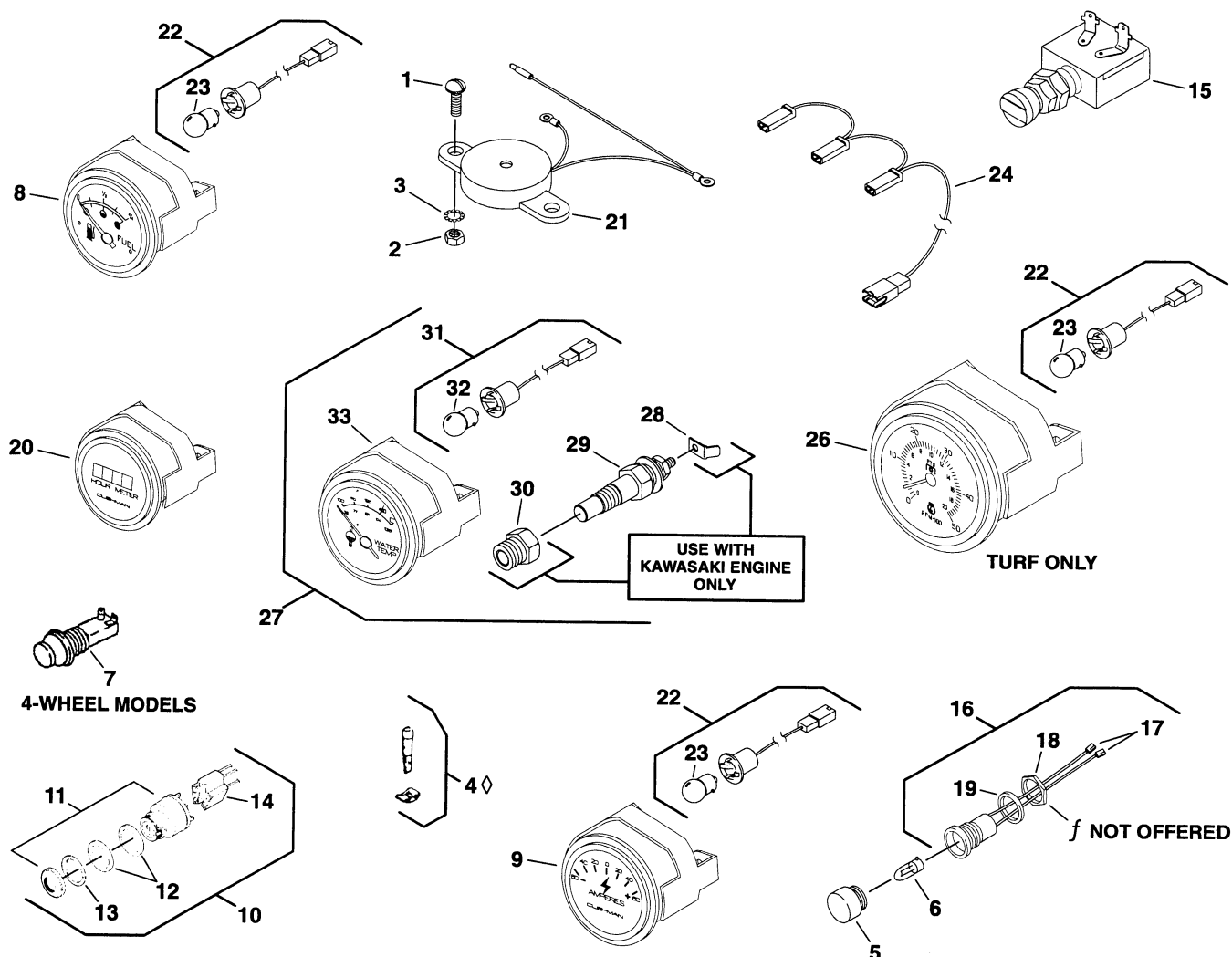
TRANSMISSION MOUNTING IS THE SAME
FOR ALL THREE ENGINE MODELS
EXCEPT AS NOTED IN THE ILLUSTRATION



Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	103867	Washer, 5/16 (Kaw. and 327)	4	16	809242	Retainer	2
	103867	Washer, 5/16 (Perkins)	8	17	823765	Mount, rubber	4
2	120177	Lockwasher, 3/8 (Kaw. and 327) .	4	18	822419	Washer (Kaw.)	2
	120177	Lockwasher, 3/8 (Perkins)	6	19	826218	Mount, engine (Kaw.)	2
3	130167	Screw, 5/16-18 x 2 1/4 (Kaw. & Perkins)	4		841885	Mount, engine (Perkins)	2
4	306836	Screw, 3/8-16 x 2 1/4 (327)	4		834078	Mount motor	2
	306836	Screw, 3/8-16 x 2 1/4 (Kaw. & Perkins)	2	20	830762	Plate, reinforcement mounting ...	2
5	306325	Lockwasher, 5/16 (Kaw.)	6	21	839902	Support, engine mounting	2
	306325	Lockwasher, 5/16 (Perkins & 327)	8	22	892380	Member, engine mounting (Kaw.)	1
6	306375	Nut, 1/4-20 (Kaw. & 327)	4		893726	Member, engine mounting (Perkins)	1
7	306396	Lockwasher, 1/4 (Kaw. & 327) ...	4		888514	Member, engine mounting (327) .	1
8	306487	Screw, 1/4-20 x 5/8 (Kaw. & 327)	4	23	800548	Bolt, M8-1.25 (Kaw.)	2
9	306562	Nut, 3/8-16 (Kaw. & 327)	2	24	120166	Lockwasher, 1/2	8
	306562	Nut, 3/8-16 (Perkins)	6	25	800291	Screw, 3/8-16 x 1"	8
10	306932	Nut, 5/16-18 (Kaw. & 327)	4	26	306322	Screw, 5/16-18 x 7/8"	4
	306932	Nut, 5/16-18 (Perkins)	8	27	306835	Screw, 5/16-18 x 1 1/4"	4
11	306981	Washer, 3/8 (Kaw. & 327)	2	28	841884	Mount, engine and hydraulic pump (Perkins)	1
	306981	Washer, 3/8 (Perkins)	10	29	306464	Screw, 5/16-18 x 2 1/2	4
12	308090	Washer, 1/4 (Kaw.)	4	30	800488	Lockwasher, 10 mm	1
13	311213	Screw, 3/8-16 x 3 (Kaw.)	2	31	800546	Screw, M12-1.25 x 35 mm	1
14	808959	Bushing	2	32	800548	Screw, M8-1.25 x 20 mm	4
15	809174	Washer, special (Kaw. & 327)	4	33◇	806493	Mount, rubber (327)	2
	809174	Washer, special (Perkins)	6	34	841883	Mount, engine (Perkins)	1

◇ Turf Models 898630 and 898632 (with 327 engine). These mounts are used only on the bottom-side of the crossmember with these models.

INSTRUMENT PANEL ELECTRICAL COMPONENTS



Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	130152	Screw, #6-32 x 1/2 rd. hd.	2	18	<i>f</i>	•Nut, special	1
2	302437	Nut, #6-32	1	19	828772	•Lockwasher	1
3	306990	Lockwasher, #6 shakeproof	1	20	886802	Hour meter	1
4◇	825939	Light, flasher indicator (red)	1	21	888455	Buzzer, water temperature	1
5	828470	Lens, oil light	2	22	888502	Holder, lamp	4
6	828473	Bulb, miniature (No. 1873)	2	23	811953	•Bulb, #53	1
7	830366	Button, horn	1	24	888186	Harness, assembly	1
8	833279	Gauge, fuel	1	25*	886709	Harness, main	1
9	833280	Gauge, ammeter	1	26	893789	Tachometer	1
10	890154	Ignition switch set	1	27	894200	Gauge, water temperature	1
11	837295	•Switch, ignition	1	28	829787	•Terminal, 45°, 1/4" male	1
12	837299	•Spacer	2	29	833615	•Sender, water temperature	1
13	837300	•Washer	1	30	843258	•Adapter, M16 to 1/8" NPT	1
14	890158	•Connector and wire	1	31	885022	•Holder assembly, lamp	1
15	885848	Switch, light	1	32	811953	••Bulb, #53	1
16	885999	Socket, light (oil)	1	33	889022	•Gauge, water temperature	1
17	826726	•Connector	2				

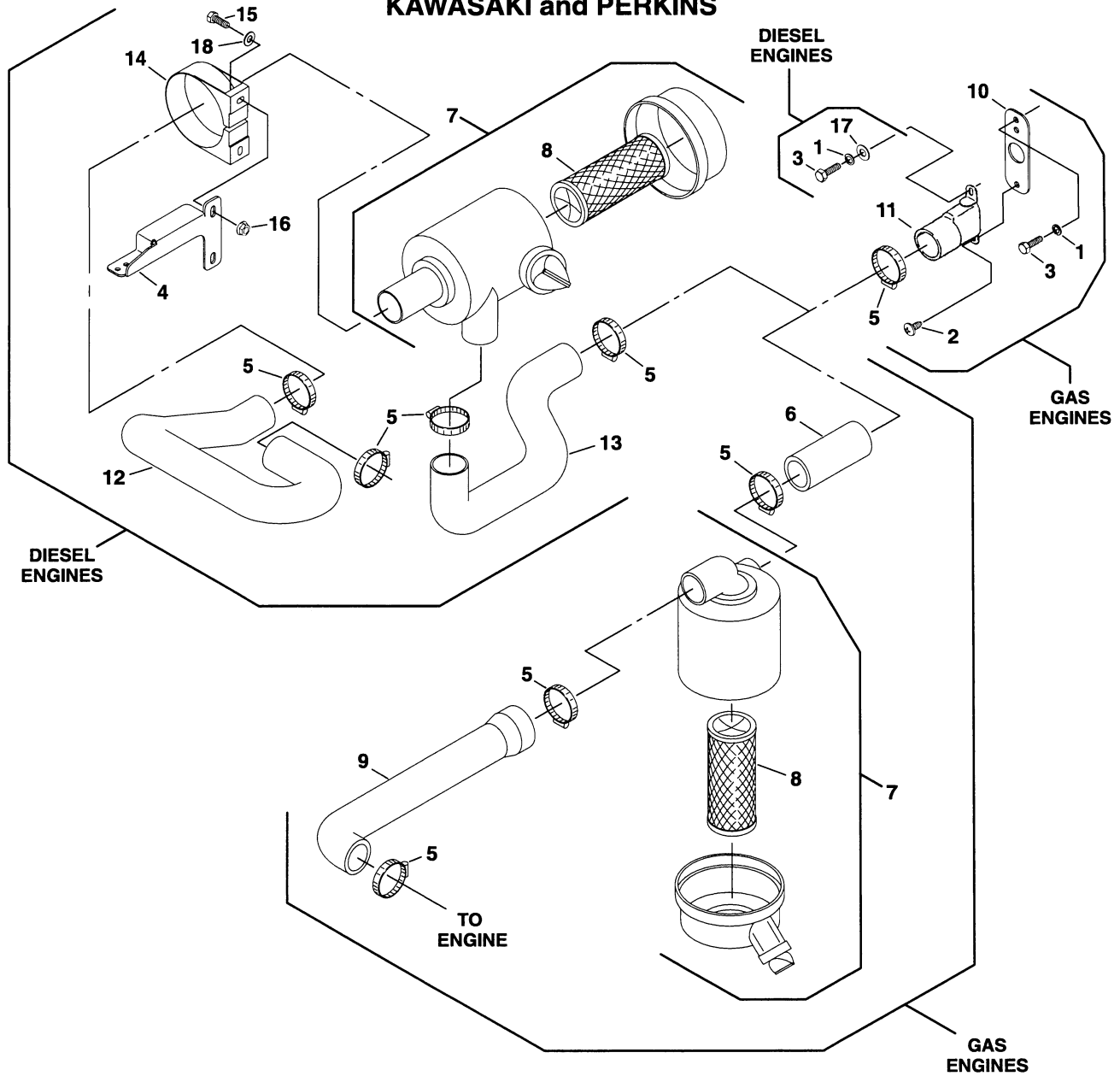
• INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN THE PRECEDING ASSEMBLY

◇ Included with Turn Signal Accessory Kit, Part No. 897132.

* Not Illustrated

P893788

AIR CLEANER and ELEMENT KAWASAKI and PERKINS

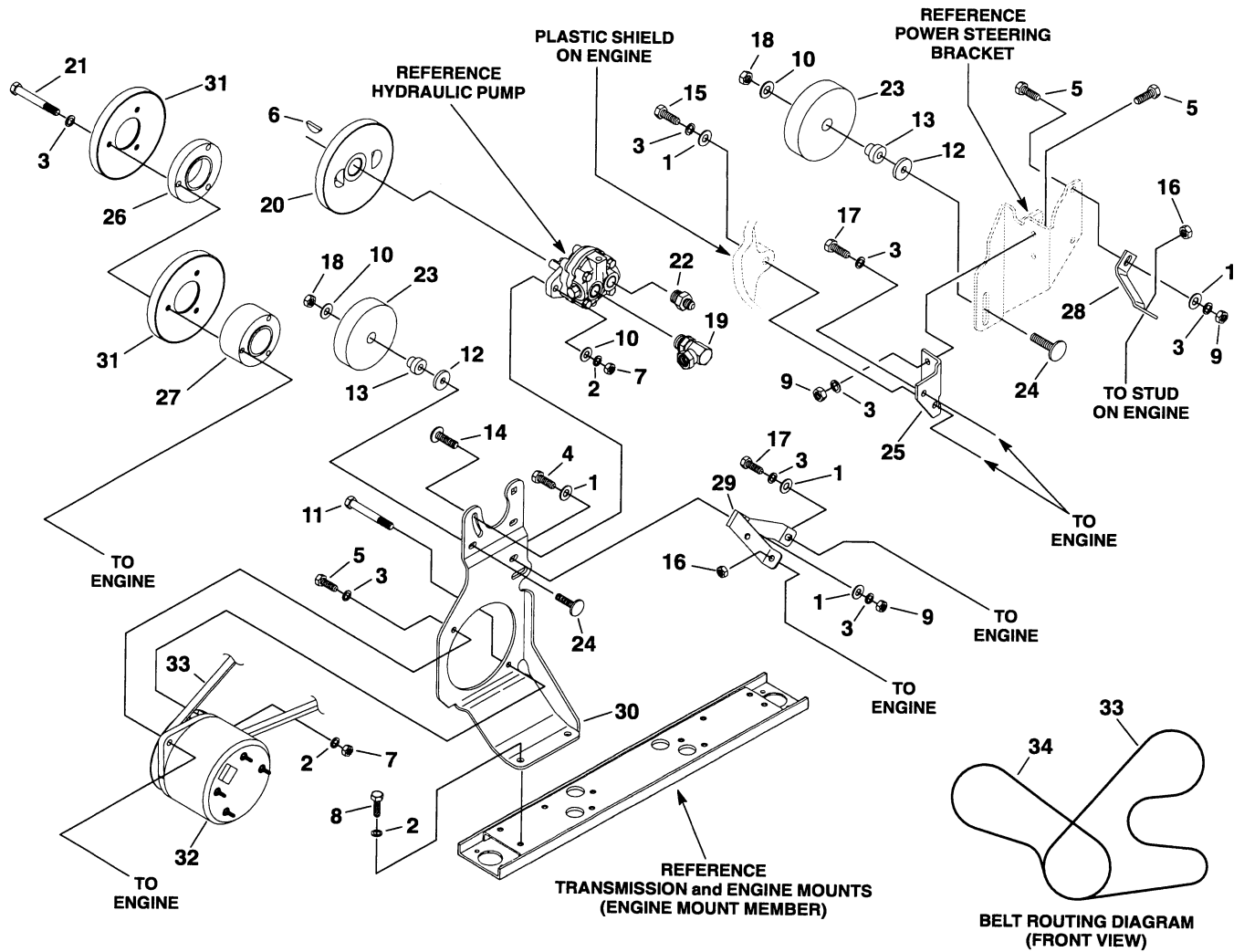


Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	306396	Lockwasher, 1/4	3	10	841499	Plate, air intake	1
2	800146	Screw, tap, #10 x 3/4"	2	11	888549	Connector, hose (used on gas and diesel)	1
3	300646	Screw, 1/4-20 x 3/4	3	12	842018	Hose, air intake (diesel)	1
4	842001	Bracket, air filter (diesel)	1	13	842019	Hose, air intake (diesel)	1
5	825358	Clamp (gas)	4	14	842915	Bracket assembly, filter (diesel)	1
	825358	Clamp (diesel)	4	15	306416	Screw, 5/16-18 x 1"	2
6	841504	Hose, air (gas)	1	16	800697	Nut, crownlock, 5/16-18	2
7	893182	Air cleaner, complete (used on gas and diesel)	1	17	308090	Washer, 1/4	2
8	840352	•Element, air cleaner	1	18	103867	Washer, 5/16	2
9	841326	Hose, air cleaner (gas)	1				

• INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN THE PRECEDING ASSEMBLY.

P893362, P893827

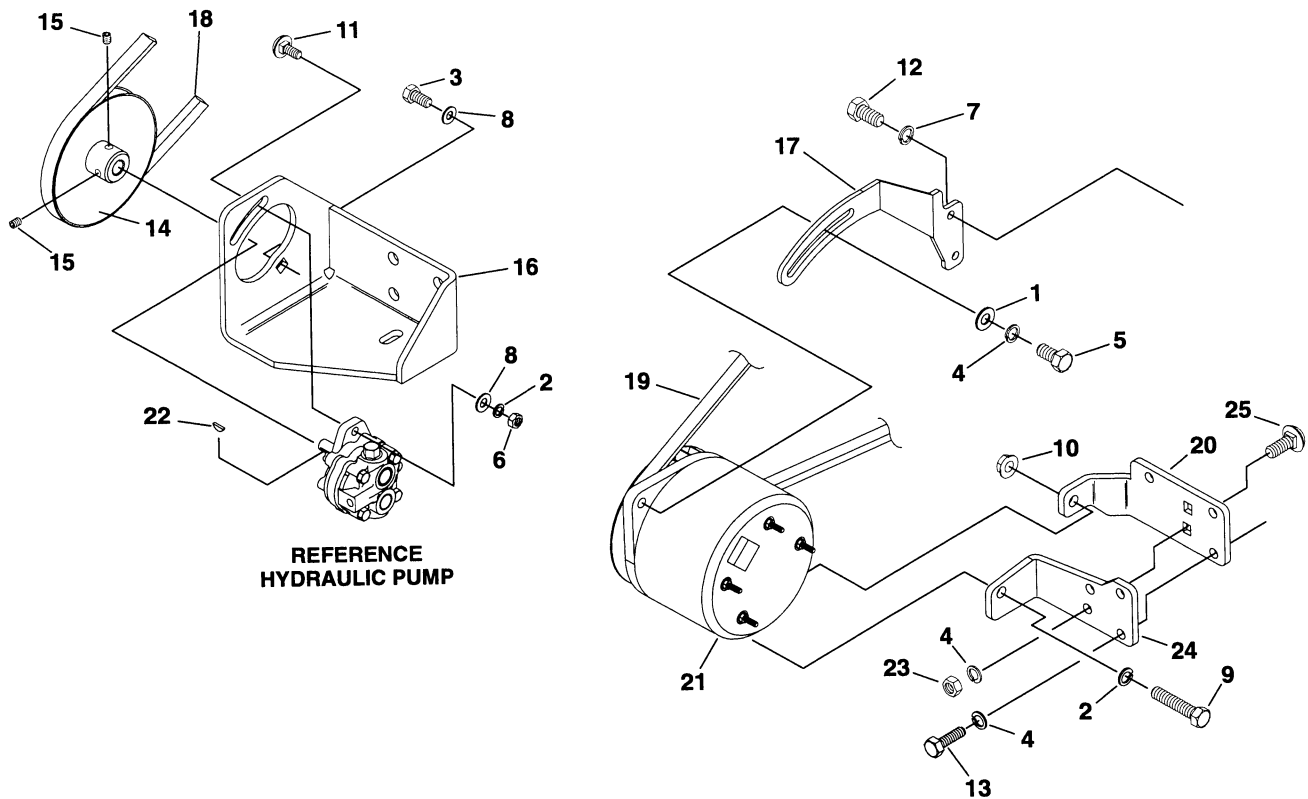
BELTS, PULLEYS, ALTERNATOR and BRACKET HYDRAULIC PUMP and BRACKET (KAWASAKI)



Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	103867	Washer, 5/16 flat	5	18	800698	Nut, 3/8-16 crownlock	2
2	120177	Lockwasher, 3/8	5	19	827395	Adapter, 90°	1
3	306325	Lockwasher, 5/16	10	20	828100	Pulley, 5 1/2" dia.	1
4	306416	Screw, 5/16-18 x 1	1	21	828159	Bolt, 4T 8x80	3
5	306450	Screw, 5/16-18 x 3/4"	4	22	832478	Fitting, hydraulic	1
6	306560	Key, woodruff	1	23	836447	Pulley	2
7	306562	Nut, 3/8-16	3	24	839958	Bolt, carriage, 3/8-16 x 1 3/4"	2
8	306834	Screw, 3/8-16 x 3/4"	2	25	840973	Angle, pump bracket	1
9	306932	Nut, 5/16-18	4	26	840974	Spacer, pulley	1
10	306981	Washer, 3/8 flat	4	27	840975	Spacer, pulley	1
11	307776	Screw, 3/8-16 x 2 3/4"	1	28	840978	Bracket, pump support	1
12	515390	Retainer	2	29	840979	Bracket, alternator brace	1
13	523100	Bushing	2	30	842466	Mount, pump and alternator	1
14	800073	Bolt, carriage, 3/8-16 x 1 1/4"	2	31	883825	Pulley, 5 1/2" dia.	1
15	800414	Bolt, M8-1.25 x 30	1	32 ◇	893633	Alternator	1
16	450453	Nut, M8-1.25	2	33	841027	Belt, V, .440	1
17	800548	Bolt, M8-1.25 x 20	2	34	816864	Belt, V, .380	1

◇ Refer to the alternator parts page for servicable items.

BELTS, PULLEYS, ALTERNATOR and BRACKETS **DIESEL MODELS 898636 & 898637**



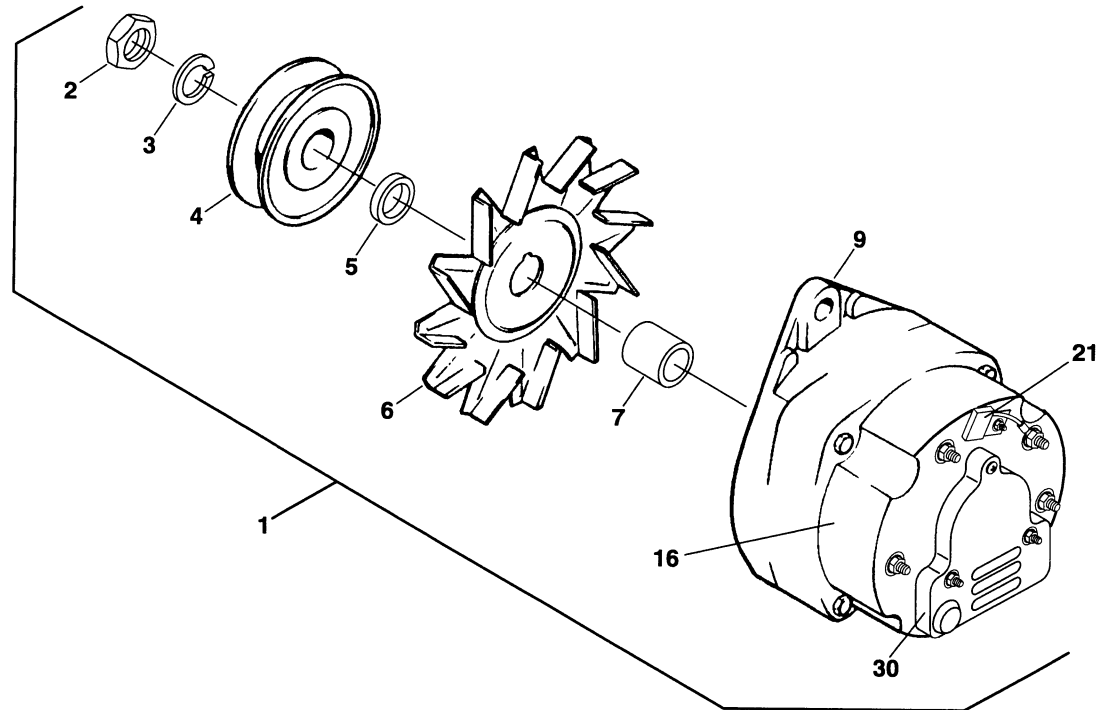
Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	103867	Washer, 5/16 flat	1	14	839911	Pulley, 4 3/4" dia.	1
2	120177	Lockwasher, 3/8	3	15	548201	•Set screw	2
3	302600	Screw, 3/8-16 x 1 1/2"	1	16	841884	Mount, hydraulic pump	1
4	306325	Lockwasher, 5/16	7	17	841918	Bracket, alternator	1
5	306450	Screw, 5/16-18 x 3/4"	1	18	841966	Belt, V, .440	1
6	306562	Nut, 3/8-16	2	19	841967	Belt, V, .440 (34.25)	1
7	306396	Lockwasher, 1/4	2	20	841920	Mount, alternator	1
8	306981	Washer, 3/8 flat	3	21 ♦	893633	Alternator	1
9	311213	Screw, 3/8-16 x 3"	1	22	306560	Key, woodruff, 1/8 x 5/8	1
10	548804	Nut, 3/8-16	1	23	306932	Nut, 5/16-18	2
11	800073	Bolt, carriage, 3/8-16 x 1 1/4"	1	24	843221	Angle, mount, alternator	1
12	800425	Bolt, M6-1.00 x 12	2	25	800085	Bolt, carriage 5/16-18 x 1	2
13	828153	Bolt, M8-1.25 x 16	4				

• INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN THE PRECEEDING ASSEMBLY.

♦ Refer to the alternator parts page for servicable items.

893778

ALTERNATOR

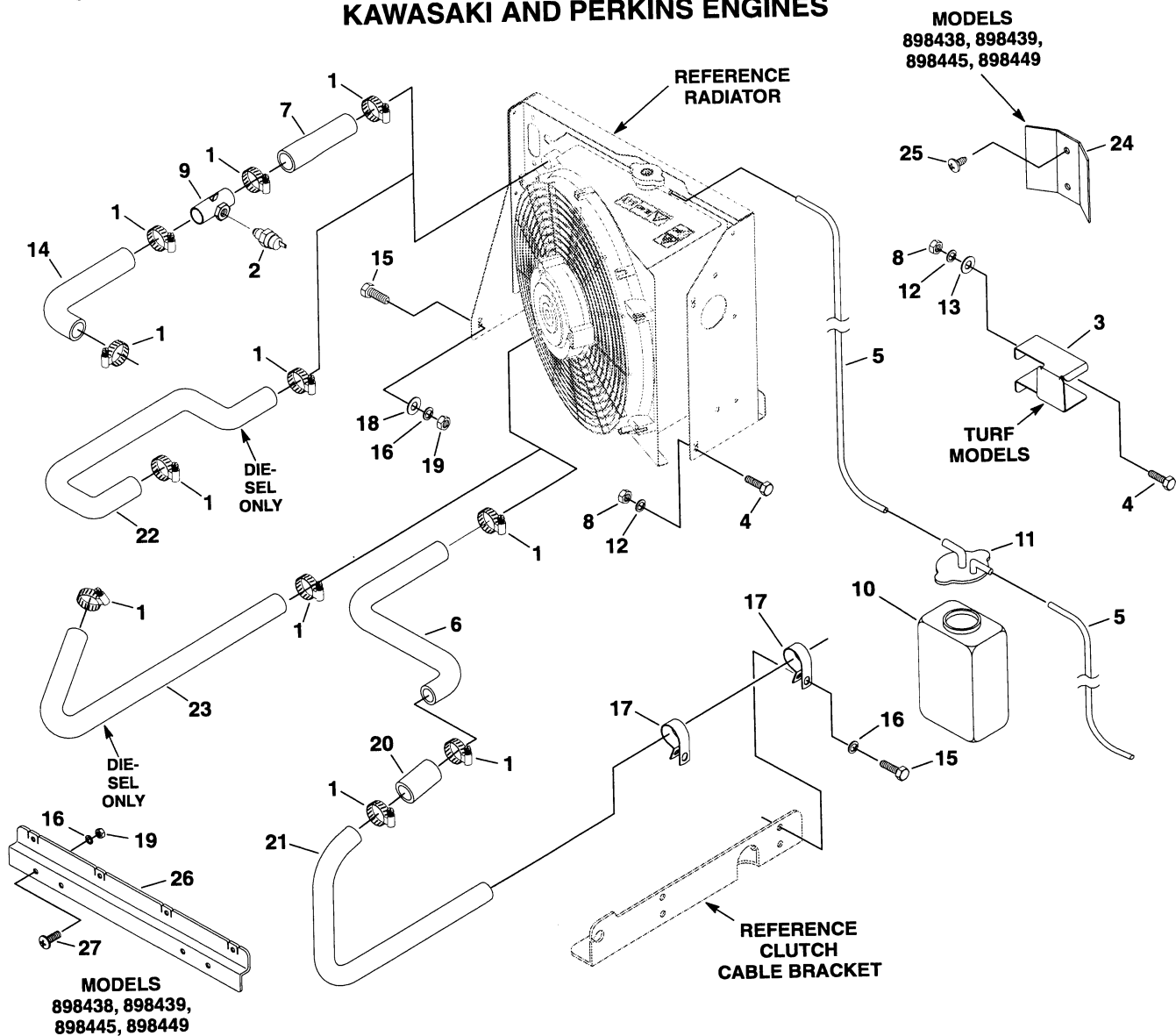


Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	893633	Alternator	1	19*	842570	••Mold	1
2	842558	•Nut	1	20*	842571	••Nut, flange	2
3	842559	•Lockwasher	1	21	893854	••Condenser assembly	1
4	842560	•Pulley	1	22*	842572	••Mold-B	1
5	842561	•Spacer	1	23*	842573	••Nut, flange	1
6	842562	•Fan	1	24*	842574	••Through bolt	4
7	842563	•Spacer	1	25*	893855	•Regulator assembly	1
8*	893849	•Bracket assembly (front)	1	26*	842575	••Brush	1
9	842564	••Bracket, front	1	27*	842576	••Spring, brush	1
10*	842565	••Screw, flange	3	28*	842577	•Set, screw	1
11*	842566	••Bearing	1	29*	842578	•Terminal-L	1
12*	842567	••Retainer	1	30	842579	•Cover	1
13*	893850	•Rotor assembly	1	31*	842580	•Set, screw	1
14*	893851	••Stator assembly	1	32*	842581	•Wire, lead (A)	1
15*	893852	•Bracket assembly (rear)	1	33*	842582	•Wire, lead (B)	1
16	842568	••Bracket, rear	1	34*	842571	•Nut, flange	2
17*	893853	••Rectifier assembly	1	35*	842570	•Mold	1
18*	842569	••Screw set	1				

• INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN THE PRECEDING ASSEMBLY.

* Not Illustrated

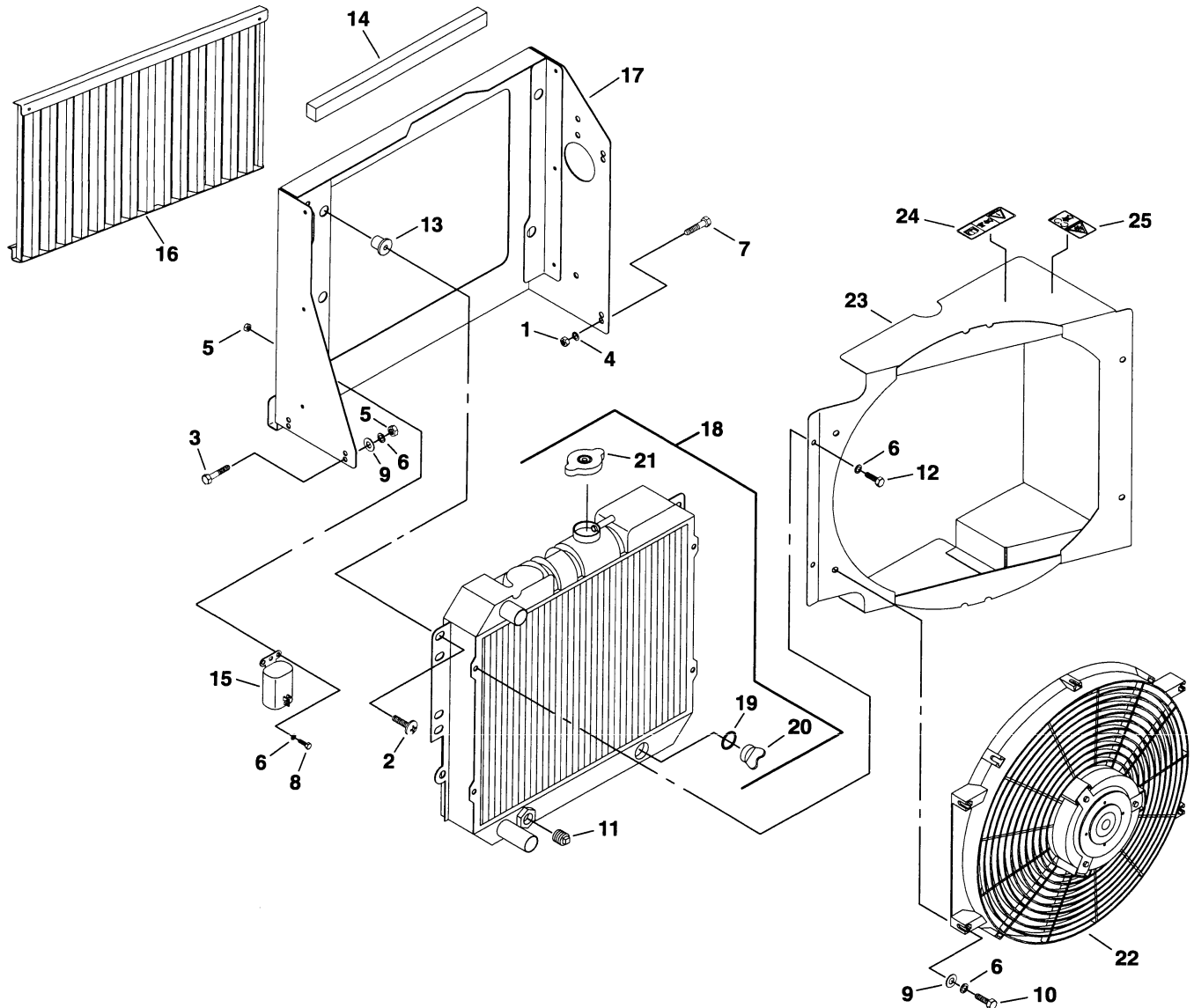
COOLING SYSTEM HOSES, CLAMPS, ADAPTER and COOLANT RESERVOIR KAWASAKI AND PERKINS ENGINES



Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	820889	Clamp, hose (gas)	7	14	841325	Hose, radiator (upper)	1
	820889	Clamp, hose (diesel)	4	15	303487	Screw, 1/4-20 x 5/8	4
2	888566	Switch assembly	1	16	306396	Lockwasher, 1/4	5
3	833376	Bracket, coolant reservoir	1	17	831225	Clamp	2
4	306450	Screw, 5/16-18 x 3/4	4	18	308090	Washer, flat 1/4	2
5	835805	Hose, overflow 5/16 I.D. 4' (1.2M)	Use As Req'd	19	306375	Nut, 1/4-20	3
6	841327	Hose, radiator (lower)	1	20	842451	Hose, coupler	1
7	833889	Hose, radiator	1	21	842003	Tube, lower radiator	1
8	306932	Nut, 5/16-18	4	22	841971	Hose, radiator upper (diesel)	1
9	888767	Tee, switch	1	23	841972	Hose, radiator lower (diesel)	1
10	889050	Reservoir, coolant	1	24	842782	Bracket, coolant reservoir	1
11	889051	Cap, reservoir w/hoses	1	25	800146	Screw, #10 x 3/4, tapping	2
12	306325	Lockwasher, 5/16	4	26	842864	Support, hose	1
13	103867	Washer, 5/16	2	27	800026	Screw, 1/4-20 x 3/4	1

P894043, P893677, 893774

RADIATOR, SCREEN, MOUNT, SHROUD and FAN RELAY



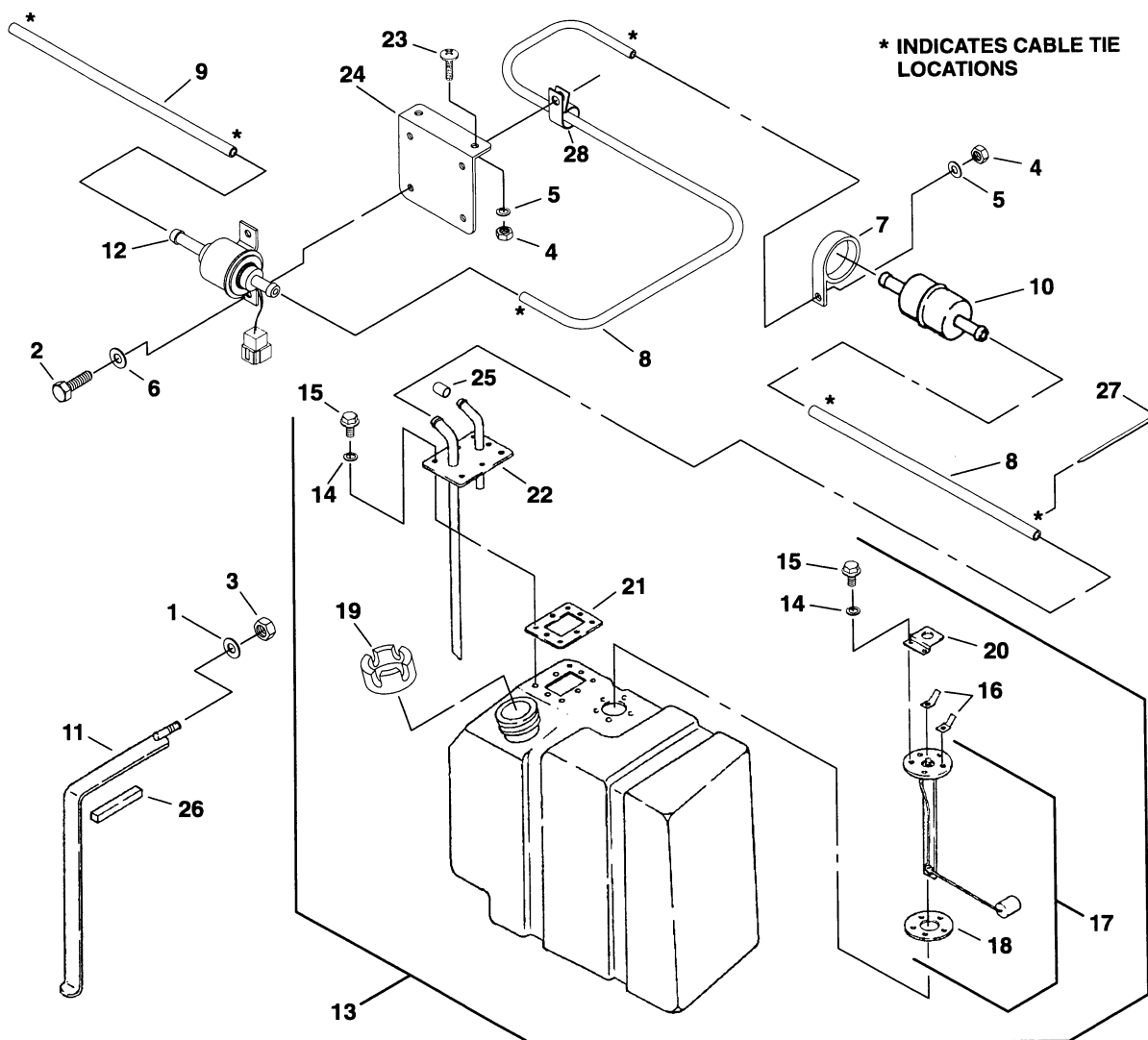
Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	306932	Nut, 5/16-18	2	14	833512	Seal, foam	1
2	800177	Screw, 5/16-18 x 3/4, PTH	4	15	835480	Relay, fan (30 amp)	1
3	300646	Screw, 5/16-18 x 3/4	2	16	888449	Screen	1
4	306325	Lockwasher, 5/16	2	17	888497	Mount, radiator	1
5	306375	Nut, 1/4-20	2	18	889048	Radiator, complete	1
6	306396	Lockwasher, 1/4	10	19	833442	•O' ring	1
7	306450	Screw, 5/16-18 x 3/4	2	20	833443	•Plug	1
8	800146	Screw, #10 x 3/4, tapping	2	21	889049	•Cap, radiator	1
9	308090	Washer, 1/4	4	22	892905	Fan, complete	1
10	600014	Screw, 1/4-20 x 1 3/4,	4	23	897169	Shroud, w/decals	1
11	800120	Plug, 3/8 pipe	1	24	840754	•Decal, pressure warning	1
12	828162	Bolt, M6-1.0 x 16 Gr. 8.8	4	25	009034880	•Decal, fan warning	1
13	831846	Nut, isolation	4				

• INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN THE PRECEDING ASSEMBLY.

893774

FUEL SYSTEM

MODELS 898536, 898537, 898630A, 898632B & 898635A

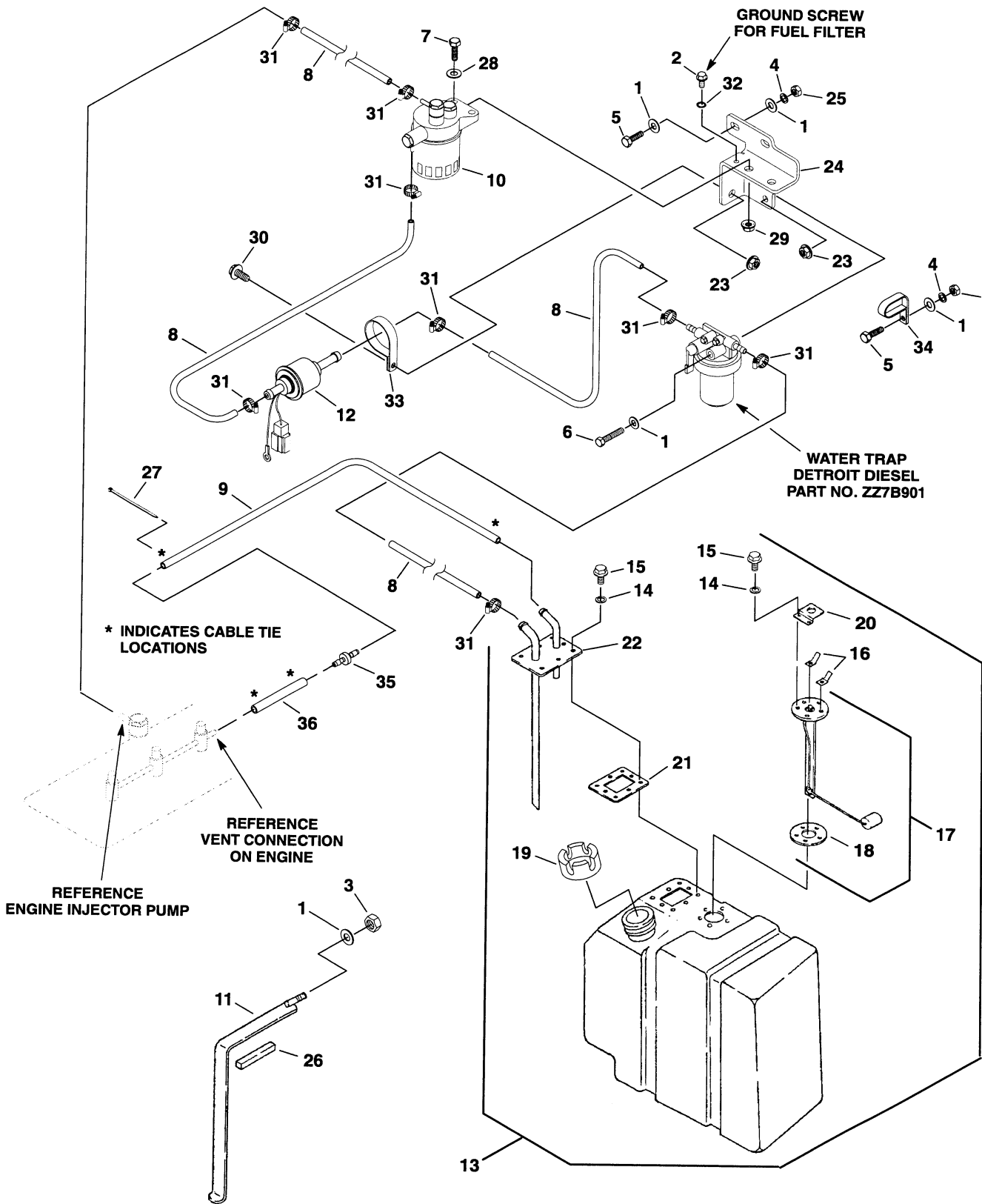


Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	103867	Washer, 5/16 flat	1	14	120052	•Lockwasher, #10	13
2	300646	Screw, 1/4-20 x 3/4	2	15	800021	•Screw, #10-32 x 1/2, PTH	13
3	306320	Nut, 5/16-24	1	16	829787	•Terminal, 45°	2
4	306375	Nut, 1/4-20	4	17	833057	•Sender, fuel level	1
5	306396	Lockwasher, 1/4	4	18	829954	•Gasket	1
6	308090	Washer, 1/4	2	19	833790	•Cap, fuel tank	1
7	825884	Clamp, fuel filter	1	20	833953	•Cover, fuel sender	1
8	826590	Hose, fuel, 5/16" I.D. (7.94mm) 25' (7.62M)	As Req'd.	21	835808	•Gasket, pickup plate	1
9	830425	Hose, fuel, 1/4" I.D. (6.35mm) 25' (7.62M)	As Req'd.	22	889470	•Pickup, fuel	1
10	825619	Filter, fuel	1	23	800019	Screw, 1/4-20 x 1/2	2
11	888755	Strap, tank holddown	1	24	842501	Bracket, fuel pump	1
12	842530	Pump, fuel electric	1	25	831026	Cap, vapor line	1
13	889608	Tank, fuel, complete	1	26	834005	Seal, foam	1
				27	320107	Tie, cable 7 1/2"	6
				28	814924	Clamp, hose	1

• INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN THE PRECEDING ASSEMBLY.

P897172, P893885

FUEL SYSTEM PERKINS DIESEL



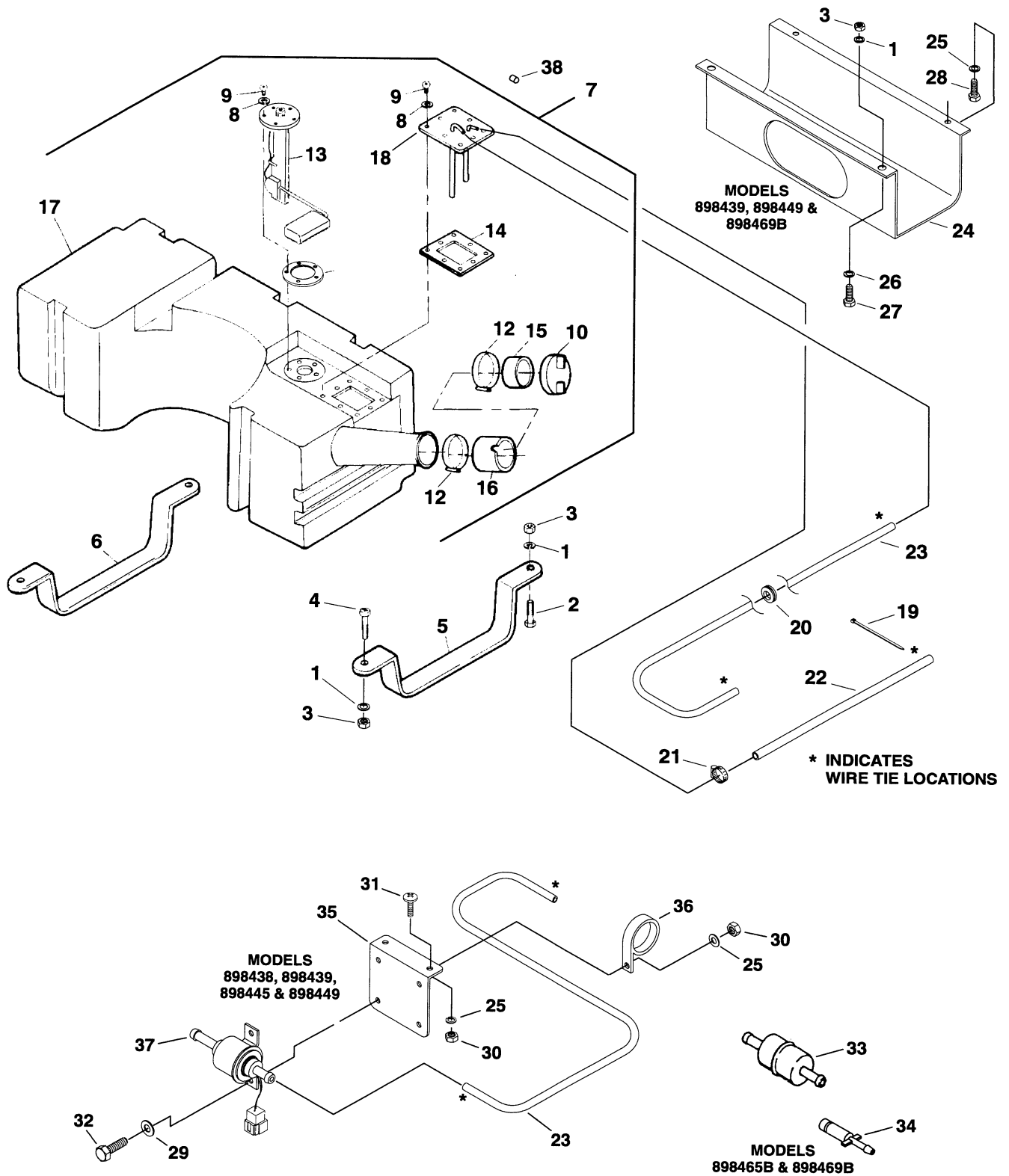
P893870

FUEL SYSTEM PERKINS DIESEL

Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	103867	Washer, 5/16 flat	7	19	833790	•Cap, fuel tank	1
2	112050	Screw, tapping, 1/4-20 x 5/8	1	20	833953	•Cover, fuel sender	1
3	306320	Nut, 5/16-24	1	21	835808	•Gasket, pickup plate	1
4	306325	Lockwasher, 5/16	3	22	889470	•Pickup, fuel	1
5	306322	Screw, 5/16-18 x 7/8	3	23	800697	Nut, 5/16-18 crownlock	2
6	306823	Screw, 5/16-18 x 2 3/4	1	24	841917	Bracket, fuel pump	1
7	306835	Screw, 3/8-16 x 1 1/4	2	25	306932	Nut, 5/16-18	3
8	826590	Hose, fuel, 5/16" I.D. (7.94 mm) 25' (7.62 M)	As Req'd.	26	834005	Seal, foam	1
9	830425	Hose, fuel, 1/4" I.D. (6.35 mm) 25' (7.62 M)	As Req'd.	27	320107	Tie, cable 7 1/2"	2
10	2208175	Filter, fuel, Perkins	1	28	306981	Washer, 3/8	2
11	888755	Strap, tank holddown	1	29	800698	Nut, 3/8-16, crownlock	2
12	891476	Pump, fuel electric	1	30	800794	Screw, 5/16-18 x 3/4	1
13	889608	Tank, fuel, complete	1	31	825624	Clamp, hose	8
14	120052	•Lockwasher, #10	13	32	306488	Lockwasher, 1/4, star	1
15	800021	•Screw, #10-32 x 1/2, PTH	13	33	838154	Bracket, fuel pump mounting	1
16	829787	•Terminal, 45°	2	34	817320	Clamp	1
17	833057	•Sender, fuel level	1	35	834036	Connector, hose	1
18	829954	••Gasket	1	36	831039	Hose, fuel, 5/32 I.D. (3.97 mm) 25' (7.62 M)	As Req'd.

• INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN THE PRECEDING ASSEMBLY.

FUEL SYSTEM
MODELS 898438, 898439, 898445,
898469B, 898462C and 898449



FUEL SYSTEM
MODELS 898438, 898439, 898445,
898469B, 898462C and 898449

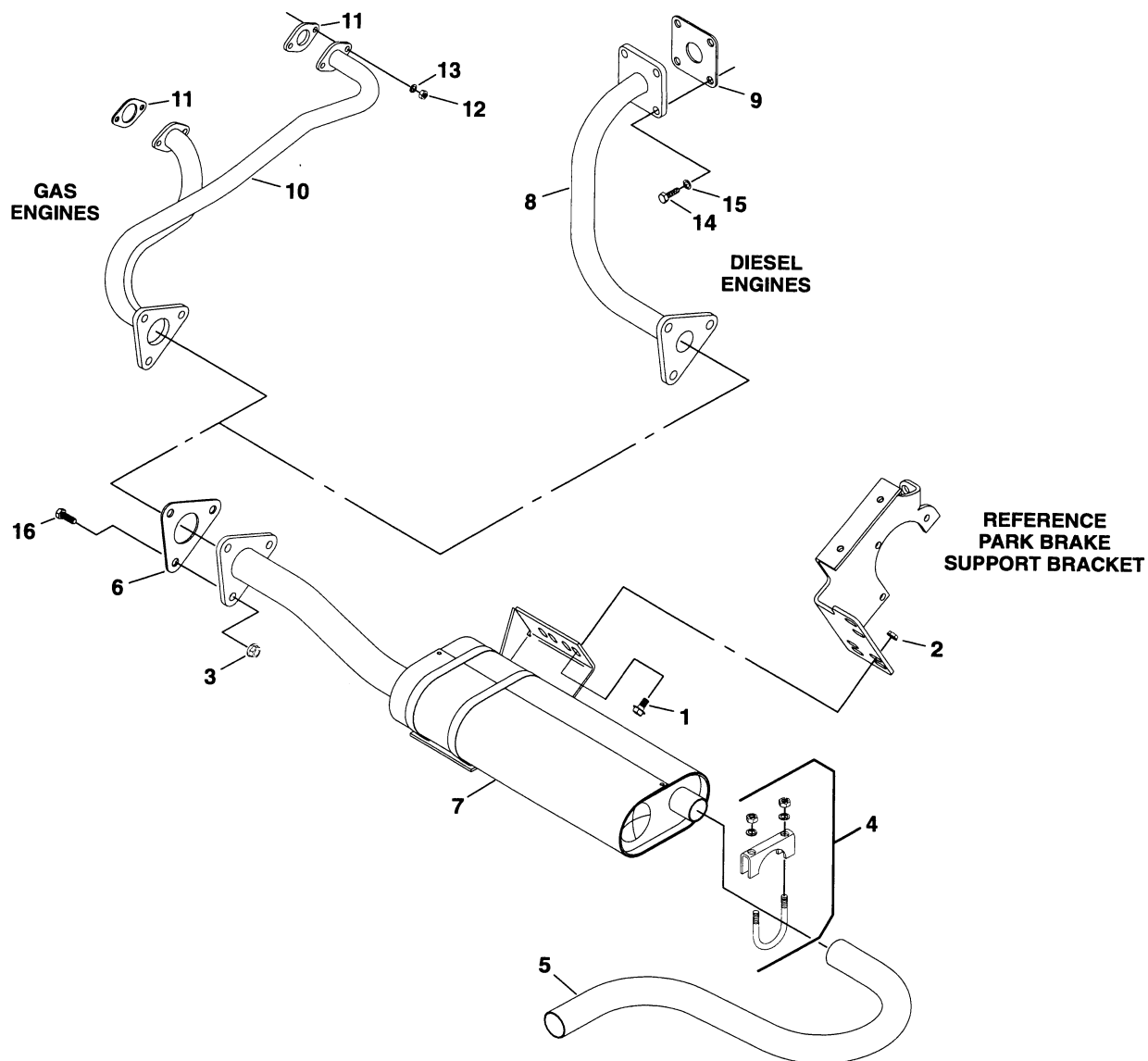
Ref. No.	Part No.	Description	No. Req'd.	Ref. No.	Part No.	Description	No. Req'd.
1	306325	Lockwasher, 5/16	16	22	830425	Hose, fuel, 1/4" I.D. (6.35 mm)	
2	306450	screw, 5/16-18 x 3/4	2			25' (7.62 M)	As Req'd.
3	306932	Nut, 5/16-18	16	23	826590	Hose, fuel, 5/16" I.D. (7.94 mm)	
4	800029	Screw, 5/16-18 x 2	2			25' (7.62 M)	As Req'd.
5	837012	Strap, fuel tank, long	1	24	837796	Plate, skid	
6	838579	Strap, fuel tank, short	1			Models 898439 and 898449	1
7	890144	Fuel tank, complete	1	25	306396	Lockwasher, 1/4	6
8	120052	•Lockwasher, #10	13	26	103867	Washer, 5/16	2
9	800021	•Screw, #10-32 x 1/2	13	27	306322	Screw, 5/16-18 x 7/8	2
10	825920	•Cap, fuel tank	1	28	300646	Screw, 1/4-20 x 3/4	2
*	829787	•Terminal, 45°, 1/4 male	2	29	308090	Washer, 1/4	2
11	829954	•Gasket	1	30	306375	Nut, 1/4-20	4
12	825358	•Clamp	1	31	800019	Screw, 1/4-20 x 1 1/2	2
13	834308	•Sender, fuel level	1	32	800646	Screw, 1/4-20 x 3/4	2
14	835808	•Gasket	1	33	825619	Filter, fuel	1
15	837283	•Insert, fuel	1	34	834036	Connector, hose	1
16	837284	•Hose, fuel filler neck	1		834037	Connector, hose	1
17	◇	•Fuel tank	1	35	842501	Bracket, fuel pump	1
18	889902	•Pickup, fuel	1	36	825884	Clamp, fuel filter	1
19	320107	Tie, wire	3	37	842530	Pump, fuel electric	1
20	809231	Grommet	2	38	831026	Cap, vapor line	1
21	825624	Clamp	1				

• INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN PRECEDING ASSEMBLY.

* Not illustrated.

◇ Not offered separately.

EXHAUST SYSTEM KAWASAKI AND PERKINS



Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	548604	Screw, flange lock 5/16-18 x 3/4	2	9	842555	Gasket, exhaust (diesel)	1
2	548911	Nut, whizlock 5/16-18	2	10	893062	Tube assembly (header gas)	1
3	800821	Nut, M10-1.25	3	11	842529	Gasket, exhaust (gas)	2
4	813688	Clamp, muffler	1	12	450323	Nut, M6	4
5	833188	Tailpipe	1	13	450421	Lockwasher, M6	4
6	833208	Gasket, exhaust	1	14	828153	Screw, M8-1.25 x 16	4
7	888332	Muffler assembly	1	15	306325	Lockwasher, 5/16	4
8	894349	Tube assembly (header diesel)	1	16	800423	Screw, M10-1.25 x 30	3

P893366, 893778, 893361

**SERVICABLE PARTS
FOR THE
KAWASAKI ENGINE, MODELS 898438, 898439, 898445, 898449, 898536 and 898537
and
FOR THE
PERKINS DIESEL ENGINE, MODELS 898636 and 898637**

KAWASAKI ENGINE, MODEL FD620D SPEC. AS14

Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	825619	Filter, fuel	1	3	842531	Filter, oil	1
2	840352	Element, air filter	1	4	◇	Spark plug	1

◇ Obtain from your local dealer or auto parts store
Spark Plug NGK - BMR 4A, gap setting .024 -.028 (.6mm - .8mm)

* Not Illustrated.

PERKINS DIESEL ENGINE, 103-10 Spec. KD30241

Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	840352	Element, air filter	1	4	842555	Gasket, manifold	1
2	842553	Filter, oil	1	5	842235	Gasket, air inlet	1
3	2208175	Filter, fuel	1				

* Not Illustrated.

This exploded view diagram illustrates the assembly of a vehicle chassis, likely a truck or heavy-duty vehicle. The components are numbered 1 through 76, and their assembly sequence is indicated by the numbers in the sequence of the exploded view. The diagram shows the following components and their assembly order:

- 1**: Bolt
- 2**: Bolt
- 3**: Bolt
- 4**: Bolt
- 5**: Bolt
- 6**: Bolt
- 7**: Bolt
- 8**: Bolt
- 9**: Bolt
- 10**: Bolt
- 11**: Bolt
- 12**: Bolt
- 13**: Bolt
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- 61**: Bolt
- 62**: Bolt
- 63**: Bolt
- 64**: Bolt
- 65**: Bolt
- 66**: Bolt
- 67**: Bolt
- 68**: Bolt
- 69**: Bolt
- 70**: Bolt
- 71**: Bolt
- 72**: Bolt
- 73**: Bolt
- 74**: Bolt
- 75**: Bolt
- 76**: Bolt

The diagram also includes the following labels:

- TO ENGINE**: Indicated by arrows pointing to components 63 and 62.
- REFERENCE TRANSMISSION (DRIVE) ASSEMBLY**: Indicated by an arrow pointing to the assembly of components 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.
- REFERENCE DRIVE SHAFT and BRAKE DISC**: Indicated by an arrow pointing to the assembly of components 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200.

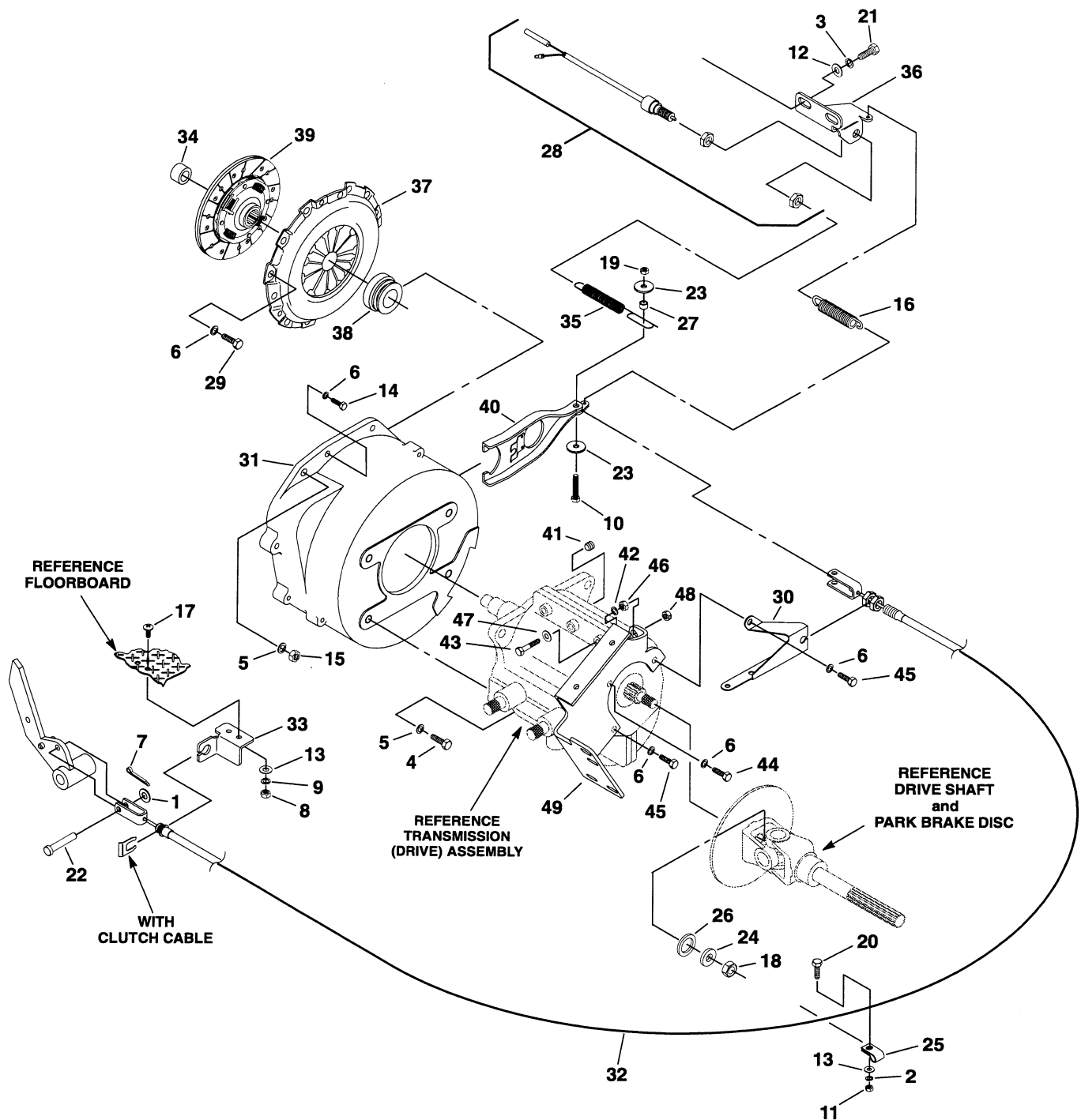
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**CLUTCH HOUSING, CLUTCH and CLUTCH LINKAGE,
MODELS 898438, 898439, 898445, 898449, 898536, & 898537**

Ref. No.	Part No.	Description	No. Req'd.	Ref. No.	Part No.	Description	No. Req'd.
1	103867	Washer, 5/16	1	40	842002	Shield, clutch splash	1
2	120052	Lockwasher, #10	1	41	831297	Yoke	1
3	131590	Screw, 5/16-18 x 3"	1	42	878854	Yoke, clutch release	1
4	450413	Lockwasher, M12	8	43	878856	Lining set	1
5	306319	Nut, 3/8-24	1	44	800222	•Rivet	8
6	306325	Lockwasher, 5/16"	21	45	885710	Bracket	1
7	306328	Pin, cotter, 3/32 x 3/4"	2	46	887044	Housing, clutch	1
8	306396	Lockwasher, 1/4	4	47	807442	•Fitting, lubrication, 90°	2
9	306416	Screw, 5/16-18 x 1"	4	48	831000	•Bushing	2
10	306460	Screw, #10-24 x 3/8"	1	49	888761	Rod, control	1
11	306555	Screw, 5/16-18 x 5/8"	6	50	890809	Kit, clutch switch	1
12	306487	Screw, 1/4-20 x 5/8"	4	51	308404	•Washer, 1/8"	2
13	306932	Nut, 5/16-18	1	52	320107	•Tie, 7" (178 mm)	2
14	306971	Pin, roll, 3/16 x 1 1/8"	2	53	800144	•Screw, #10-16 x 5/8", tapping	1
15	307662	Key, #15, woodruff	1	54	800225	•Screw, #10-24 x 1/4", set	1
16	308089	Washer, #10	1	55	837531	•Cam	1
17	130538	Screw, 7/16-14 x 1 1/4"	2	56	837533	•Plate, mounting	1
18	800254	Washer, 3/8 wavy	1	57	888503	•Service screw kit, (includes two #4-40 x 1 3/4" screws)	1
19	308090	Washer, 1/4 flat	4	58	800587	••Nut, #4-40 w/washer	2
20	840976	Adapter	1	59	890808	•Switch	1
21	878853	Plate, clutch mounting	1	60	800548	Bolt, M8-1.25	2
22	809260	•Ring, snap	1	61	814079	Pin, clevis	1
23	812899	•Bearing, pilot	1	62	869141	Adapter, clutch to engine	1
24	812902	Spring	1	63	893765	Bracket, clutch cable	1
25	812903	Spring	1	64	815180	Spacer	1
26	812904	Lever, clutch throwout	1	65	809180	Washer, 1/2	1
27	812906	Disc, driven	1	66	800198	Nut, 1/2-20 crownlock	1
28	812907	Plate, pressure, complete	1	67	450241	Bolt, M12-30	4
29	812911	•Plate, pressure	1	68	311395	Screw, 7/16-14 x 1 3/4"	2
30	812912	•Pin	3	69	306504	Screw, 3/8-24 x 1"	4
31	812913	•Bracket	3	70	304364	Nut, 7/16-14	2
32	812916	•Lever	3	71	833318	Support	1
33	812917	•Screw	3	72	120177	Lockwasher, 3/8	1
34	879552	•Spring set (contains 3)	1	73	301431	Screw, 3/8-16 x 2 1/2	1
35	883705	•Pin set	1	74	306435	Screw, 5/16-18 x 1 1/4	2
36	823602	••Ring, retaining	3	75	306562	Nut, 3/8-16	1
37	812908	Bearing, throwout	1	76	306981	Washer, 3/8	1
38	812988	Cover, clutch	1	77	800292	Nut, 3/8-16, crownlock	1
39	825918	Spring	1				

• INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN PRECEDING ASSEMBLY

CLUTCH and CLUTCH LINKAGE DIESEL MODELS 898636 and 898637

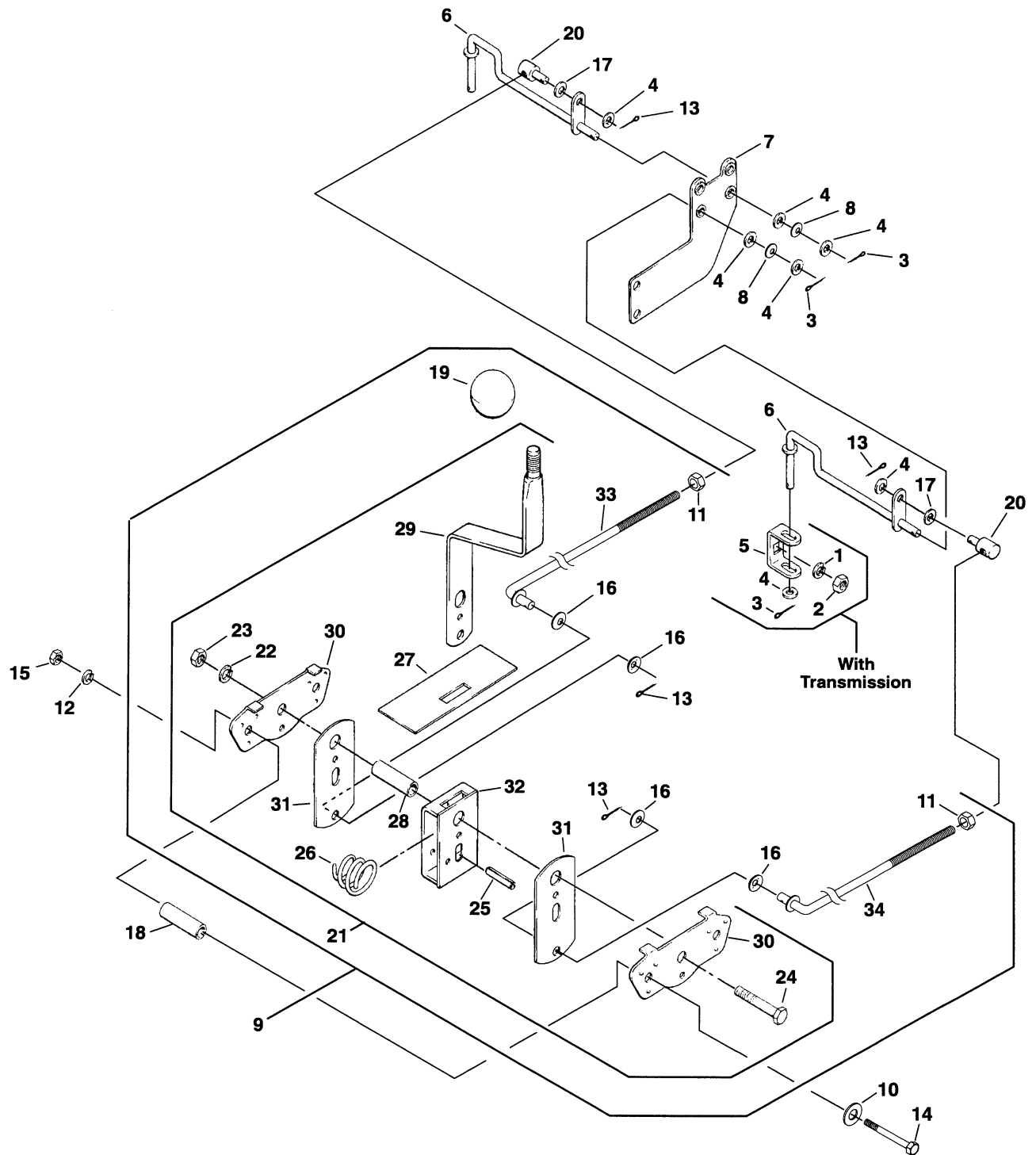


P893833, P893827, 893778

**CLUTCH HOUSING, CLUTCH and CLUTCH LINKAGE
DIESEL MODELS 898636 and 898637**

Ref. No.	Part No.	Description	No. Req'd.	Ref. No.	Part No.	Description	No. Req'd.
1	103867	Washer, 5/16	1	26	815180	Spacer	1
2	120052	Lockwasher, #10	1	27	819337	Bushing	1
3	120166	Lockwasher, 1/2	2	28	825743	Switch, starting	1
4	130538	Screw, 7/16-14 x 1 1/4"	4	29	828153	Screw, M8-1.25 x 16	6
5	303269	Lockwasher, 7/16	7	30	841370	Bracket, clutch cable	1
6	306325	Lockwasher, 5/16"	11	31	841806	Housing, clutch	1
7	306328	Pin, cotter, 3/32 x 3/4"	1	32	841859	Cable, clutch	1
8	306375	Nut, 1/4-20	2	33	842399	Bracket, clutch cable	1
9	306396	Lockwasher, 1/4	2	34	842454	Bearing, bronze	1
10	306423	Screw, 5/16-18 x 1 3/4"	1	35	842467	Spring, extension	1
11	306531	Nut, #10	1	36	869144	Bracket, spring	1
12	306982	Washer, 7/16	2	37	888564	Cover assembly, clutch	1
13	308090	Washer, 1/4	3	38	888348	Sleeve	1
14	450193	Screw, M8-1.25 x 30	2	39	889793	Disc assembly, clutch	1
15	450325	Nut, M10	3	40	893710	Lever, clutch release	1
16	518476	Spring, extension	1	41	800356	Plug, 1/2-14 NPTF	1
17	800582	Screw, 1/4-20 x 3/4"	2	42	120177	Lockwasher, 3/8	1
18	800198	Nut, crownlock, 1/2-20	1	43	301431	Screw, 3/8-16 x 2 1/2	1
19	800290	Nut, 5/16-18 centerlock	1	44	306416	Screw, 5/16-18 x 1	1
20	800296	Screw, #10-24 x 3/4	1	45	306435	Screw, 5/16-18 x 1 1/4	2
21	800921	Screw, M12-1.25 x 12	2	46	306562	Nut, 3/8-16	1
22	806703	Pin, clevis	1	47	306981	Washer, 3/8	1
23	809152	Washer	2	48	800292	Nut, 3/8-16 crownlock	1
24	809180	Washer, 7/16	1	49	833318	Support	1
25	814924	Clamp	1				

SHIFTER LINKAGE, DRIVE TRANSMISSION



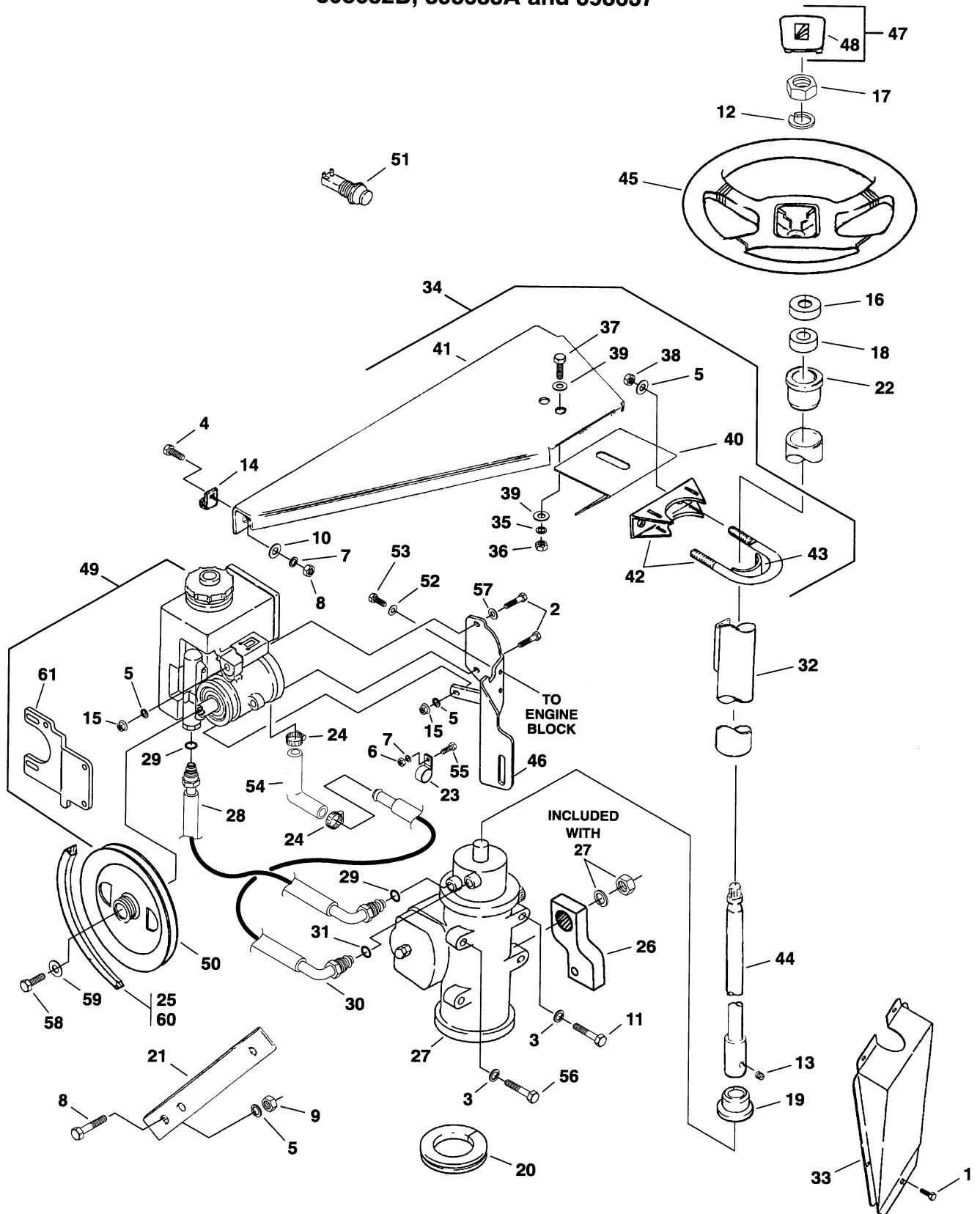
P890259

SHIFTER LINKAGE, DRIVE TRANSMISSION

Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	120166	Lockwasher, 1/2	2	18	838900	•Bushing	2
2	301988	Nut, 1/2-20	2	19	838909	•Ball	1
3	306328	Pin, cotter, 3/32 x 3/4	4	20	839181	•Pin, rod connecting	2
4	306981	Washer, 3/8	8	21	891951	•Selector, gear, complete	1
5	833743	Link, shifter	2	22	303269	••Lockwasher, 7/16	1
6	888694	Link, shifter, Low & Reverse	2	23	304364	••Nut, 7/16-14	1
7	888697	Plate, shifter pivot	1	24	315627	••Screw, 7/16-14 x 2 1/2	1
8	800254	Washer, spring	2	25	800801	••Pin, roll 3/8 x 1 3/8	1
9	892463	Shifter Assy. Complete	1	26	825538	••Spring	1
10	103867	•Washer, 5/16	2	27	825831	••Plate, slide	1
11	306319	•Nut, 3/8-16	2	28	838900	••Bushing	1
12	306325	•Lockwasher, 5/16	2	29	838901	••Lever, shifter	1
13	306328	•Pin, cotter, 3/32 x 3/4	4	30	838902	••Plate, shifter	2
14	306464	•Screw, 5/16-18 x 2 1/2	2	31	838903	••Arm, shifter	2
15	306932	•Nut, 5/16-18	2	32	891949	••Housing, shifter	1
16	306981	•Washer, 3/8	2	33	892116	•Rod, shifter, Low & Reverse	1
17	800254	•Washer, wave, 3/8	4	34	892117	•Rod, shifter, Second & High	1

• INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN THE PRECEDING ASSEMBLY.

**STEERING GEAR, HORN BUTTON, STEERING WHEEL,
POWER STEERING PUMP and SUPPORT
MODELS 898445, 898449, 898462C, 898469B, 898537,
898632B, 898635A and 898637**



P893830, P893823

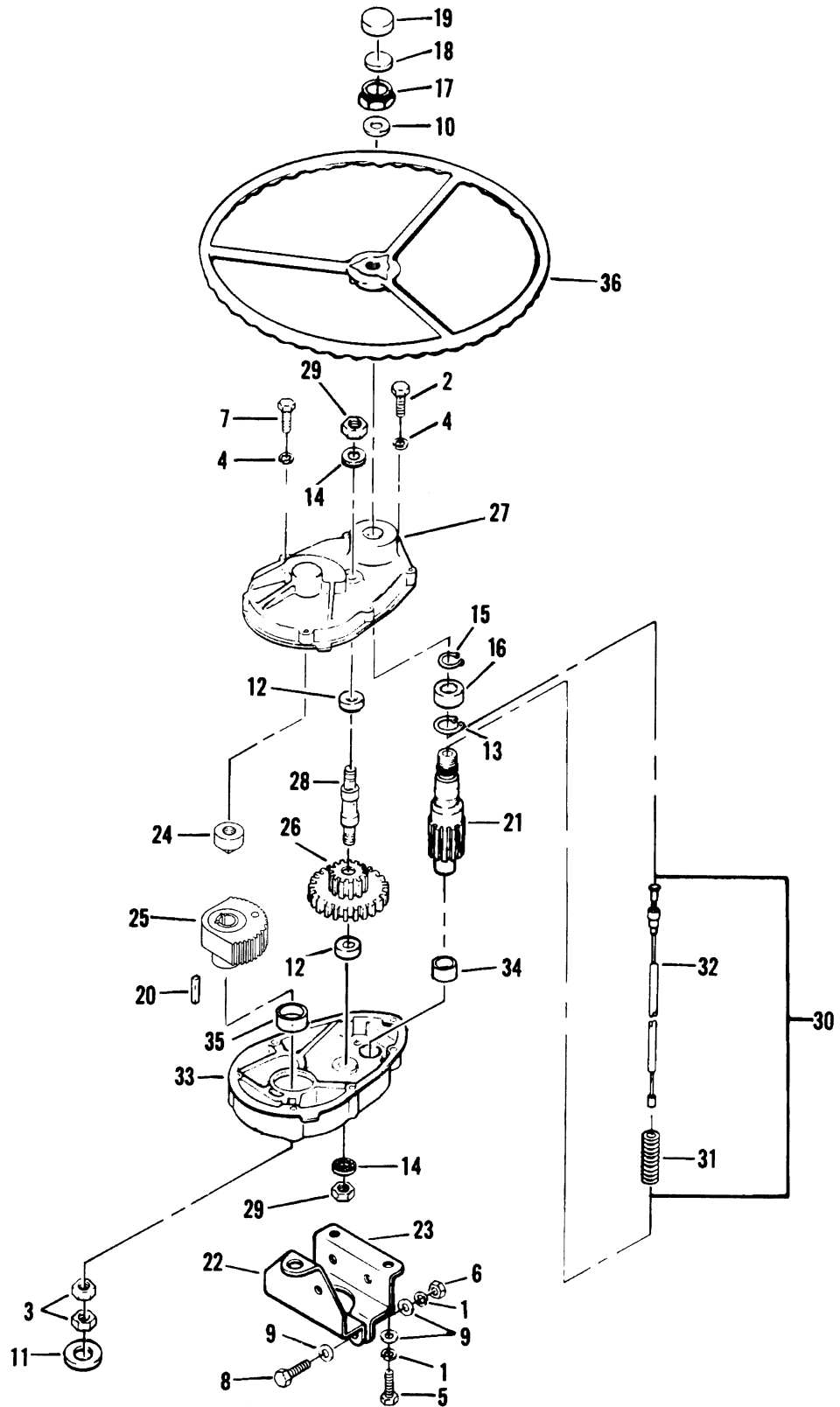
**STEERING GEAR, HORN BUTTON, STEERING WHEEL,
POWER STEERING PUMP and SUPPORT
MODELS 898445, 898449, 898462C, 898469B, 898537,
898632B, 898635A and 898637**

Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	112050	Screw, 1/4-20 x 5/8, tapping	5	32	839538	Tube	1
2	548958	Screw, 5/16-18 x 3 1/2	2	33	869099	Cover, steering gear	1
3	303269	Washer, 7/16	5	34	887516	Set, steering support	1
4	302288	Screw, 1/4-20 x 1	3	35	120177	•Washer, 3/8	2
5	306325	Lockwasher, 5/16	6	36	306562	•Nut, 3/8-16	2
6	306375	Nut, 1/4-20	4	37	306834	•Screw, 3/8-16 x 3/4	2
7	306396	Lockwasher, 1/4	4	38	306932	•Nut, 5/16-18	2
8	306450	Screw, 5/16-18 x 3/4	2	39	306981	•Washer, 3/8	4
9	306932	Nut, 5/16-18	2	40	831301	•Bracket, steering, adjustable	1
10	308090	Washer, 1/4	3	41	831402	•Support, steering column	1
11	311395	Screw, 7/16-14 x 1 3/4	3	42	831417	•U-bolt	1
12	311496	Washer, 11/16	1	43	831421	•Plate	1
13	548201	Screw, 5/16-18 x 5/16	1	44	892184	Shaft, steering	1
14	800279	Nut, 1/4-20, speed	3	45	892228	Wheel, steering	1
15	800697	Nut, 5/16-18, crown	2	46	892353	Bracket, power steering pump (gas engines)	1
16	810666	Cover	1	47	892486	Cover, center steering wheel	1
17	304104	Nut, jam, 5/16-18	1	48	839862	•Decal,	1
18	819923	Collar, foam	1	49◇	892534	Pump, power steering	1
19	831135	Bearing	1	50	839907	•Pulley, steering pump	1
20	825779	Grommet	1	51	830366	Horn switch	1
21	826311	Bracket, steering gear	1	52	306325	Lockwasher	2
22	828590	Housing, needle bearing	1	53	800538	Screw, M8-1.25 x 25	2
23	833553	Clamp	1	54	840222	Hose, .38 ID, 90° elbow	1
24	830930	Clamp	2	55	300646	Screw, 1/4-20 x 3/4	1
25	816864	V-belt (gas)	1	56	308197	Screw, 7/16-14 x 1 1/2	1
26	839257	Arm, pitman	1	57	103867	Washer, 5/16 flat	1
27	839327	Gear, power steering	1	58	131794	Screw, 5/16-18 x 2	1
28	839331	Hose, steering pressure	1	59	306981	Washer, 5/15 flat	1
	839330	Hose, steering pressure (diesel)	1	60	841967	V-belt (diesel)	1
29	111838	•O' ring	2	61	841921	Bracket, power steering pump (diesel engines)	1
30	839332	Hose, return	1				
31	111838	•O' ring	1				

• INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN THE PRECEDING ASSEMBLY.

◇ Pump service parts are available at automotive service centers. Refer to 1991-92 Buick Regal with a 3.8L V6 engine (Saginaw pump #26025515).

**STEERING GEAR, HORN BUTTON AND STEERING WHEEL
MODELS 898438, 898439, 898465B, 898536, 898630A and 898636**

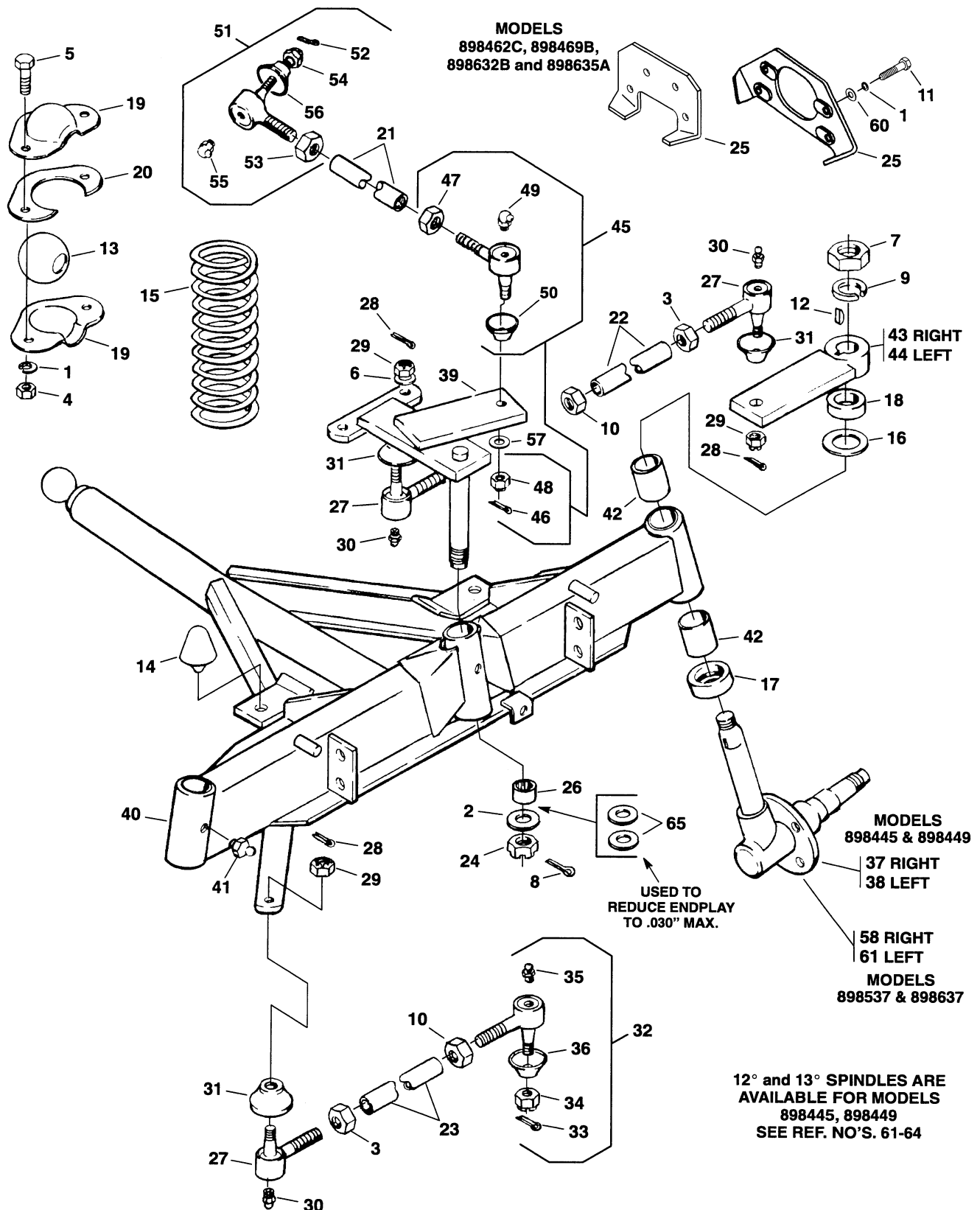


**STEERING GEAR, HORN BUTTON AND STEERING WHEEL
MODELS 898438, 898439, 898465B, 898536, 898630A and 898636**

Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	120177	Lockwasher, 3/8	5	19	816654	Button, horn	1
2	302030	Screw, 1/4-20 X 1 1/4	3	20	816659	Key	1
3	305134	Nut, 7/8-14, jam	2	21	816660	Shaft, pinion gear	1
4	306396	Lockwasher, 1/4	7	22	816674	Support, steering housing, front ..	1
5	306414	Screw, 3/8-16 x 1	3	23	816675	Support, steering housing, rear ..	1
6	306562	Nut, 3/8-16	2	24	825672	Nut, 1/2-20, special	1
7	306832	Screw, 1/4-20 x 2	4	25	830167	Gear, steering, driven	1
8	306835	Screw, 3/8-16 x 1 1/4	2	26	830168	Gear, steering, idler cluster	1
9	306981	Washer, 3/8	7	27	832555	Housing, upper steering gear	1
10	311496	Washer	1	28	883317	Bolt, idler adjusting	1
11	809255	Cover, dust shield	1	29	800612	•Nut, crown, 7/16-20	2
12	816446	Washer	2	30	884750	Wire and spring set	1
13	816447	Ring, retaining	1	31	826491	•Spring	1
14	816449	Washer, knurled	2	32	880365	•Wire and connector	1
15	816455	Ring, retaining	1	33	886883	Housing, lower steering gear	1
16	816456	Bearing, ball	1	34	830369	•Bushing	1
17	816652	Nut, horn button	1	35	830370	•Bushing	1
18	816653	Plate, horn button contact	1	36	888527	Wheel, steering	1

•INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN PRECEDING ASSEMBLY.

**FRONT AXLE, SPINDLES, SPRINGS AND TIE RODS
MODELS 898445, 898449, 898462C, 898469B, 898537,
898632B, 898635A and 898637**

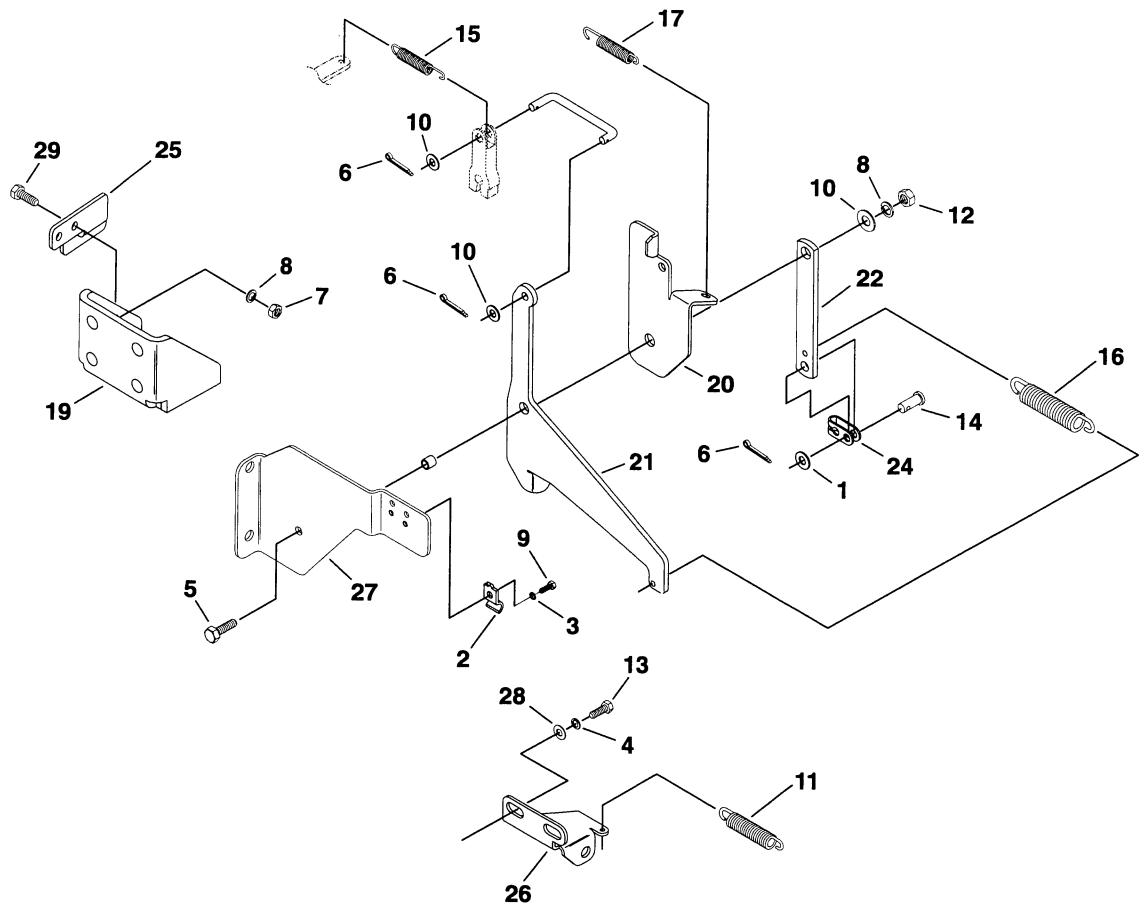


**FRONT AXLE, SPINDLES, SPRINGS AND TIE RODS
MODELS 898445, 898449, 898462C, 898469B, 898537,
898632B, 898635A and 898637**

Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	120177	Lockwasher, 3/8"	6	36	816586	•Retainer, grease	1
2	839422	Washer, brass thrust,	1	37	884696	Spindle, (right)	1
3	302944	Nut, 9/16-18, jam, right-hand threads	4	38	884695	Spindle, (left)	1
4	306562	Nut, 3/8-16	2	39	892188	Bellcrank, steering	1
5	306835	Screw, 3/8-16 x 1 1/4"	2	40	892190	Axle, front	1
6	306982	Washer, 7/16"	2	41	807439	•Fitting, lubrication, 1/4-28	3
7	307665	Nut, 3/4-16, jam	2	42	818238	•Bushing, king pin	4
8	307976	Pin, cotter, 5/32 x 1 1/4"	1	43	892212	Arm, steering, (right)	1
9	312272	Lockwasher, 3/4"	2	44	892213	Arm, steering, (left)	1
10	800485	Nut, 9/16-18, jam, left-hand threads	4	45	892537	End, tie rod, set w/hardware, right-hand threads	1
11	306834	Screw, 3/8-16 x 3/4"	4	46	304636	•Pin, cotter, 1/8 x 1 1/8"	1
12	805874	Key, woodruff, #9	2	47	800858	•Nut, jam, 11/16-18 right-hand threads	1
13	810144	Bushing, ball joint	1	48	800861	•Nut, castle, 9/16-20	1
14	813850	Isolater, rubber	2	49	831405	•Fitting, lubrication, 90°,	1
15	817543	Spring, coil	2	50	840178	Retainer, grease	1
16	817889	Washer, thrust, 1 5/32" I.D.	2	51	892538	End, tie rod, set w/hardware, left-hand threads	1
17	817891	Bearing, thrust	2	52	304636	•Pin, cotter, 1/8 x 1 1/8"	1
18	818219	Seal, king pin	2	53	800859	•Nut, jam, 11/16-18 left-hand threads	1
19	823025	Cap, ball joint	2	54	800861	•Nut, castle, 9/16-20	1
20	823026	Spacer, ball joint	1	55	831405	•Fitting, lubrication, 90°,	1
21	840079	Link, drag	1	56	840178	Retainer, grease	1
22	834891	Rod, tie	2	57	809156	Washer, flat, 9/16	1
23	835279	Rod, radius, tie	1	58	891487	Spindle (right) Models 898537 & 898637	1
24	839268	Nut, castle, 3/4-16	1	59	891488	Spindle (left) Models 898537 & 898637	1
25	839787	Stop, pitman arm	1	60	306981	Washer, 3/8"	4
26	839998	Bearing, needle	2	61	892895	Spindle, 13° (left) Models 898445 & 898449	1
27	887512	End, tie rod, set w/hardware, right-hand threads	4	62	892896	Spindle, 13° (right) Models 898445 & 898449	1
28	306328	•Pin, cotter, 3/32 x 3/4"	1	63	892897	Spindle, 12° (left) Models 898445 & 898449	1
29	306825	•Nut, castle, 7/16-20	1	64	892898	Spindle, 12° (left) Models 898445 & 898449	1
30	548224	•Fitting, lubrication, straight tapping, 1/4-28	1	65	520231	Washer, thrust	As Req'd.
31	816586	•Retainer, grease	1				
32	887750	End, tie rod, set w/hardware, left-hand threads	1				
33	306328	•Pin, cotter, 3/32 x 3/4"	1				
34	306825	•Nut, castle, 7/16-20	1				
35	548224	•Fitting, lubrication, straight tapping, 1/4-28	1				

• INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN PRECEDING ASSEMBLY

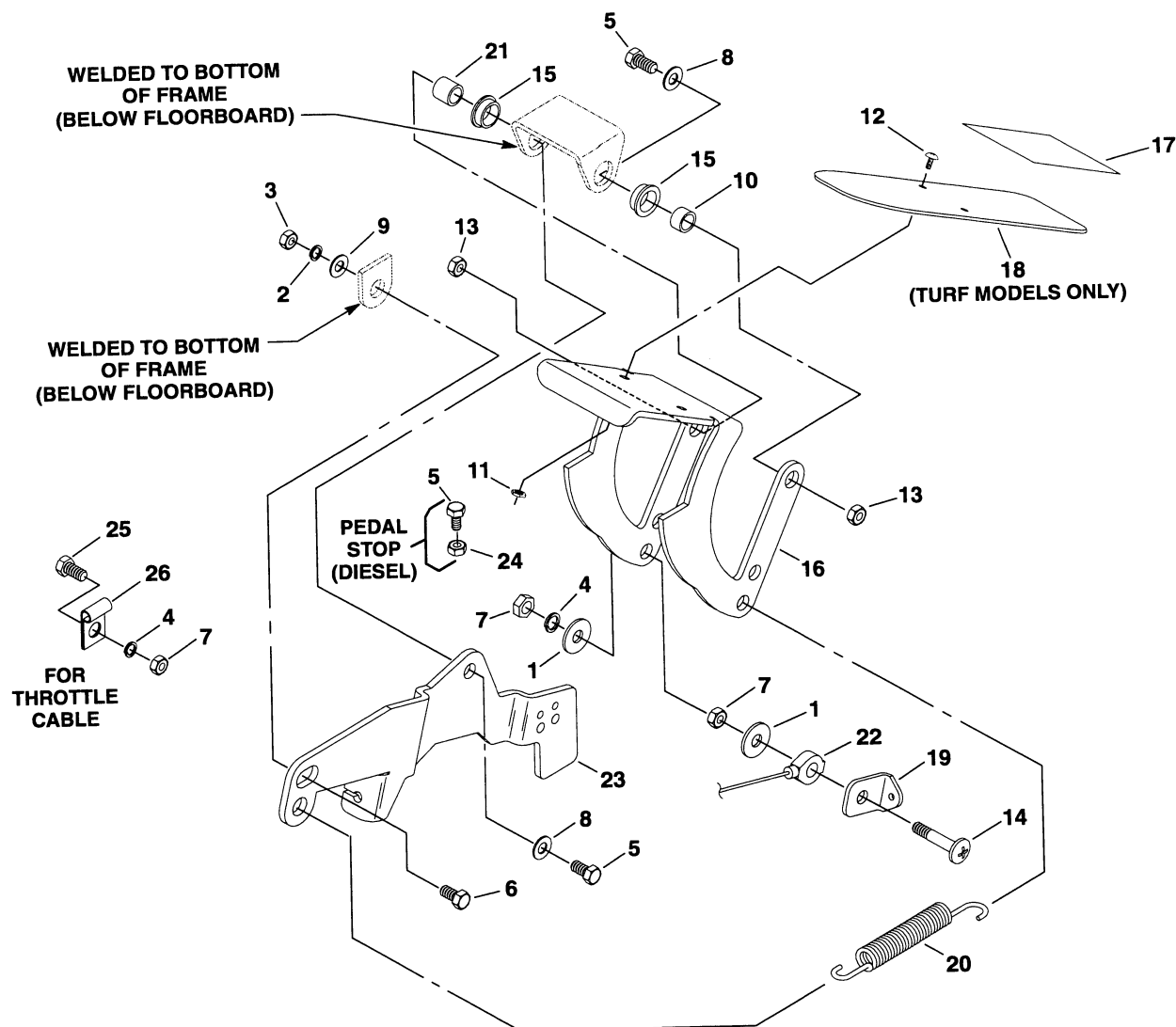
THROTTLE & GOVERNOR CONTROL **PERKINS DIESEL ENGINE MODELS 898636 and 898637**



Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	103867	Washer, 5/16	1	16	819543	Spring	1
2	111898	Clamp, cable	1	17	831499	Spring, extension	1
3	120052	Lockwasher, #10	1	18	833273	Bushing	1
4	120166	Lockwasher, 1/2	2	19	841883	Mount, diesel engine	1
5	302288	Screw, 1/4-20 x 1	1	20	841956	Arm, governor	1
6	306372	Pin, cotter	3	21	841957	Lever, throttle	1
7	306375	Nut, 1/4-20	2	22	841958	Arm, throttle	1
8	306396	Lockwasher, 1/4	3	23	841959	Linkage, throttle	1
9	306514	Screw, #10-24 x 1/2"	2	24	841960	Tab, cable mounting	1
10	308090	Washer, 1/4	3	25	841961	Bracket, cable mount	1
11	518476	Spring, extension	1	26	869144	Bracket, spring	1
12	800059	Nut, 1/4-20 centerlock	1	27	893612	Bracket, governor	1
13	800921	Screw, M12-1.25 x 20	2	28	306982	Washer, 7/16	2
14	812444	Pin, clevis	1	29	300646	Screw, 1/4-20 x 3/4	2
15	842785	Spring, idle return					

893778

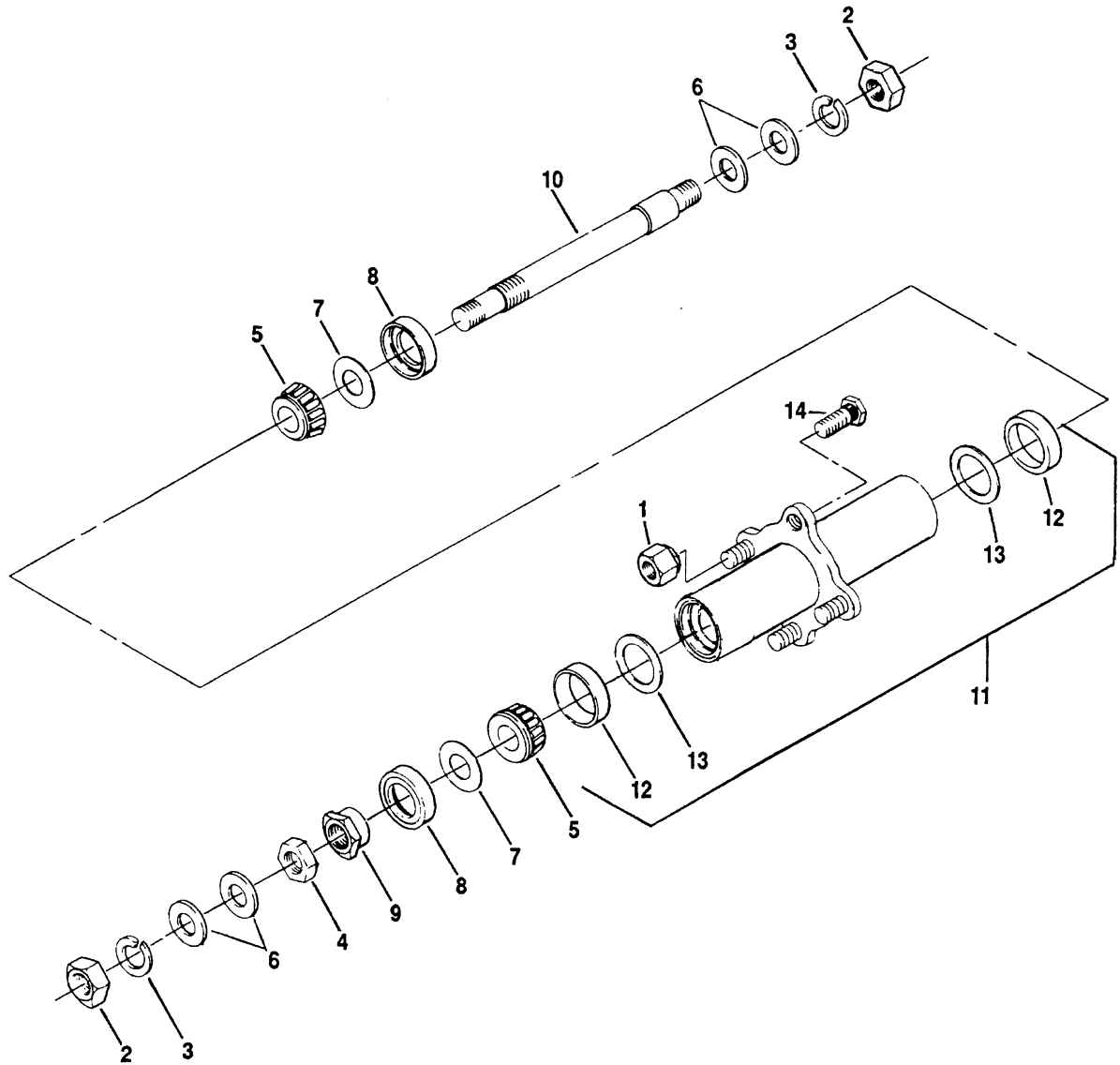
THROTTLE LINKAGE and FOOT PEDAL



Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	103867	Washer, 5/16 flat	2	15	830165	Bushing	2
2	303269	Lockwasher, 7/16	1	16	833428	Pedal, throttle	1
3	304364	Nut, 7/16-14	1	17	833600	Tread, pedal	1
4	306325	Lockwasher, 5/16	2	18	835270	Pad, pedal (throttle)	1
5	306414	Screw, 3/8-16	3	19	842452	Bracket, hand throttle	1
6	306838	Screw, 7/16-14 x 1	1	20	842598	Spring, extension	1
7	306932	Nut, 5/16-18	3	21	842615	Bushing	1
8	306981	Washer, 3/8 flat	2	22	869150	Cable, throttle (Kawasaki)	1
9	306982	Washer, 7/16 flat	1		869158	Cable, throttle (Perkins)	1
10	521679	Bushing	1	23	893773	Bracket, throttle assembly	1
11	548973	Nut, #10-24 stop	2	24	306562	Nut, 3/8-16	1
12	800271	Screw, #10-24 x 1/2	2	25	306450	Screw, 5/16-18 x 3/4	1
13	800292	Nut, 3/8-16 centerlock	2	26	810435	Clamp	1
14	800750	Screw, 5/16-18 x 1 1/4	1				

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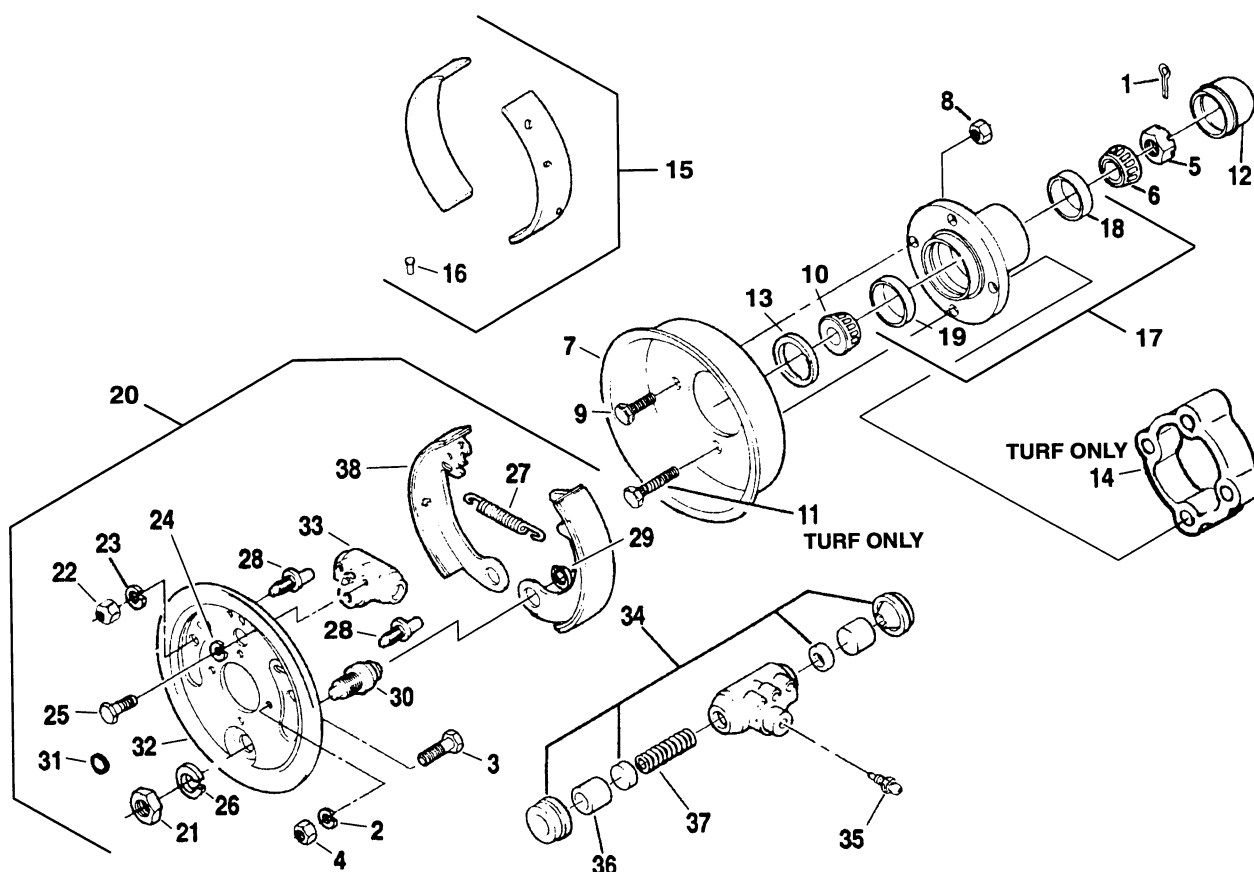
**THREE WHEEL
FRONT HUB AND AXLE
MODELS 898536, 898630A and 898636**



Ref. No.	Part No.	Description	No. Req'd.	Ref. No.	Part No.	Description	No. Req'd.
1	805860	Nut, wheel retaining	4	8	836621	•Seal, grease	2
	889845	Axle & hub, complete	1	9	836719	•Nut, bearing adjusting	1
2	304104	•Nut, 5/8-18	2	10	889843	•Axle, front	1
3	306494	•Lockwasher, 5/8	2	11	889844	•Hub w/cups, backing rings & screws	1
4	307665	•Nut, 3/4-16, jam	1	12	808088	••Cup, bearing	2
5	385174	•Cone, bearing	2	13	809268	••Ring, bearing backing	2
6	809156	•Washer, special	4	14	816320	••Screw, wheel mounting	4
7	809229	•Slinger grease	2				

• INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN PRECEDING ASSEMBLY.

**FOUR WHEEL FRONT HUB, FRONT WHEEL BRAKE,
SPACER AND WHEEL CYLINDER
MODELS 898445, 898449, 898462C, 898469B
and TURF 898537, 898632B, 898635A & 898637,**

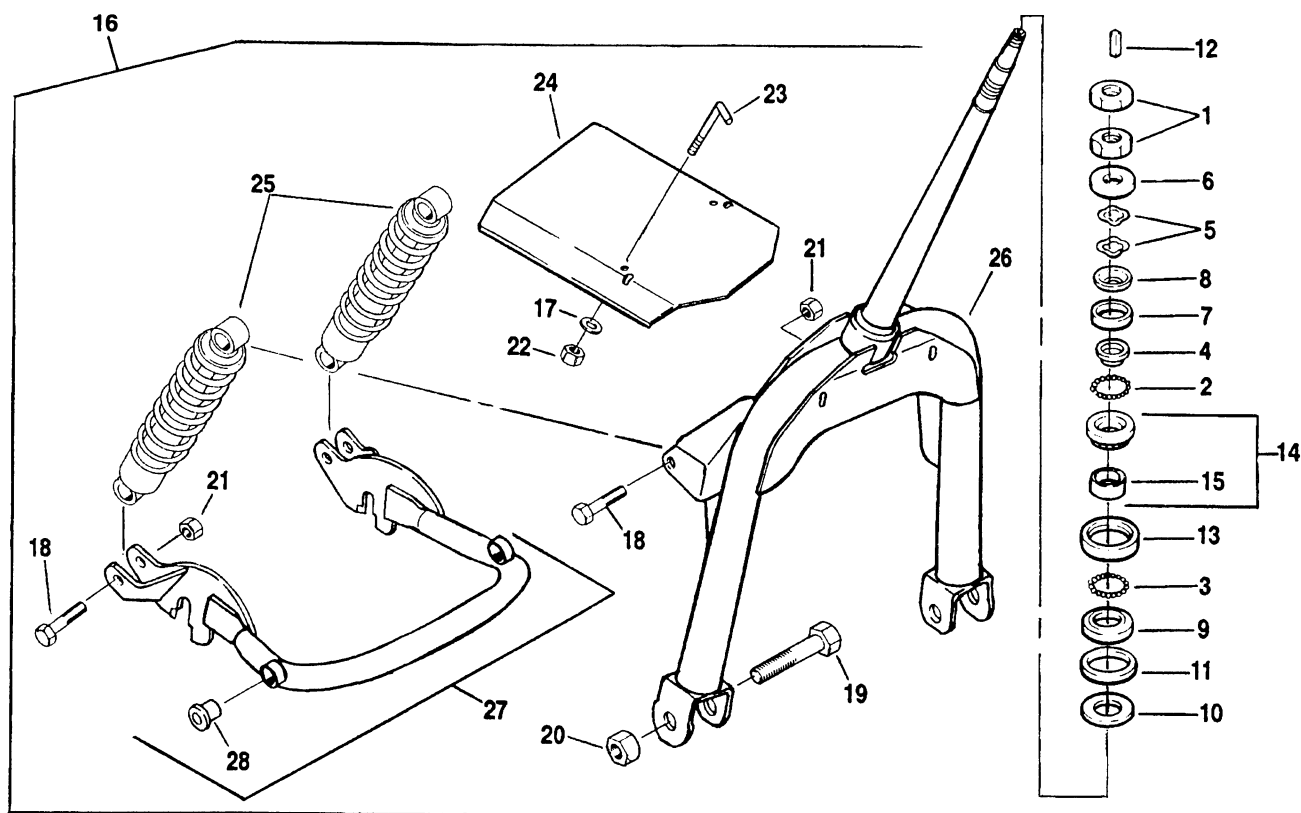


Ref. No.	Part No.	Description	No. ◇ Req'd	Ref. No.	Part No.	Description	No. ◇ Req'd
1	304636	Pin, cotter, 1/8" x 1 1/8"	1	20	886292	Shield, dust, complete	1
2	306325	Lockwasher, 5/16"	4	21	304104	•Nut, 5/8-18 jam	1
3	306450	Screw, 5/16-18 x 3/4"	4	22	306319	•Nut, 3/8-24	2
4	306932	Nut, 5/16-18	4	23	306353	•Lockwasher, 3/8"	2
5	311537	Nut, 3/4-16, castle	1	24	306396	•Lockwasher, 1/4"	2
6	385174	Bearing, cone and roller	1	25	306419	•Screw, 1/4-20 x 1/2"	2
7	805030	Drum, brake	1	26	306494	•Lockwasher, 5/8"	1
8	805860	Nut, wheel retaining	4	27	805441	•Spring	1
9	806274	Screw, wheel mounting	4	28	806761	•Pin, adjustment	2
10	815403	Cone, bearing, inner	1	29	809252	•Ring, retaining	1
11	815838	Screw, wheel mounting	4	30	829348	•Pin, heel	1
12	817250	Cover	1	31	835841	•Plug, hole	1
13	817928	Seal	1	32	884399	•Shield, dust	1
14	826010	Spacer	1	33	886371	•Cylinder, wheel	1
15	878159	Lining set, w/rivets	As Req'd.	34	811775	••Repair kit, wheel cylinder	1
16	800318	•Rivet	12	35	811794	••Screw, bleeder	1
17	881109	Hub w/bearing cups	1	36	811910	••Piston, wheel cylinder	2
18	808088	•Cup, bearing, outer	1	37	811911	••Spring, wheel cylinder	1
19	814474	•Cup, bearing, inner	1	38	887284	•Brake shoe, w/lining (bonded) ..	2

• INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN PRECEDING ASSEMBLY
◇ Indicated quantity is for each wheel brake

P892357

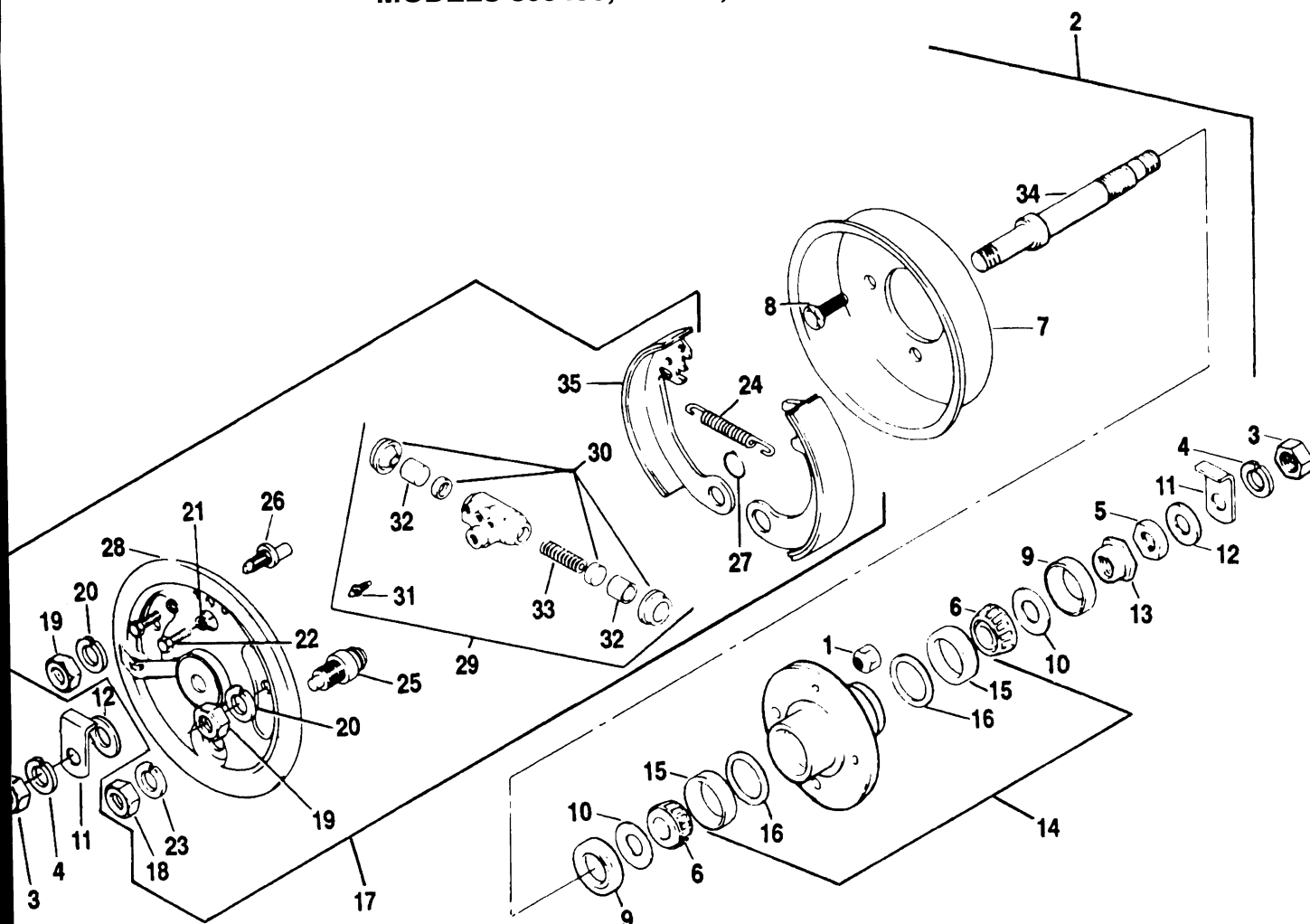
FORK **MODELS 898536, 898630A and 898636**



Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	305134	Nut, 7/8-14, jam	2	15	829285	•Bushing, upper fork	1
2	800128	Ball, 3/16" (4.8mm)	20	16	889841	Fork, complete	1
3	800130	Ball, 1/4" (6.4mm)	25	17	308090	•Washer, 1/4"	2
4	808076	Cone, king pin bearing	1	18	311396	•Screw, 7/16-14 x 2 1/4"	4
5	809221	Washer, spring, type 6	2	19	316915	•Screw, 5/8-11 x 2 1/2"	2
6	809255	Retainer	1	20	548060	•Nut, 5/8-11, centerlock	2
7	812167	Seal, dust	1	21	800294	•Nut, 7/16-14, centerlock	2
8	814961	Washer	1	22	800706	•Nut, 1/4-20, crownlock flange	2
9	815232	Cone, bearing	1	23	809949	•Bolt, hook	2
10	815233	Washer	1	24	836611	•Panel, splash	1
11	815234	Seal, felt	1	25	836622	•Absorber, shock	2
12	816659	Key	1	26	889840	•Fork	1
13	816951	Cup, lower bearing	1	27	889952	•Yoke w/bushings	1
14	886600	Cup, upper king pin bearing	1	28	836618	••Bushing, flanged	2

• INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN PRECEDING ASSEMBLY.

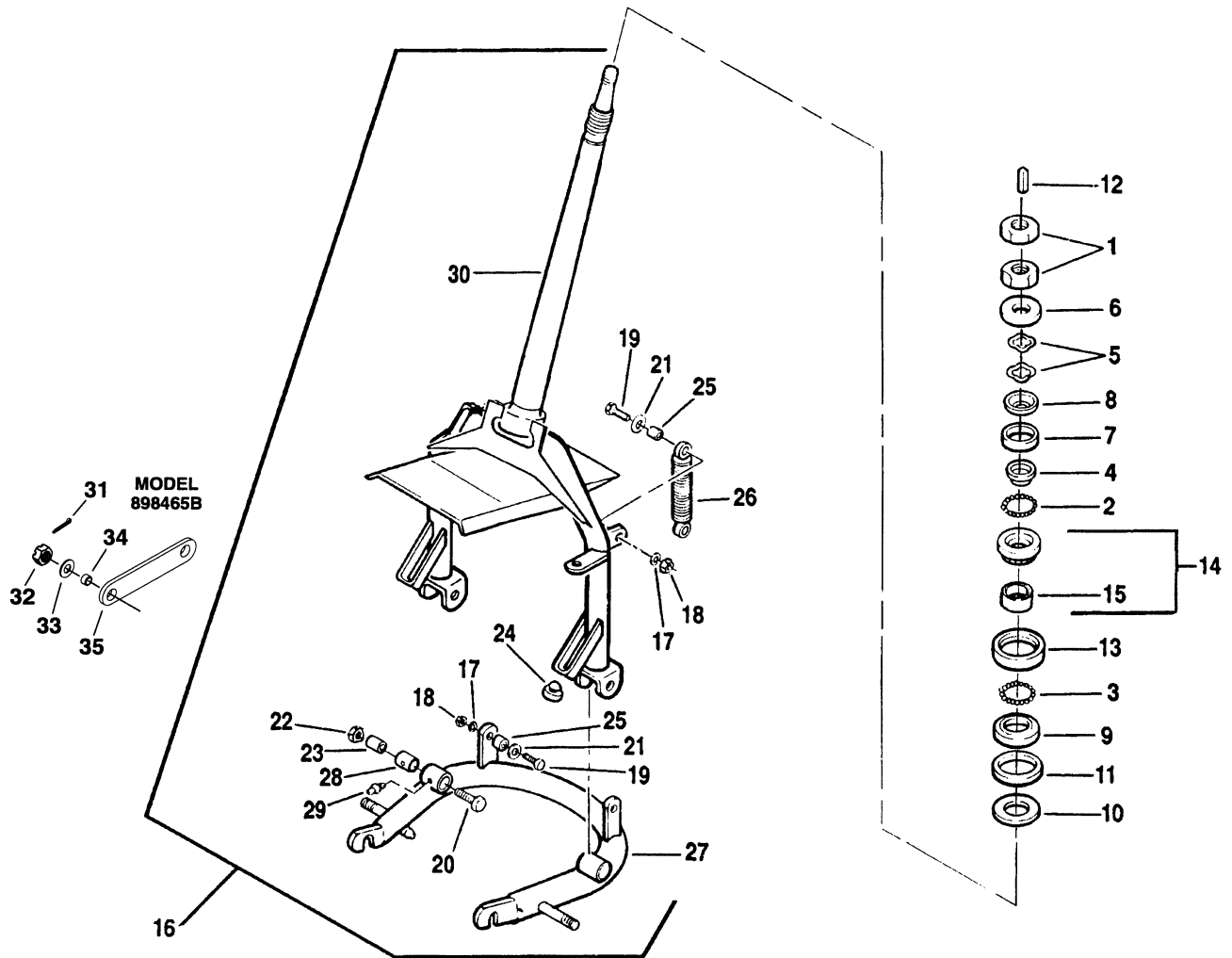
THREE WHEEL FRONT AXLE, HUB AND BRAKE MODELS 898438, 898439, and 898465B



Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	805860	Nut, wheel retaining	4	19	306319	••Nut, 3/8–24	2
2	878481	Front axle, hub, brake, complete	1	20	306353	••Lockwasher, 3/8	2
3	304104	•Nut, 5/8–18	2	21	306396	••Lockwasher, 1/4	2
4	306494	•Lockwasher, 5/8	1	22	306419	••Screw, 1/4–20 x 1/2	2
5	307665	•Nut, 3/4–16, jam	1	23	306494	••Lockwasher, 5/8	2
6	385174	•Cone, bearing	2	24	805441	••Spring, brake shoe	1
7	805030	•Drum, brake	1	25	806758	••Pin, heel	1
8	806274	•Screw, wheel mounting	4	26	806761	••Pin, adjustment	2
9	807630	•Seal, grease	2	27	809252	••Ring, snap	1
10	809229	•Slinger, grease	2	28	878483	••Shield, dust	1
11	813717	•Washer, front axle lock	2	29	886371	••Cylinder, wheel	1
12	836674	•Washer, axle thrust	2	30	811775	•••Repair kit, wheel cylinder	1
13	836719	•Nut, bearing adjusting	1	31	811794	•••Screw, bleeder	1
14	876409	•Hub w/cups & backing rings	1	32	811910	•••Piston, wheel cylinder	2
15	808088	••Cup, roller bearing	2	33	811911	•••Spring, wheel cylinder	1
16	809268	••Ring, backing	2	34	878484	••Axle, front	1
17	878482	•Shield w/brake shoes	1	35	887284	••Brake shoe w/lining(bonded)	2
18	130084	••Nut, 5/8–18	1				

•INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN PRECEDING ASSEMBLY.

FORK
MODELS 898438, 898439
and 898465B



Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	305134	Nut, 7/8-14, jam	2	19	306835	•Screw, 3/8-16 x 1 1/4"	4
2	800128	Ball, 3/16" (4.8mm)	20	20	311396	•Screw, 7/16-14 x 2 1/4"	2
3	800130	Ball, 1/4" (6.4mm)	28	21	604174	•Washer	4
4	808076	Cone, king pin bearing	1	22	800293	•Nut, 7/16-14, jam, centerlock	2
5	809221	Washer, spring, type 6	2	23	808969	•Bushing	2
6	809255	Retainer	1	24	810149	•Bumper, rubber	2
7	812167	Seal, dust	1	25	816697	•Bushing	4
8	814961	Washer	1	26	825403	•Spring	2
9	815232	Cone, bearing	1	27	879423	•Tube, axle mounting	1
10	815233	Washer	1	28	805189	••Bushing	2
11	815234	Seal, felt	1	29	807439	••Fitting, lubrication, 1/4-28	2
12	816659	Key	1	30	887270	•Tube, fork	1
13	816951	Cup, lower bearing	1	31	306328	Pin, cotter, 3/32 x 3/4	2
14	886600	Cup, upper king pin bearing	1	32	306825	Nut, castle, 7/16-20	2
15	829285	•Bushing, upper fork	1	33	306982	Washer, 7/16	2
16	887271	Fork, complete	1	34	825404	Bushing	2
17	120177	•Lockwasher, 3/8"	4	35	825405	Link, brake anchor	1
18	306562	•Nut, 3/8-16	4				

• INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN PRECEDING ASSEMBLY

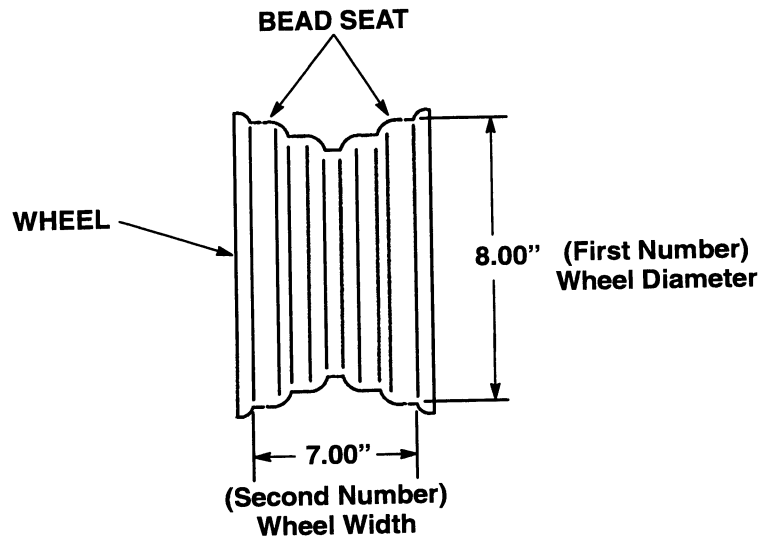
WHEEL SIZE MEASUREMENT

Wheel size is determined by measuring the wheel at the bead seat.

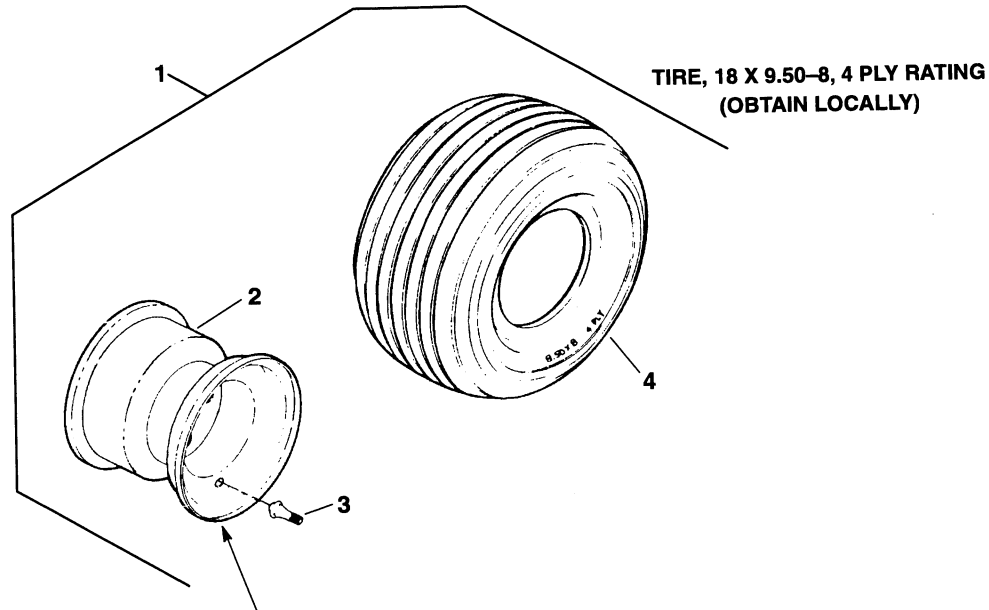
The **first number** is the **wheel diameter** measured at the bead seat.

The **second number** is the **wheel width** measured at the bead seat.

The illustration below shows an example if we had a 9.50 x 8.00 tire and mounted it on a 8.00 x 7.00 wheel



FRONT TIRE, WHEEL AND ACCESSORY SET MODELS 898536, 898537, 898630A, 898635A and 898637



FOR PROPER METHOD OF MEASUREMENT, SEE ILLUSTRATION ABOVE

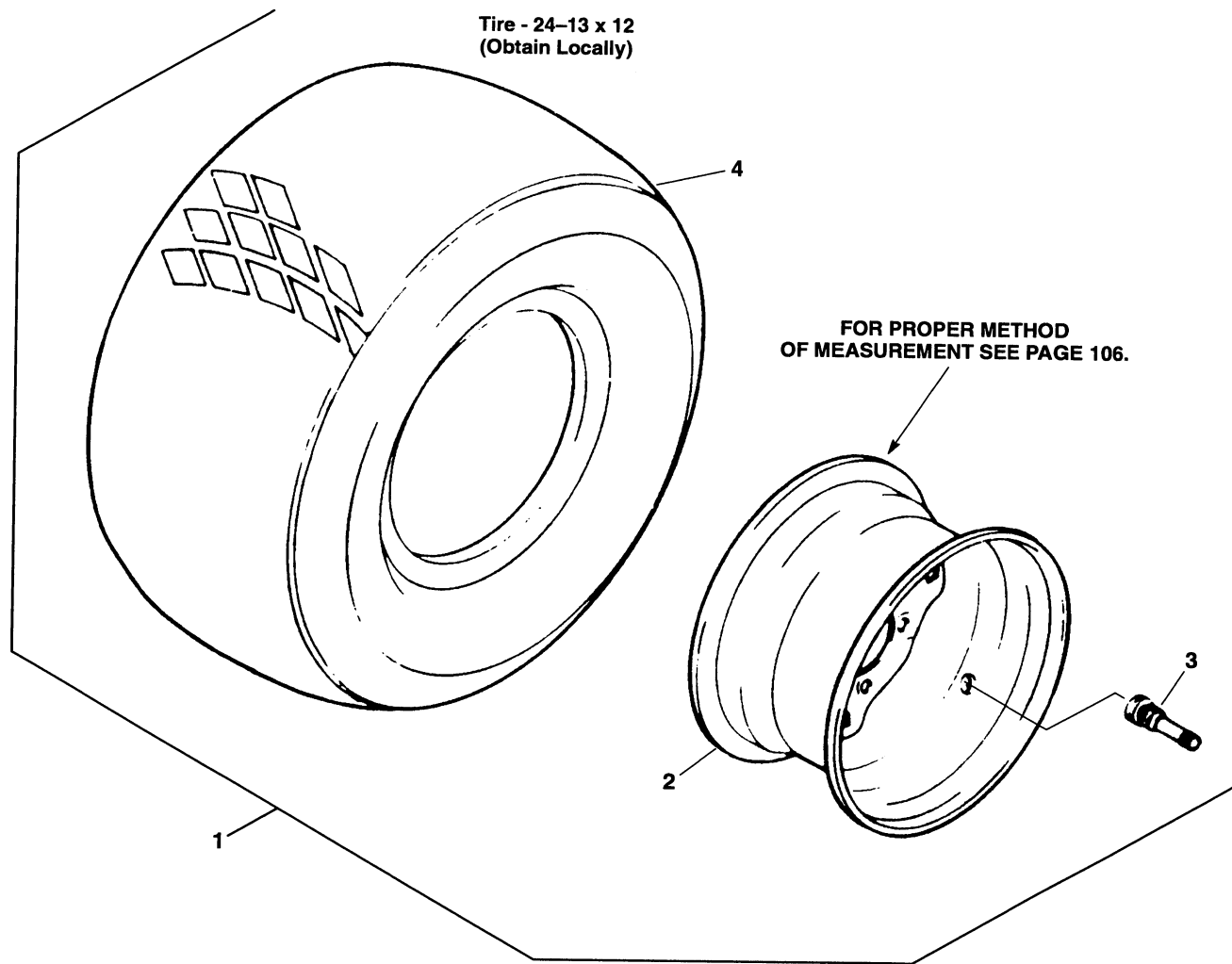
Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	889878	Tire and wheel set		3	886735	•Stem, valve	1
2	815474	•Wheel, 8.00 x 7.00, four bolt holes	1	4	◇◇	•Tire, 18. 9.50-8, 4 ply rating, rib tread	1

• INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN PRECEDING ASSEMBLY

◇◇ Obtain locally

P892357

REAR TIRE AND WHEEL (TURF)
 MODELS 898536, 898537, 898630A, 898635A,
 898636 and 898637



Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	890026	Tire and wheel set	2	3	886735	•Stem, valve	1
2	837053	•Wheel, 12 x 10.5	∅1	4	∅∅	•Tire, 24-13 x 12	1

• INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN PRECEDING ASSEMBLY
 ∅∅ Obtain locally

TIRES, WHEELS AND SPARE TIRES, OFF-ROAD MODELS

MODEL 898438

Ref No.	Part No.	Description	No. Req'd.
1	882930	Tire and wheel	
2	824989	•Wheel, 8.00 x 3.75 (four bolt)	1
3	886735	•Stem, valve	1
4	◇	•Tire, 5.70 x 8 load range B	1

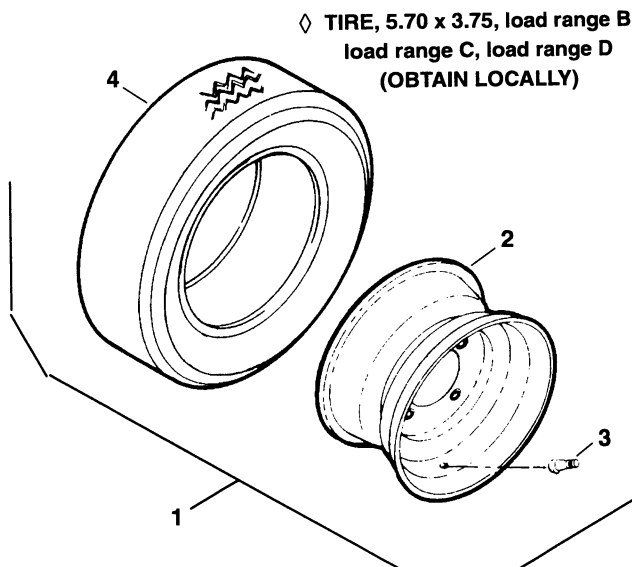
MODELS 898439, 898445, 898449, 898462C and 898469B

Ref No.	Part No.	Description	No. Req'd.
1	820497	Tire and wheel	
2	824989	•Wheel, 8.00 x 3.75 (four bolt)	1
3	886735	•Stem, valve	1
4	◇	•Tire, 5.70 x 8 load range C	1

MODELS 898439 and 898449

Ref No.	Part No.	Description	No. Req'd.
1	884021	Tire and wheel	
2	824989	•Wheel, 8.00 x 3.75 (four bolt)	1
3	886735	•Stem, valve	1
4	◇	•Tire, 5.70 x 8 load range D	1

• INDENTED PARTS NAMES INDICATE THESE PARTS ARE INCLUDED IN THE PRECEDING ASSEMBLY



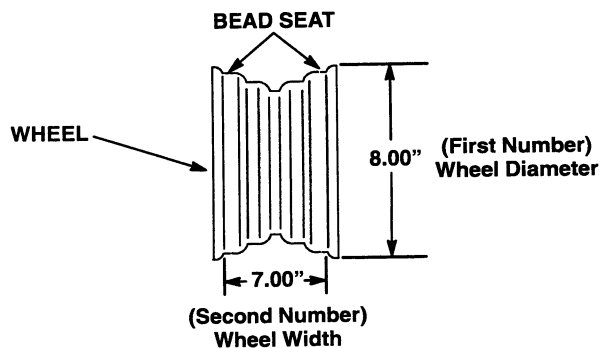
WHEEL SIZE MEASUREMENT

Wheel size is determined by measuring the wheel at the bead seat.

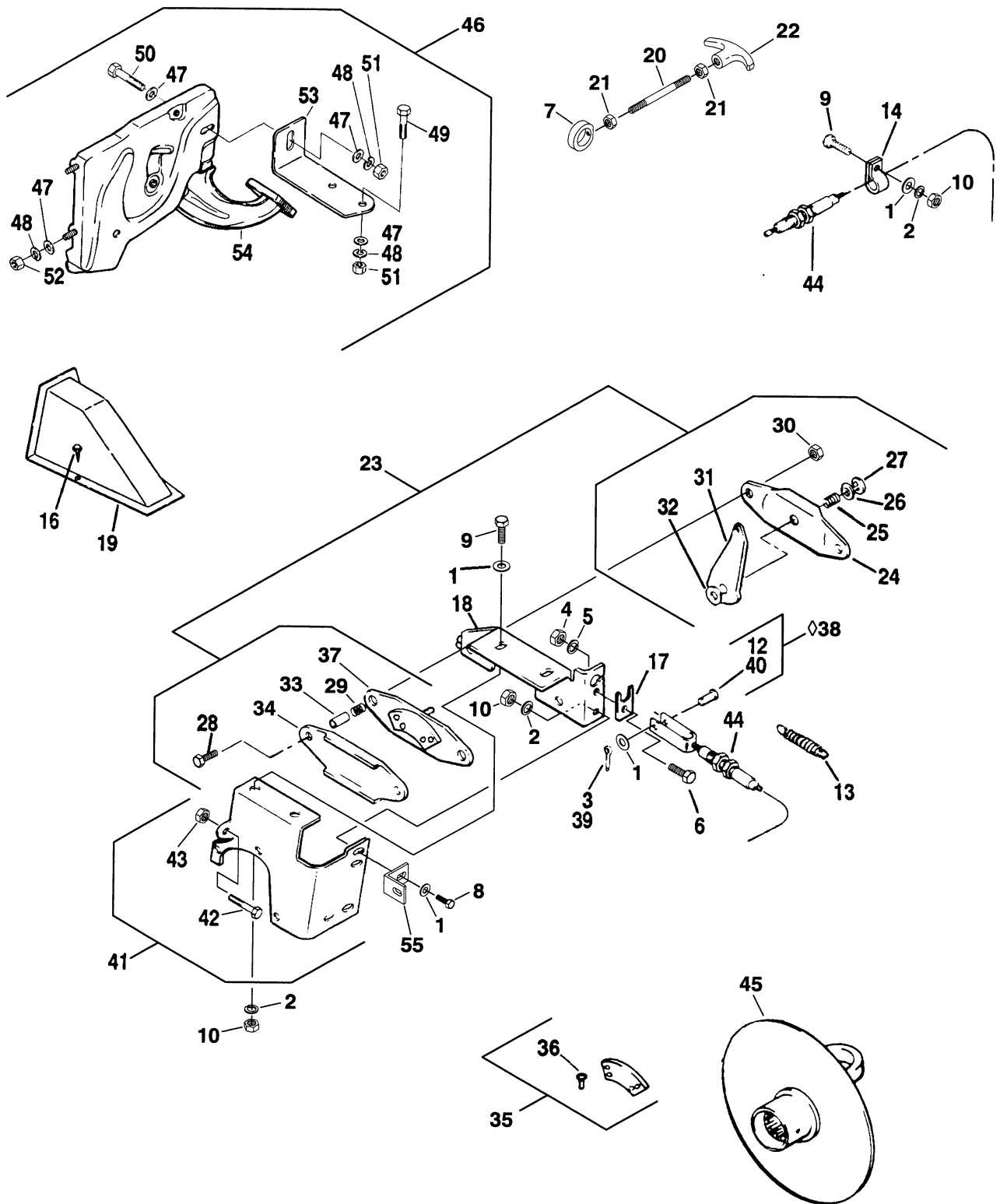
The **first number** is the **wheel diameter** measured at the bead seat.

The **second number** is the **wheel width** measured at the bead seat.

The illustration below shows an example if we had a 9.50 x 8.00 tire and mounted it on a 8.00 x 7.00 wheel



PARKING BRAKE



P890593, 893361

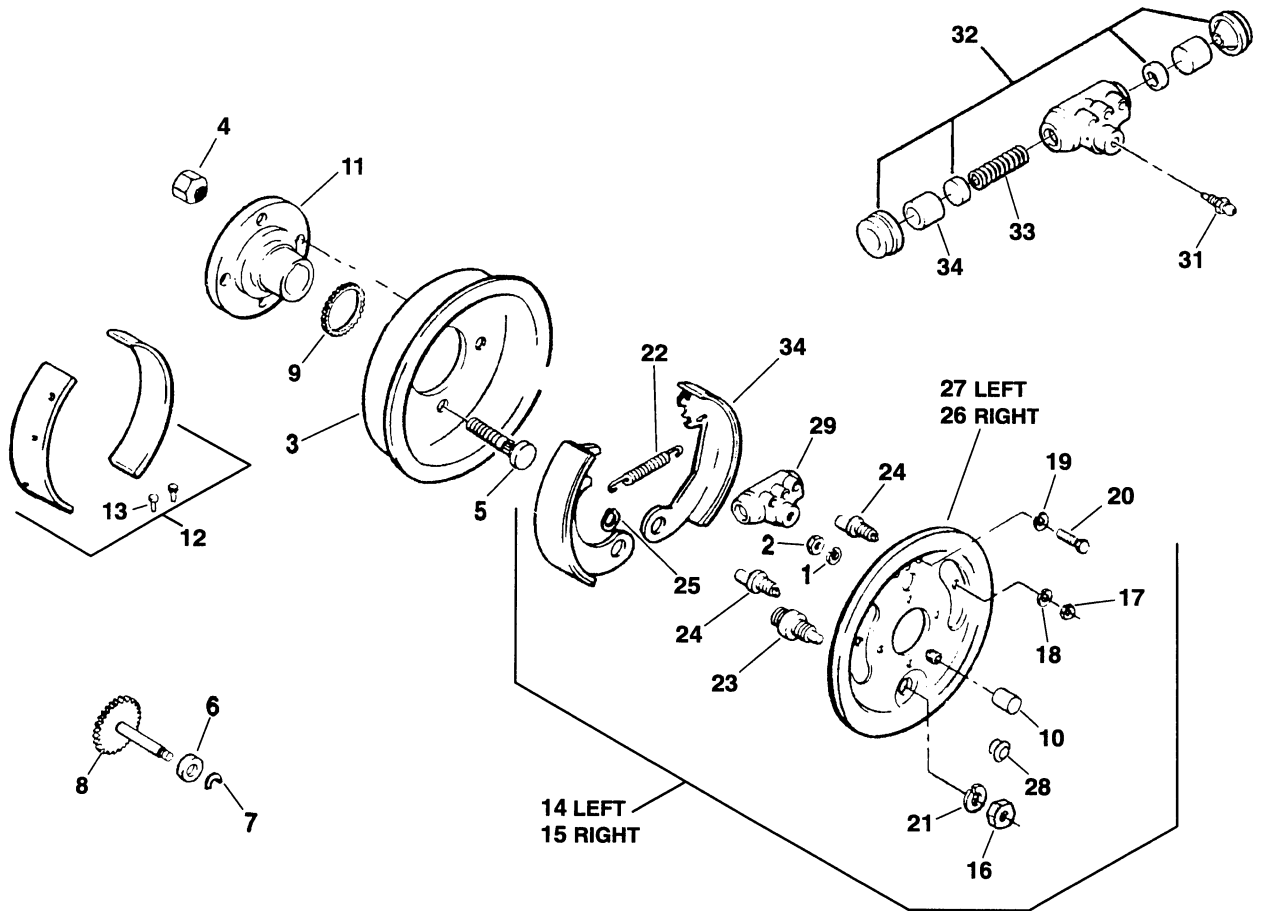
PARKING BRAKE

Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	103867	Washer, 5/16"	11	29	823465	•Spring	2
2	306325	Lockwasher, 5/16"	8	30	823466	•Nut, 3/8-24, lock	2
3	306328	Pin, cotter, 3/32" x 3/4"	1	31	829159	•Cam, 30°	1
4	306375	Nut, 1/4-20	1	32	829160	•Washer	1
5	306396	Lockwasher, 1/4"	1	33	829161	•Bushing	2
6	306409	Screw, 1/4-20 x 7/8"	1	34	883141	•Plate, rib w/lining	1
7	840830	Collar, park brake release	1	35	883487	•Lining set w/rivets	1
8	306435	Screw, 5/16-18 x 1 3/4"	3	36	826077	••Rivet	8
9	306450	Screw, 5/16-18 x 3/4"	4	37	884079	•Plate, stud, w/lining	1
10	306932	Nut, 5/16-18	7	38◇	886186	•Repair set, parking brake	1
11	800178	Screw, #8-32 x 1 1/2" P.T.H.	1	39	306328	••Pin, cotter, 3/32" x 3/4"	1
12	806703	Pin, clevis	1	40	814079	••Pin, clevis	1
13	812368	Spring, brake return	1	41	884985	Support, parking brake	1
14	815058	Clamp	1	42	301431	•Screw, 3/8-16 x 2 1/2"	1
15	817104	Stop, cable	1	43	800292	•Nut, 3/8-16, centerlock	1
16	819195	Screw, #8, self tapping	2	44	893099	Cable, parking brake, 78" (1981.2 mm)	1
17	825380	Clip	1	45	885783	Yoke & disc, parking brake	1
18	825590	Bracket, parking brake	1	46	891087	Kit, park brake	1
19	831008	Cover, park brake lever	1	47	103867	•Washer, 5/16"	6
20	840829	Rod, park brake release	1	48	306325	•Lockwasher, 5/16"	6
21	306397	Nut, 1/4-28	2	49	306416	•Screw, 5/16-18 x 1"	2
22	840831	Handle, brake release	1	50	306450	•Screw, 5/16-18 x 3/4"	1
23	882984	Caliper, parking brake	1	51	306932	•Nut, 5/16-18	3
24	823459	•Bracket, cam activator	1	52	450324	•Nut, 8M, grade 8	2
25	823460	•Spring	1	53	837745	•Brace, parking brake	1
26	823461	•Washer	1	54	888846	•Lever, park brake	1
27	823462	•Ring, snap, external	1	55	830708	Bracket	1
28	823463	•Screw, 3/8-24 x 2 1/2"	2				

• INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN PRECEDING ASSEMBLY

◇ Also includes Ref. Nos. 31, 32, & 33.

REAR BRAKE, REAR HUB, SPACER AND WHEEL CYLINDER W/REPAIR PARTS



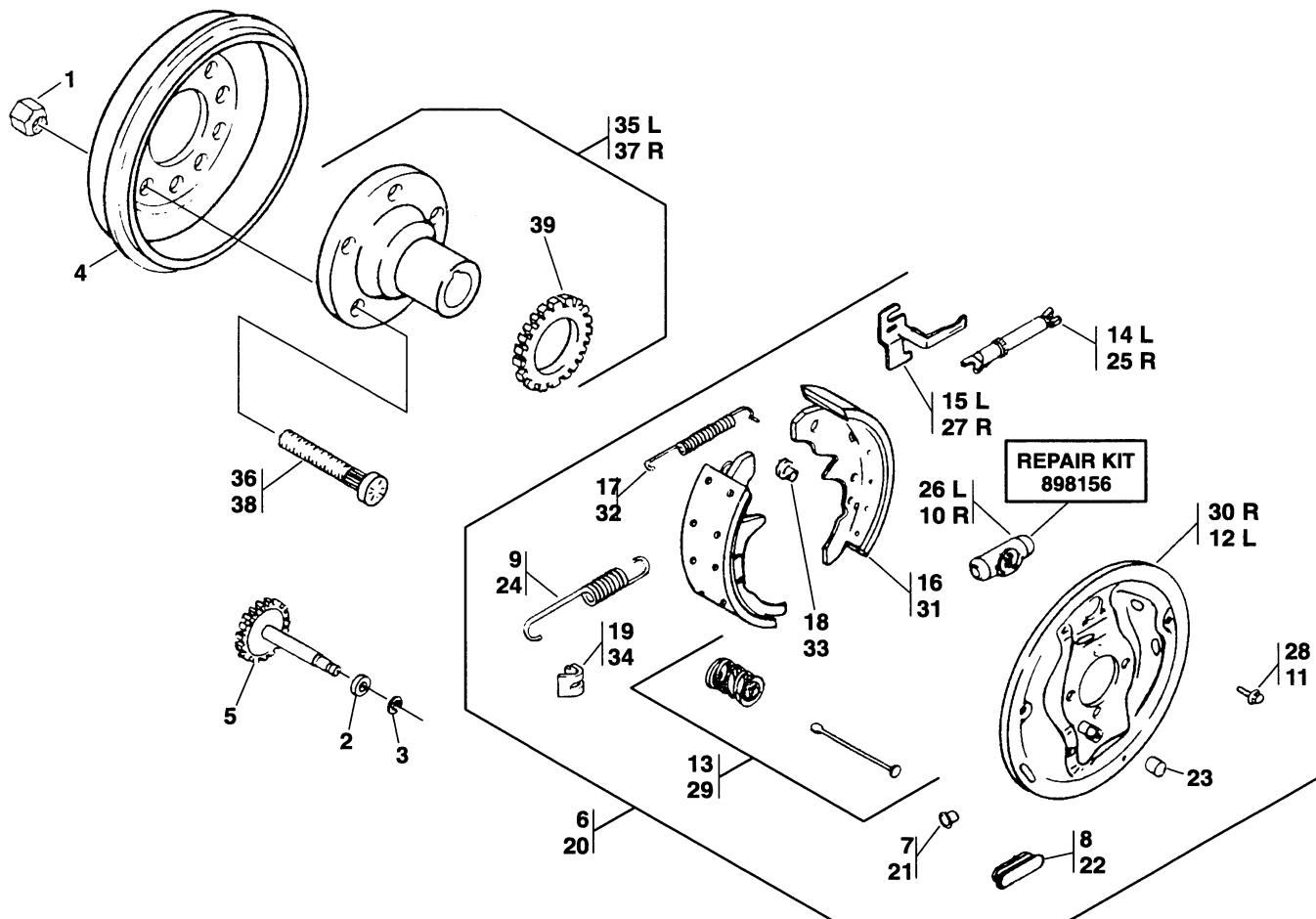
Ref. No.	Part No.	Description	◆ No. Req'd	Ref. No.	Part No.	Description	◆ No. Req'd
1	306325	Lockwasher, 5/16	4	17	306319	•Nut, 3/8–24	2
2	306932	Nut, 5/16–18	4	18	306353	•Lockwasher, 3/8	2
3	805030	Drum, brake	1	19	306396	•Lockwasher, 1/4	2
4	805860	Nut, wheel retaining	4	20	306419	•Screw, 1/4–20 x 1/2	2
5	806274	Screw, wheel mounting	4	21	306494	•Lockwasher, 5/8	1
6	809018	Bushing, speedometer gear	1	22	805441	•Spring	1
7	809257	Ring, speedometer gear retaining	1	23	806758	•Pin, heel	1
8	821153	Gear, speedometer driven	1	24	806761	•Pin, adjustment	2
9	821154	Gear, speedometer drive	1	25	809252	•Ring, retaining	1
10	824925	Cover, speedometer shaft	1	26	884402	•Shield, dust,RIGHT	1
11	827019	Hub, wheel	1		OR		
12	878159	Lining set, w/rivets	As Req'd.	27	889593	•Shield, dust,LEFT	1
13	800318	•Rivet	12	28	835841	••Plug, hole	1
14	881152	Shield, dust w/brake shoes, complete, LEFT	1	29	886371	•Cylinder, wheel	1
	OR			30	811775	••Repair kit, wheel cylinder	1
15	883034	Shield, dust w/brake shoes, complete, RIGHT	1	31	811794	••Screw, bleeder	1
16	130084	•Nut, 5/8–18	1	32	811910	••Piston, wheel cylinder	2
				33	811911	••Spring, wheel cylinder	1
				34	887284	•Brake shoe, w/lining (bonded) ..	2

• INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN THE PRECEDING ASSEMBLY.

◆ Indicated quantity is for each wheel brake.

P891524

REAR BRAKE, HUBS AND WHEEL CYLINDER (WIDE TURF TIRE)



Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	805860	Nut, wheel retaining	10	22	824833	•Cover, adjusting hole	1
2	809018	Bushing, speedometer	1	23	824925	•Cap	1
3	809257	Ring, retaining	1	24	833850	•Spring, retainer	1
4	836636	Drum, brake	2	25	833898	•Adjuster, brake, RIGHT	1
5	836700	Gear, speedometer	1	26	892471	•Cylinder, wheel	1
6	892608	Shoe & shield, complete, LEFT	1	27	833901	•Lever, brake, RIGHT	1
7	811650	•Plug	1	28	833911	•Bolt, M6	2
8	824833	•Cover, adjusting hole	2	29	833916	•Retainer, shoe	2
9	833850	•Spring, retainer	1	30	888777	•Dust shield, RIGHT	1
10	892471	•Cylinder, wheel	1	31	889350	•Brake shoe kit (2 shoes)	1
11	833911	•Bolt, M6	2	32	833918	••Spring, retainer	1
12	833912	•Dust shield, LEFT	1	33	834723	••Pin, brake	1
13	833916	•Retainer, shoe	2	34	839171	••Clip, spring standoff	1
14	833917	•Adjuster, brake, LEFT	1	35	889874	Hub, wheel, LEFT	1
15	833919	•Lever, brake, LEFT	1	36	806274	•Screw, wheel mounting	5
16	889350	•Brake shoe kit (2 shoes)	1	37	889875	Hub, wheel, RIGHT (w/gear)	1
17	833918	••Spring, retainer	1	38	806274	•Screw, wheel mounting	5
18	834723	••Pin, brake	1	39	836701	•Gear, speedometer	1
19	839171	••Clip, spring standoff	1	40*	889930	Kit, wheel cylinder, includes 1 spring, 2 boots, 1 bleeder valve	As Req'd.
20	892607	Shoe & shield, complete, RIGHT	1				
21	811650	•Plug	1				

• INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN PRECEDING ASSEMBLY

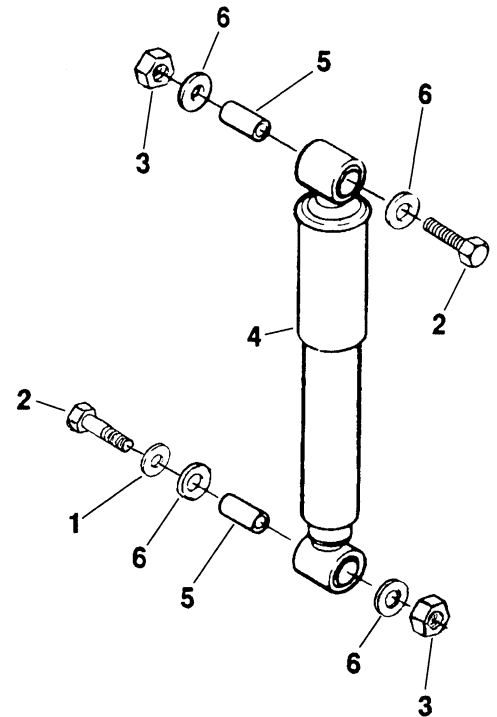
* Not illustrated.

P890270

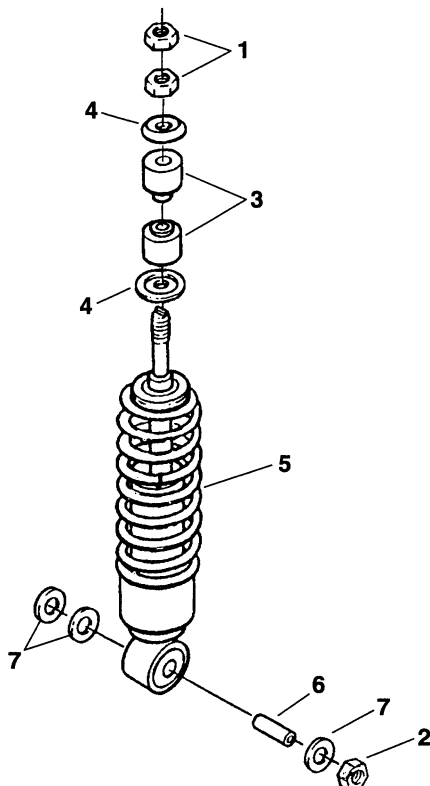
FRONT AND/OR REAR SHOCK ABSORBER

Ref No.	Part No.	Description	No. Req'd.
1	308091	Washer, 1/2"	1
2	311396	Screw, 7/16-14 X 2 1/4"	3
3	800294	Nut, 7/16-14	4
4 ◇	807332	Absorber, shock	2-4
5	823621	Bushing	4
6	825500	Washer, 7/16", cupped	8

◇ Use mounting hardware required for each model.
Position hardware as needed for front or rear of vehicle.

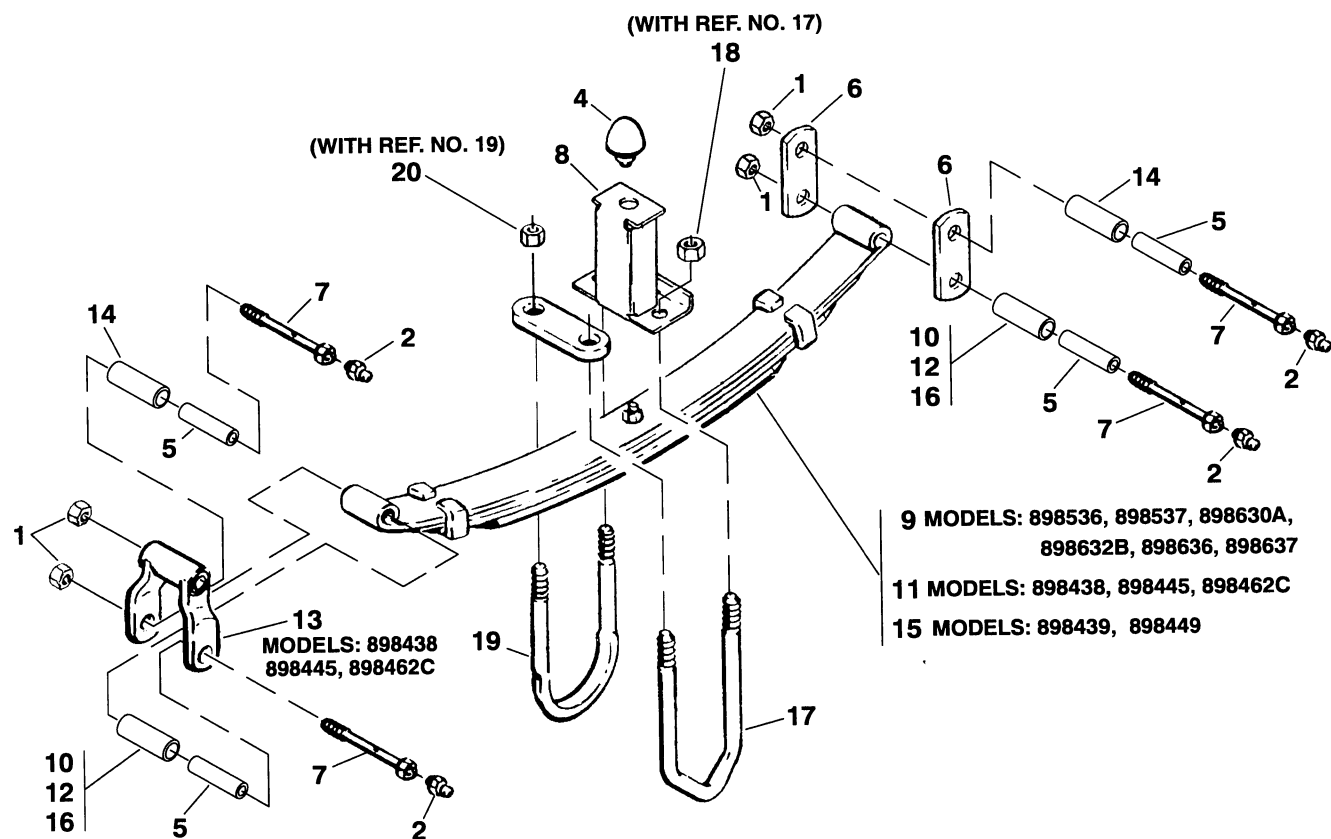


FRONT OVERLOAD SHOCK ABSORBER



Ref No.	Part No.	Description	No. Req'd.
1	306388	Nut, 3/8-24	4
2	800294	Nut, 7/16-14, centerlock	2
3	810157	Bushing, rubber	4
4	810758	Retainer, bushing	4
5	822770	Shock absorber, w/rubber bushing	2
6	823621	Bushing, steel	2
7	825500	Washer	6

REAR SPRING, U-BOLTS, UPSTOP AND SHACKLE

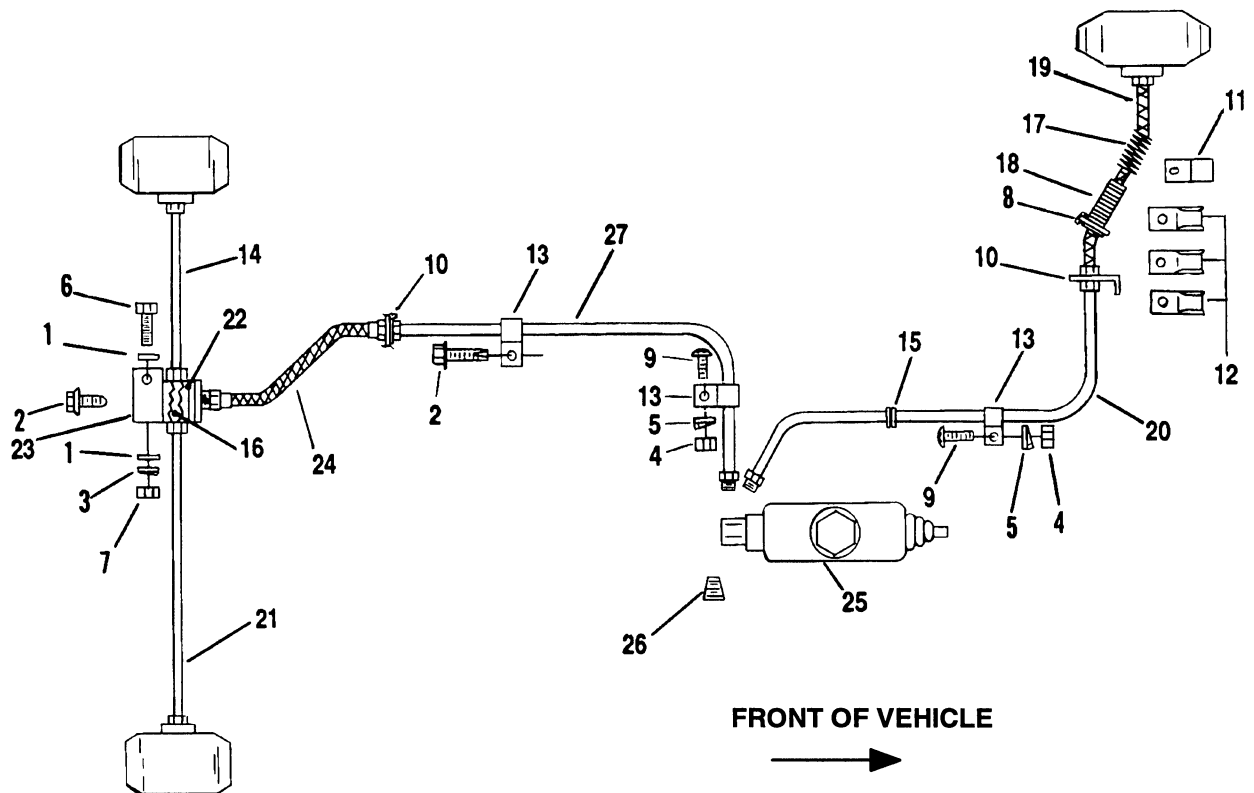


Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	800294	Nut, 7/16-14, lock	6	11	886014	Spring	2
2	807439	Fitting, lubrication, 1/4-28	6	12	821734	•Bushings, 7/8" x 5/8" x 2"	2
3	812218	Plate	2	13	886016	Spring shackle	2
4	813850	Bumper, rubber	2	14	805196	•Bushings, bronze	2
5	828946	Bushing	6	15	886084	Spring	2
6	828947	Shackle, spring	2	16	821734	•Bushings, 7/8" x 5/8" x 2"	2
7	828948	Screw, shackle	4	17	887187	U-bolt, 2" (51mm) w/nuts	2
8	834979	Upstop	2	18	548061	•Nut, 7/16-20	2
9	885465	Spring	2	19	887188	U-bolt, 2 1/2" (64mm) w/nuts	2
10	821734	•Bushings, 7/8" x 5/8" x 2"	2	20	548061	•Nut, 7/16-20	2

• INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN PRECEDING ASSEMBLY.

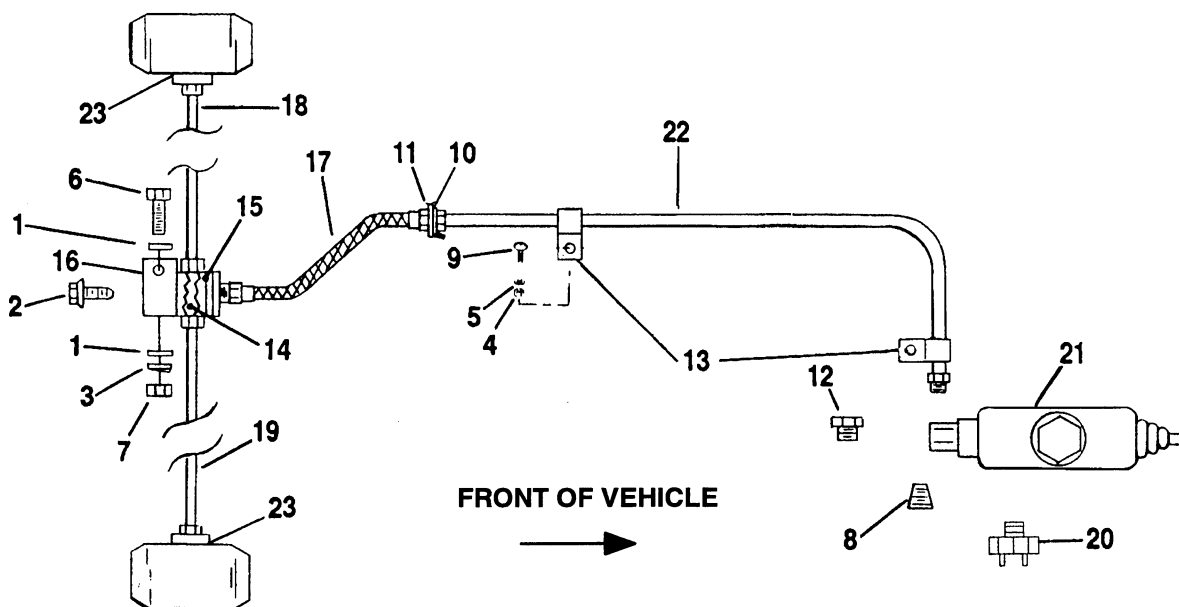
P890270

HYDRAULIC BRAKE SYSTEM **MODEL 898438, 898439, and 898465B**



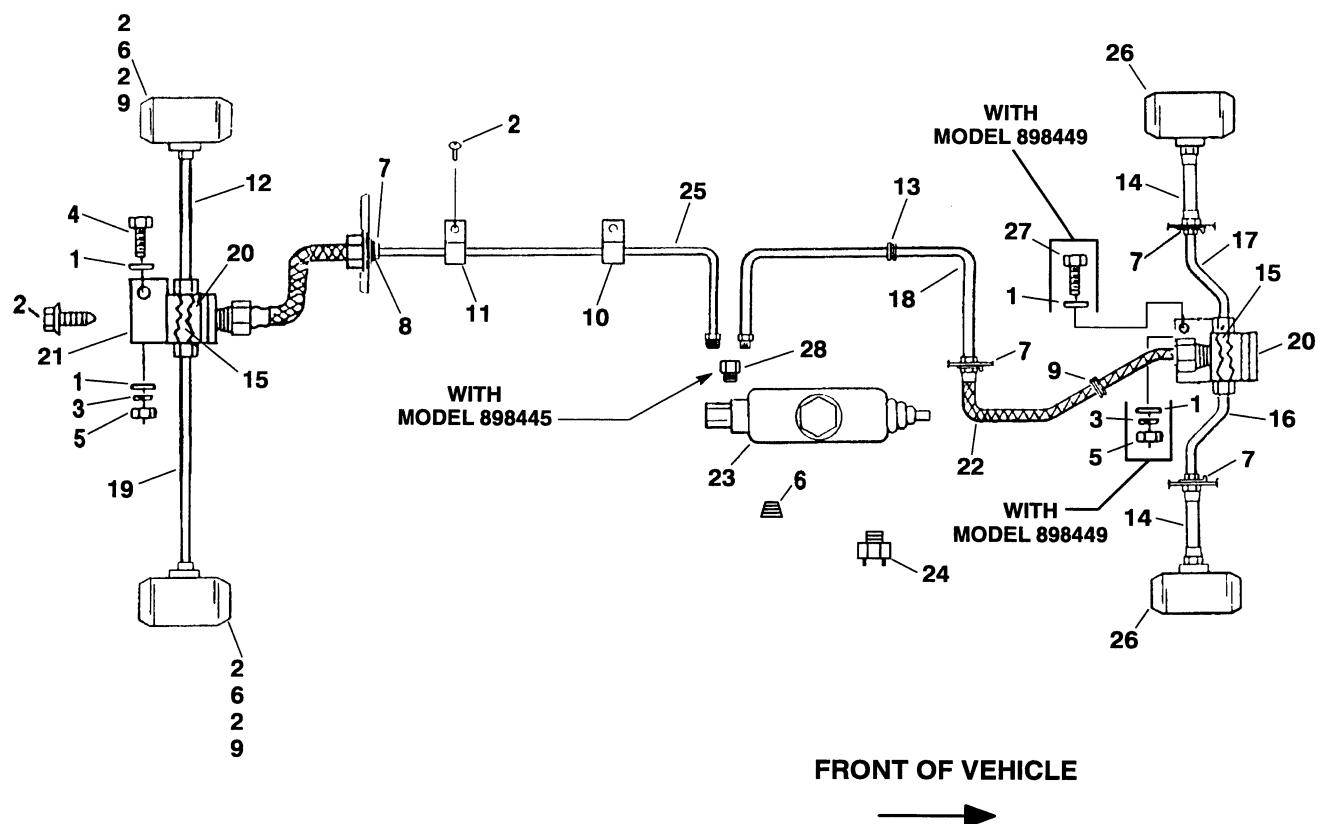
Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	103867	Washer, 5/16	2	16	820008	Tee, union	1
2	112050	Screw, 1/4-20 x 5/8, tapping	2	17	824731	Protector, spring	1
3	306325	Lockwasher, 5/16	1	18	826191	Tubing, convoluted, .500 I.D., 25' (7.6 M)	As Req'd
4	306375	Nut, 1/4-20	2	19	826603	Hose, flexible, 36 1/2" (932 mm)	1
5	306396	Lockwasher, 1/4	2	20	828072	Tube, brake, front	1
6	306435	Screw, 5/16-18 x 1 3/4	1	21	829049	Tube, brake, right rear	1
7	306932	Nut, 5/16-18	1	22	832584	Clamp, tee mounting	1
8	320107	Tie, 7" (178 mm)	1	23	832585	Bracket, brake fitting	1
9	800582	Screw, 1/4-20 x 3/4, P.T.H.	1	24	832590	Hose, flexible, 18" (457mm)	1
10	809137	Clip	2	25	886173	Cylinder, master, 1" (25.4 mm) bore	1
11	810437	Clip	1	26	800227	Plug, pipe, 1/8-27 NPT	1
12	810439	Clip	3	27	888742	Tube, brake, rear	1
13	812445	Clamp	3				
14	815421	Tube, brake left rear	1				
15	817307	Grommet	1				

HYDRAULIC BRAKE SYSTEM
WIDE TIRE (9.50 x 8) TURF
MODELS 898536, 898630A and 898636



Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	103867	Washer, 5/16"	1-3	13	812445	Clamp	2
2	112050	Screw, 1/4-20 x 5/8", tapping	1	14	820008	Tee, union	1
3	306325	Lockwasher, 5/16"	3	15	832584	Clamp, tee mounting	1
4	306375	Nut, 1/4-20	2	16	832585	Bracket, brake fitting	1
5	306396	Lockwasher, 1/4"	2	17	832587	Hose, flexible, 18" (457 mm)	1
6	306435	Screw, 5/16-18 x 1 1/4"	1	18	836727	Tube, brake, left rear	1
7	306932	Nut, 5/16-18	1	19	836728	Tube, brake, right rear	1
8	800227	Plug, pipe, 1/8-27, NPT	1	20	886182	Switch, stoplight	1
9	800277	Screw, 1/4-20 x 5/8", P.T.H.	3	21	886875	Cylinder, master brake, complete	1
10	809137	Clip	2	22	888742	Tube, brake, rear	1
11	809196	Washer	1	23	836796	Cylinder, wheel	2
12	809423	Plug	1				

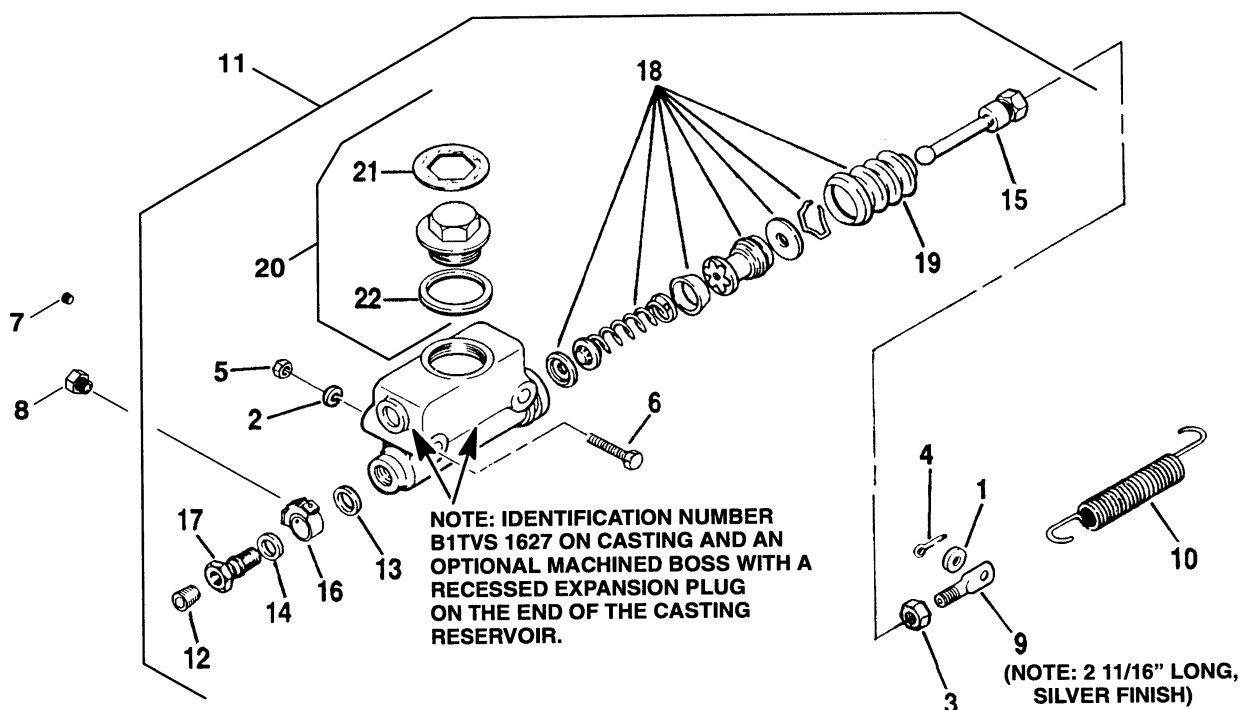
HYDRAULIC BRAKE SYSTEM (FOUR WHEEL BRAKES)
MODELS 898445, 898449, 898469B, 898537,
898632B, 898635B and 898637



Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	103867	Washer, 5/16"	2	18	826711	Tube, brake, front	1
2	112050	Screw, 1/4-20 x 5/8", tapping ...	3	19	836961	Tube, brake, right rear	1
3	306325	Lockwasher, 5/16"	1	20	832584	Clamp, tee mounting	2
4	306435	Screw, 5/16-18 x 1 1/4"	1	21	832585	Bracket, brake fitting	1
5	306932	Nut, 5/16-18	1	22	832587	Hose, flexible, 18" (457 mm)	1
6	800227	Plug, pipe, 1/8-27, NPT	2	23	886173	Cylinder, master brake, complete	1
7	809137	Clip	4	24	886182	Switch, stoplight	1
8	809196	Washer	1	25	888743	Tube, brake, rear	1
9	809231	Grommet	1	26	886371	Cylinder, wheel	4
10	810435	Clamp	1		886371	Cylinder, wheel (front only)	2
11	812445	Clamp	1			Turf Models 898537 & 898637 ...	2
12	836960	Tube, brake, left rear	1	27	306501	Srew, 5/16-18 x 1 1/2	1
13	817307	Grommet	1	28	809423	Plug (Model 898445)	1
14	838257	Hose, flexible	2	29	892471	Cylinder, wheel (rear only)	1
15	820008	Tee, union	2			Turf Models 898537 & 898637 ...	2
16	820958	Tube, brake, front	1				
17	820959	Tube, brake, front	1				

**1" BORE MASTER CYLINDER PART NO. 886173 AND BRAKE ROD
MODELS 898438, 898439, 898449, 898537, 898632B, 898635A and 898637**

**3/4" BORE MASTER CYLINDER PART NO. 886875 AND BRAKE ROD
MODELS 898445, 898462B, 898465B, 898536 and 898636**

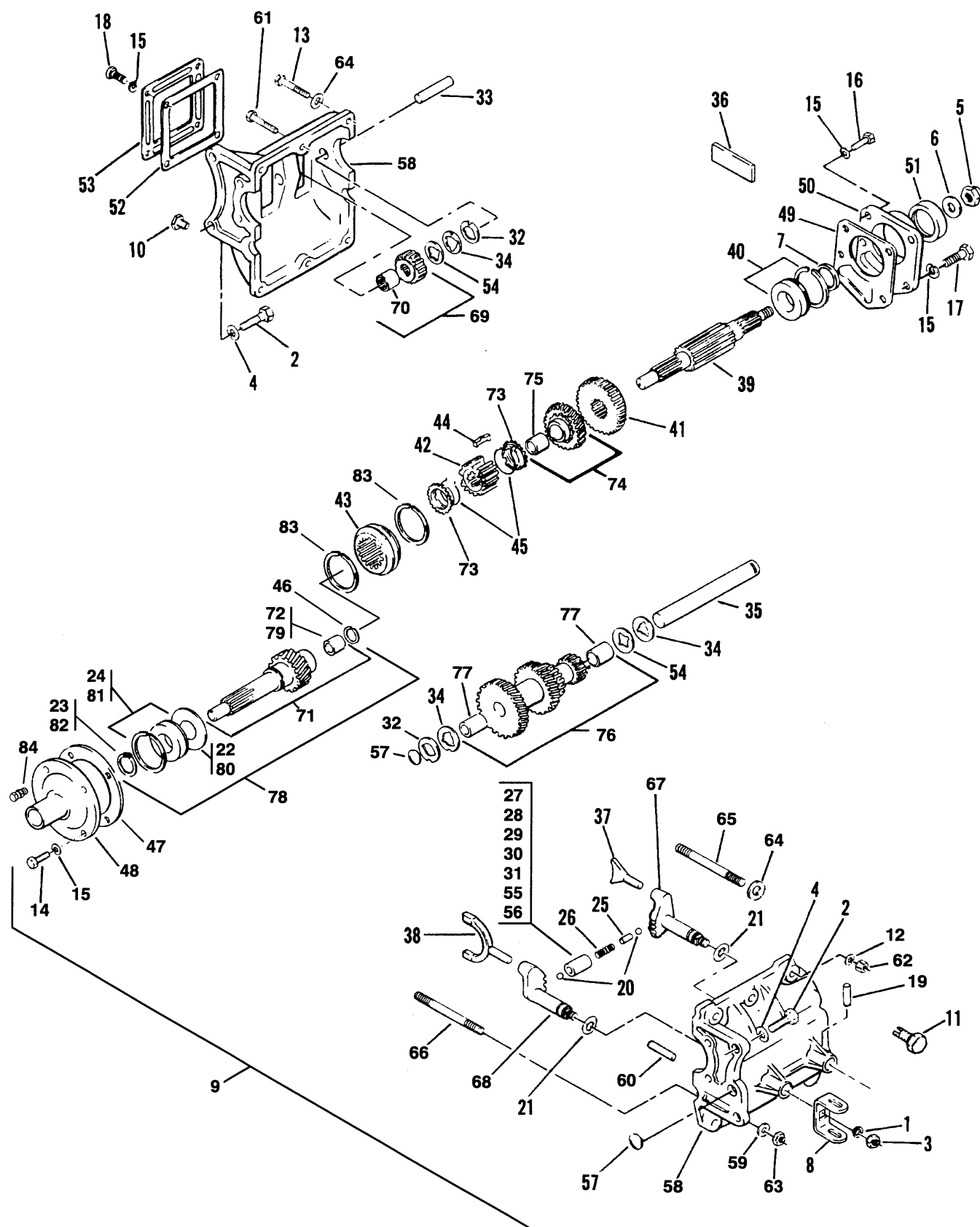


Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	103867	Washer, 5/16"	1	12	800227	•Plug, pipe, 1/8-27, NPT	1
2	120177	Lockwasher, 3/8"	2	13	810443	•Washer	1
3	130981	Nut, jam, 7/16-20	1	14	810444	•Washer	1
4	306328	Pin, cotter, 3/32" x 3/4"	1	15	811918	•Rod, push (1" bore)	1
5	306562	Nut, 3/8-16	2		823752	•Rod, push (3/4" bore)	1
6	306837	Screw, 3/8-16 x 3 1/4"	2	16	830817	•Fitting, brass, banjo	1
7	800227	Plug, pipe, 1/8-27, NPT	1	17	839140	•Bolt, master cylinder	1
8	809423	Plug	1	18	886444	•Kit, repair (1" bore)	1
9	812364	Rod, master cylinder brake 1" bore	1		886874	•Kit, repair (3/4" bore)	1
	829158	Rod, master cylinder brake 3/4" bore	1	19	811928	••Boot	1
10	823089	Spring, brake pedal return	1	20	886519	•Plug set, filler	1
11	886173	Cylinder, master (1" bore)	1	21	829155	••Label, warning	1
	886875	Cylinder, master (3/4" bore)	1	22	829558	••Gasket, filler plug	1

• INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN PRECEDING ASSEMBLY

P891524

DRIVE TRANSMISSION



893361

DRIVE TRANSMISSION

Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	120166	Lockwasher, 1/2	2	42	815165	•Hub, second & high, clutch	1
2	130538	Screw, 7/16-14 x 1 1/4	4	43	815166	•Sleeve, second & high, clutch	1
3	301988	Nut, 1/2-20	2	44	815167	•Plate, shifting	3
4	303269	Lockwasher, 7/16	4	45	815168	•Spring	2
5	800198	Nut, lock, 1/2-20	1	46	815169	•Ring, retaining	1
6	809180	Washer	1	47	815173	•Gasket, front bearing	1
7	815180	Spacer	1	48	815174	•Retainer, front bearing	1
8	833743	Link, shifter	2	49	815175	•Gasket, rear bearing	1
9	880572	Transmission, complete	1	50	815176	•Retainer, rear bearing	1
	894438	Transmission, complete (diesel)	1	51	815177	•Seal, oil	1
10	111071	•Plug, filler	1	52	815178	•Gasket, P.T.O.	1
11	111074	•Plug, magnetic drain	1	53	815179	•Plate, P.T.O.	1
12	120177	•Lockwasher, 3/8	7	54	816503	•Washer, thrust, .048"	
13	301431	•Screw, 3/8-16 x 2 1/2	1		(1.2mm)	As Req'd.	
14	306322	•Screw, 5/16-18 x 7/8	4	55	822238	•Sleeve, interlock, 1.263"	
15	306325	•Lockwasher, 5/16	9		(32.1mm)	1	
16	306416	•Screw, 5/16-18 x 1	1	56	822239	•Sleeve, interlock, 1.267"	
17	306435	•Screw, 5/16-18 x 1 1/4	3		(32.2mm)	1	
18	306450	•Screw, 5/16-18 x 3/4		57	823544	•Plug, expansion	2
19	603102	•Pin, spirol, 1/8 x 1 1/4	2	58	879798	•Case, transmission, complete	1
20	800131	•Ball, 5/16, steel	2	59	103867	••Washer, 5/16	1
21	807624	•'O' ring	2	60	305070	••Pin, taper	2
22	809211	•Slinger, oil	1	61	131794	••Screw, 3/8-16 x 2	6
23	809254	•Ring, retaining	1	62	306562	••Nut, 3/8-16	7
24	814627	•Bearing, ball w/retaining ring	1	63	306932	••Nut, 5/16-18	1
25	815137	•Pin	1	64	306981	••Washer, 3/8	7
26	815138	•Spring	1	65	815133	••Stud	1
27	815139	•Sleeve, interlock, 1.259"		66	815134	••Stud	1
	(32mm)	1		67	879799	•Lever, shift, low & reverse	1
28	815140	•Sleeve, interlock, 1.255"		68	879800	•Lever, shift, second & high	1
	(31.9mm)	1		69	879801	•Gear, reverse idle, complete	1
29	815141	•Sleeve, interlock, 1.251"		70	548080	••Bearing, needle	1
	(31.8mm)	1		71	879804	•Gear, main drive, complete	1
30	815142	•Sleeve, interlock, 1.247"		72	815171	••Bearing, needle	1
	(31.7mm)	1		73	888029	•Ring, synchronizer, blocking	2
31	815143	•Sleeve, interlock, 1.243"		74	889525	•Gear, second, complete	1
	(31.6mm)	1		75	832233	••Bearing, needle	1
32	815150	•Washer, thrust, .024" (.6mm)	2	76	889526	•Gear, cluster	1
33	815151	•Shaft, reverse idler	1	77	548080	••Bearing, needle	1
34	815154	•Washer, thrust, .036" (.91mm)	3	78	893775	•Gear, main drive (diesel)	1
35	836225	•Jackshaft	1	79	815171	••Bearing, needle (diesel)	1
36	815156	•Plate, locking	1	80	809211	••Slinger, oil (diesel)	1
37	815157	•Fork, low & reverse shifter	1	81	814627	••Bearing, ball	
38	815158	•Fork, second & high shifter	1		w/retaining ring (diesel)	1	
39	835910	•Shaft, main	1	82	809254	••Ring, retaining (diesel)	1
40	815160	•Bearing, ball	1	83	815164	•Ring	2
41	815161	•Gear, low & reverse	1	84	841285	Pivot, clutch release	1

• INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN THE PRECEDING ASSEMBLY.

898536, 898537, 898630A, 898632B, 898635A, 898636 and 898637

Exploded View

Assembly Diagram

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92

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**TWO-SPEED HYPOID DIFFERENTIAL, SPEEDOMETER GEARS,
BRAKE DRUM, BRAKE LINES and DUST SHIELDS W/SHOES
MODELS
898536, 898537, 898630A, 898632B, 898635A, 898636 and 898637**

Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	112050	Screw, 1/4-20 x 5/8, tapping	1	48	836427	•Collar, thrust	1
2	805860	Nut, wheel retaining	10	49	836429	•Collar, engaging	1
3	820008	Fitting, hydraulic brake tee	1	50	836431	•Cover, front	1
4	832584	Clamp	1	51	836439	•Tag, 11.16:1 ratio	1
5	832587	Hose, hydraulic brake, 18" (457 mm)	1	52	836440	•Pinion, 18 tooth	1
6	834161	Adapter, brake line	2	53	836441	•Gear, 49 tooth	1
7	836636	Drum, brake	2	54	836657	•Fork, shift	1
8	836959	Bracket, tee mounting	1	55	836658	•Shaft, shift	1
9	836960	Tube, brake, LEFT	1	56	836662	•Bushing, guide	1
10	836961	Tube, brake, RIGHT	1	57	836666	•Shaft, axle, LEFT, 22 31/32" (583 mm)	1
11	889905	Shield w/shoes, complete, RIGHT	1	58	836667	•Shaft, axle, RIGHT, 28 29/32" (739 mm)	1
12	889906	Shield w/shoes, complete, LEFT	1	59	836674	•Washer	2
13	891537	Differential, 11.16:1 Ratio	1	60	836693	•Bearing, ball	3
14	103867	•Washer, 5/16	22	61	836694	•Seal, 'O' ring	2
15	111074	•Plug	2	62	836695	•Bearing, tapered roller	2
16	304636	•Pin, cotter, 1/8 x 1 1/8	2	63	836700	•Gear, speedometer, driven	1
17	306322	•Screw, 5/16-18 x 7/8	28	64	836701	•Gear, speedometer, drive	1
18	306325	•Lockwasher, 5/16	8	65	836841	•Bracket	1
19	306405	•Washer, 3/8	10	66	836852	•Breather	1
20	306423	•Screw, 5/16-18 x 1 3/4	2	67	837020	•Baffle, vent	1
21	306435	•Screw, 5/16-18 x 1 1/4	1	68	837198	•Baffle, oil scoop	1
22	307776	•Screw, 3/8-16 x 2 3/4	3	69	838539	•Seal, oil	2
23	548201	•Screw, set, 5/16-18 x 5/16	1	70	887744	•Gear, cluster	1
24	548204	•Screw, set, 3/8-16 x 5/16	1	71	812004	••Bushing	2
25	548952	•Lockring	1	72	887745	•Gear, driven	1
26	800198	•Nut, 1/2-20, crownlock	2	73	812006	••Bushing	2
27	800718	•Nut, hex lock, 3/4-16, special	1	74	889065	•Retainer, complete w/seal	2
28	800737	•Ring, retaining	2	75	889781	•Hub	2
29	805322	•Shim, .030	2	76	806274	••Screw, wheel retaining	5
30	805837	•Locknut, special	10	77	889864	•Housing, axle, LEFT	1
31	805843	•Nut, 3/4-16, castle	2	78	889865	•Housing, axle, RIGHT	1
32	807366	•Button, shifter	1	79	889925	•Cover	1
33	808303	•Gasket	8	80	812004	••Bushing	1
34	809018	•Bushing, speedometer gear	1	81	891089	•Jackshaft	1
35	809180	•Washer, special	2	82	891829	•Housing, carrier w/gears	1
36	809254	•Ring, retaining	1	83	103867	••Washer, 5/16	14
37	809257	•Ring, retaining	1	84	111074	••Plug	1
38	811992	•Shim, cluster gear	3	85	111758	••Stud	10
39	811993	•Bearing, thrust	1	86	306322	••Screw, 5/16-18 x 7/8	14
40	812009	•Bearing, ball	1	87	517226	••Bushing	2
41	812335	•Seal, oil	1	88	836443	••Cover	1
42	815012	•Spring	1	89	548937	•Lockwasher	1
43	831099	•Seal	2	90	800695	•Ring, retaining	1
44	836420	•Spacer, pinion	1	91	517156	•Spacer	1
45	836421	•Shaft, input	1	92	810435	Clamp	1
46	836422	•Shaft, main	1				
47	836426	•Collar, axle bearing	2				

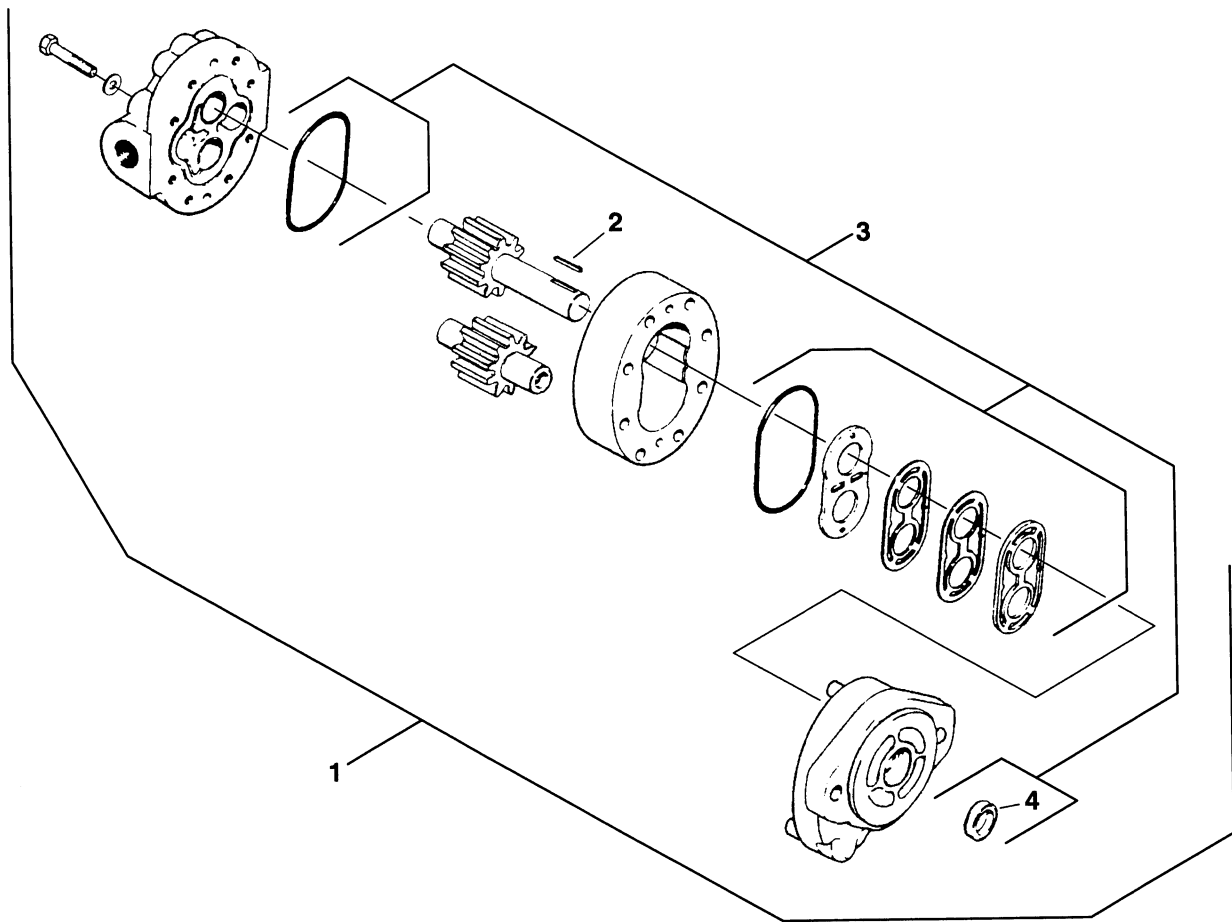
• INDENTED PARTS NAMES INDICATE THESE PARTS ARE INCLUDED IN THE PRECEDING ASSEMBLY

This exploded view diagram illustrates the assembly of a mechanical component, likely a pump or valve. The central part is a main housing (1) with a base (22). Key components include a gear (17) connected to a shaft (18) via a pin (5). A lever (16) is attached to the shaft. A spring (14) is connected to the lever and a pin (15). A pin (8) is used to secure the lever. A pin (9) is used to secure the housing. A pin (12) is used to secure the lever. A pin (13) is used to secure the housing. A pin (11) is used to secure the housing. A pin (10) is used to secure the housing. A pin (6) is used to secure the housing. A pin (7) is used to secure the housing. A pin (3) is used to secure the housing. A pin (4) is used to secure the housing. A pin (20) is used to secure the housing. A pin (23) is used to secure the housing. A pin (21) is used to secure the lever. A pin (2) is used to secure the base.

• INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN THE PRECEDING ASSEMBLY.

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HYDRAULIC PUMP



Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	888042	Pump, hydraulic	1	4	826615	••Seal	1
2	306560	•Key, woodruff #5	1	5	827395	*Fitting, 90°, pump to hose	1
3	887017	•Seal kit	1	6	832478	*Fitting, straight, pump to hose	1

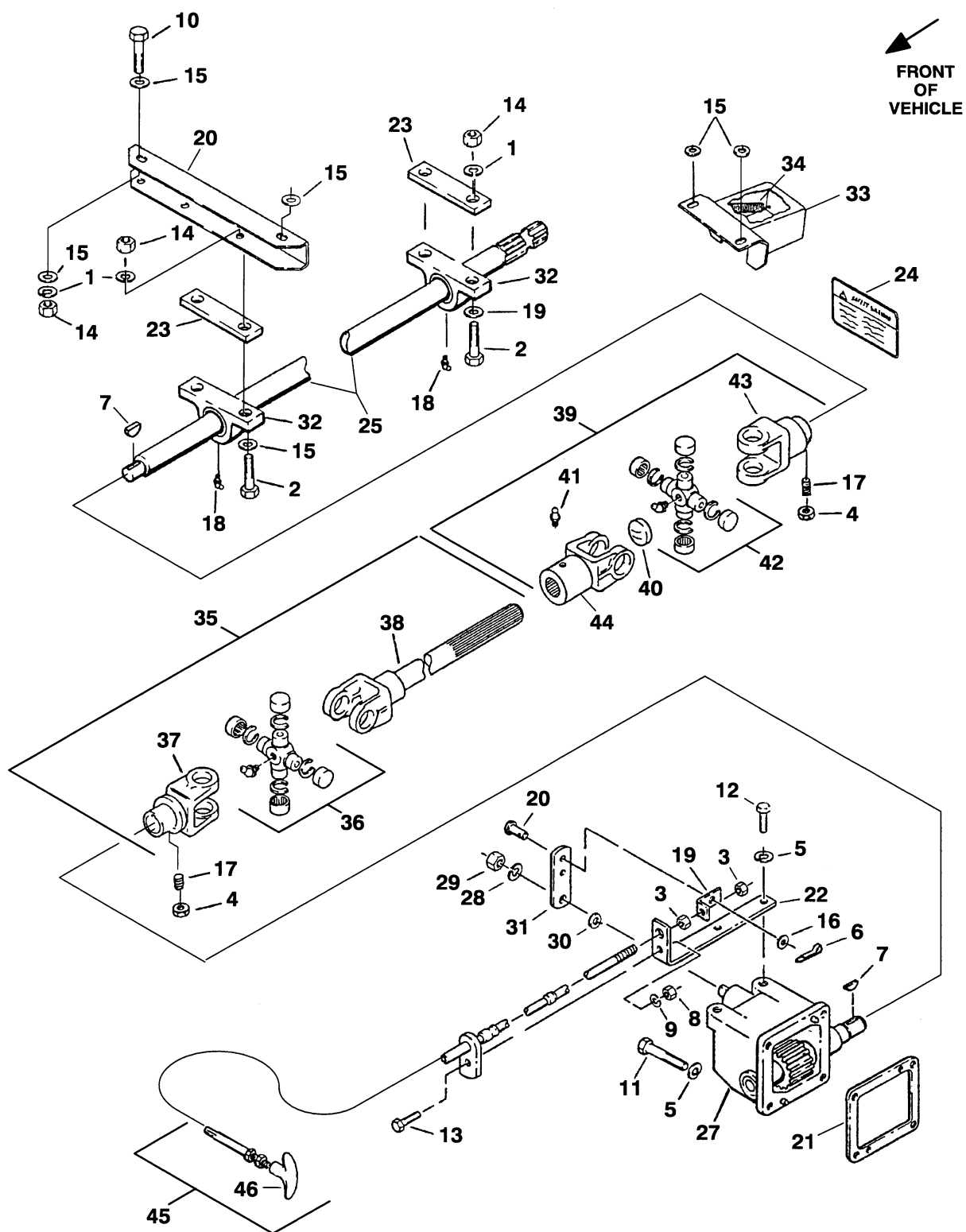
• INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN PRECEDING ASSEMBLY.

* Not Illustrated

893361, 893778

HEAVY DUTY POWER TAKE OFF WITH DRIVE SHAFT MODELS

898536, 898537, 898630A, 898632B, 898636 and 898637



P892987

HEAVY DUTY POWER TAKE OFF WITH DRIVE SHAFT MODELS

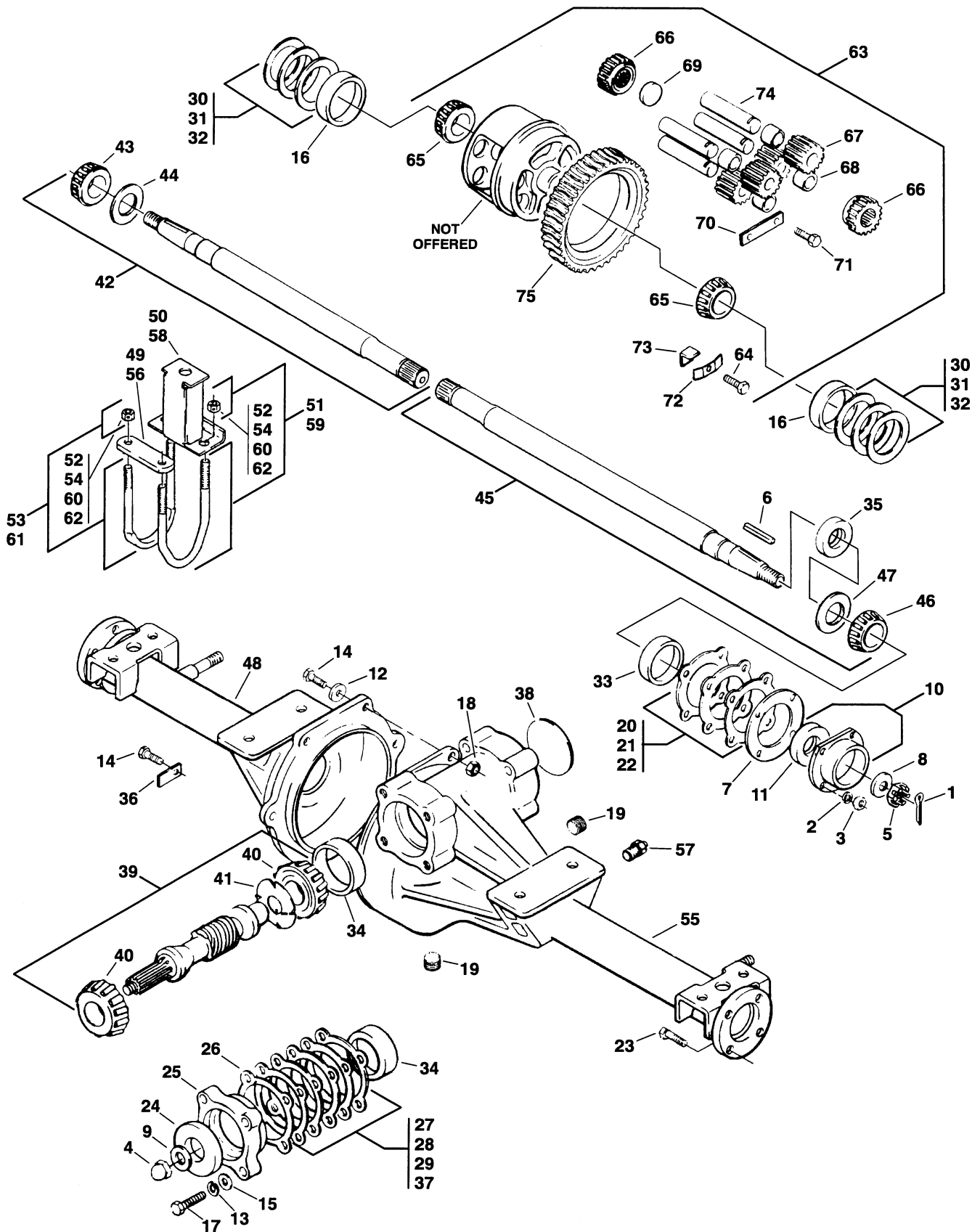
898536, 898537, 898630A, 898632B, 898636 and 898637

Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	120177	Lockwasher, 3/8	6	24	840848	Decal, Safety Warning	1
2	131794	Screw, 3/8-16 x 2	4	25	831300	Shaft, P.T.O.	1
3	132520	Nut, #10-32	2	26	831354	Channel	1
4	304632	Nut, 3/8-16	2	27◇	880808	PTO Gearbox	1
5	306325	Lockwasher, 5/16	2	28	120166	•Lockwasher, 1/2	1
6	306328	Pin, cotter, 3/32 x 3/4	1	29	301988	•Nut, 1/2-20	1
7	306367	Key, #9, woodruff	2	30	805307	•Shim	1
8	306375	Nut, 1/4-20	1	31	817397	•Arm, PTO shifter	1
9	306396	Lockwasher, 1/4	1	32	885866	Block pillow	2
10	306835	Screw, 3/8-16 x 1 1/4	2	33	887174	Bracket & cover	1
11	306435	Screw, 5/16-18 x 1 1/4	4	34	830839	•Spring, P.T.O. cover	1
12	306450	Screw, 5/16-18 x 3/4	2	35	888404	Yoke & shaft FRONT	1
13	300646	Screw, 1/4-20 x 3/4	1	36	826284	•Kit, drive shaft repair .. As Req'd.	
14	306562	Nut, 3/8-16	6	37	827033	•Yoke	1
15	306981	Washer, 3/8	10	38	888405	•Yoke & shaft, complete	1
16	308090	Washer, 1/4	1	39	888406	U-joint assembly, REAR	1
17	800289	Screw, 3/8-16 x 3/4, set	2	40	548482	•Plug, expansion	1
18	807442	Fitting, lubrication, 90°	1	41	807439	•Fitting, lubrication	1
19	808689	Bracket, cable	1	42	826284	•Kit, drive shaft repair .. As Req'd.	
20	813379	Pin, clevis	1	43	827033	•Yoke	1
21◇	815188	Gasket, PTO	1	44	840245	•Yoke	1
22	826702	Bracket, cable support	1	45	893067	Cable, shifter	1
23	828034	Spacer	2	46	834996	•Knob, cable	1

• INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN THE PRECEDING ASSEMBLY.

◇ Refer to Power Take Off.

DIFFERENTIALS 6.5:1 and 10.25:1 (327 ENGINE)
MODELS
898438, 898439, 898445, 898449, 898462C, 898465B and 898469B



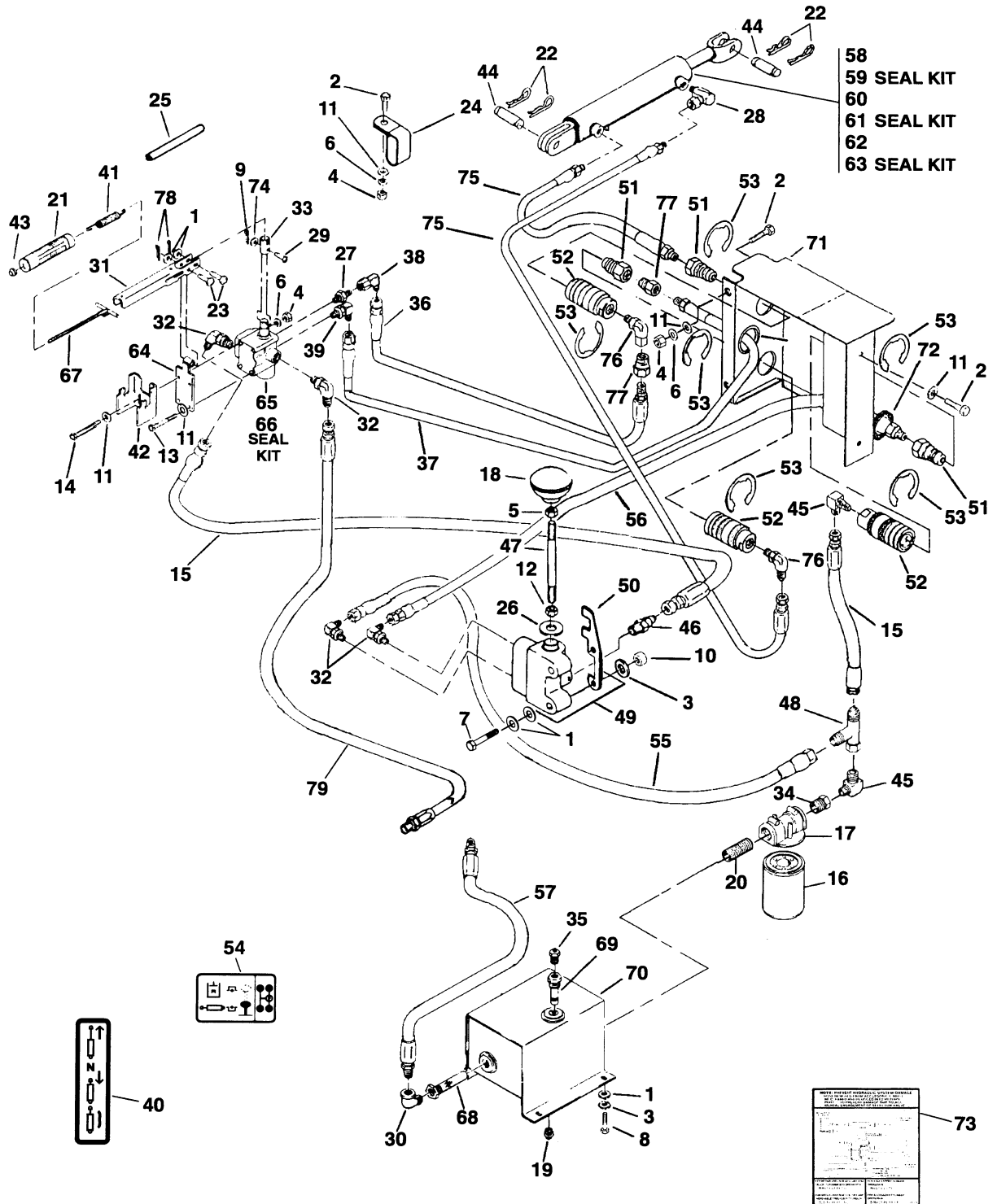
DIFFERENTIALS 6.5:1 and 10.25:1 (327 ENGINE)
MODELS
898438, 898439, 898445, 898449, 898462C, 898465B and 898469B

Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	304636	Pin, cotter, 1/8 x 1 1/8"	2	40	814475	••Bearing cone, roller	2
2	306325	Lockwasher, 5/16"	8	41	886706	••Slinger set, oil, complete	1
3	306932	Nut, 5/16-18	8	42	885033	•Axle, RIGHT	1
4	800198	Nut, 1/2-20, crownlock	1	43	815403	••Bearing cone, roller	1
5	805843	Nut, 5/8-18, castle	2	44	827018	••Ring, backing	1
6	805875	Key, hub	2	45	885034	•Axle, LEFT	1
7	808303	Gasket, bearing	2	46	815403	••Bearing cone, roller	1
8	809156	Washer, special	2	47	827018	••Ring, backing	1
9	809180	Washer, special	1	48	886204	•Housing, RIGHT	1
10	879476	Seal and retainer	2	49	812218	••Plate	1
11	814488	•Seal, bearing	1	50	834979	••Plate, upstop	1
f	885041	Differential, complete, (6.5: 1 ratio) Model 898465B	1	51	887187	••U-bolt, (2-inch) w/nuts	1
f	885042	Differential, complete, (10. 25: 1 ratio) Models 898438 898439, 898445, 898449, 898462C and 898469B	1	52	548061	•••Nut, 7/16-20 lock	2
12	103867	•Washer, 5/16"	5	53	887188	••U-bolt, (2 1/2-inch) w/nuts	1
13	120177	•Lockwasher, 3/8"	4	54	548061	•••Nut, 7/16-20 lock	2
14	304055	•Screw, 5/16-18 x 1 3/8"	6	55	886205	•Housing, LEFT	1
15	306405	•Washer, 3/8"	4	56	812218	••Plate	1
16	320122	•Cup, roller bearing	2	57	827486	••Valve, breather	1
17	551094	•Screw, 3/8-16 x 1 3/4"	4	58	834979	••Plate, upstop	1
18	800290	•Nut, 5/16-18, lock	6	59	887187	••U-bolt, (2-inch) w/nuts	1
19	800356	•Plug, filler drain	2	60	548061	•••Nut, 7/16-20 lock	2
20	805320	•Shim, .005	As Req'd	61	887188	••U-bolt (2 1/2-inch) w/nuts	1
21	805321	•Shim, .010	As Req'd	62	548061	•••Nut, 7/16-20	2
22	805322	•Shim, .030	As Req'd	63	886991	•Gear, carrier (6.5:1 ratio) Model 898465B	1
23	806251	•Screw, special	8		779962	•Gear, carrier (10.25:1 ratio) Models 898438, 898439, 898445, 898449, 898462C and 898469B	1
24	812335	•Seal	1	◇	••Housing, carrier	1	
25	814226	•Retainer, bearing	1	64	306555	••Screw, 5/16-18 x 3/4"	2
26	814465	•Gasket	2	65	386767	••Bearing cone, carrier	2
27	814466	•Shim, .005	As Req'd	66	814481	••Gear, axle shaft	2
28	814467	•Shim, .010	As Req'd	67	814482	••Gear, differential planet	4
29	814468	•Shim, .030	As Req'd	68	814483	••Spacer	4
30	814469	•Shim, .003	As Req'd	69	814484	••Spacer	1
31	814470	•Shim, .005	As Req'd	70	815794	••Plate, locking	3
32	814471	•Shim, .010	As Req'd	71	816812	••Screw, special	6
33	814474	•Cup, roller bearing	2	72	816823	••Plate, retainer	2
34	814476	•Cup, roller bearing	2	73	816824	••Plate, locking	2
35	814477	•Seal, rear axle	2	74	816825	••Shaft, differential gear	4
36	815323	•Tag, ratio (6.5:1)	1	75	830226	••Gear, worm (6.5:1 ratio) Model 898465B	1
	815490	•Tag, ratio (10.25:1)	1		814204	••Gear, worm (10.25:1 ratio) Models 898438, 898439, 898445, 898449, 898462C and 898469B	1
37	816515	•Shim, .003	As Req'd				
38	818226	•Plug	1				
39	879892	•Gear, worm, w/bearings & slinger (6.5:1 ratio) Model 898465B	1				
	879961	•Gear, worm, w/bearings & slinger (10.25:1 ratio) Models 898438 898439, 898445, 898449, 898462C and 898469B	1				

• INDENTED PARTS NAMES INDICATE THESE PARTS ARE INCLUDED IN THE PRECEDING ASSEMBLY
f Differential assembly **does not** include reference numbers 1 thru 11. These items are wheel bearing seal and retainer, wheel hub mounting hardware, and drive shaft retaining hardware.

◇ Not Offered.

HYDRAULIC LIFT SYSTEM



HYDRAULIC LIFT SYSTEM

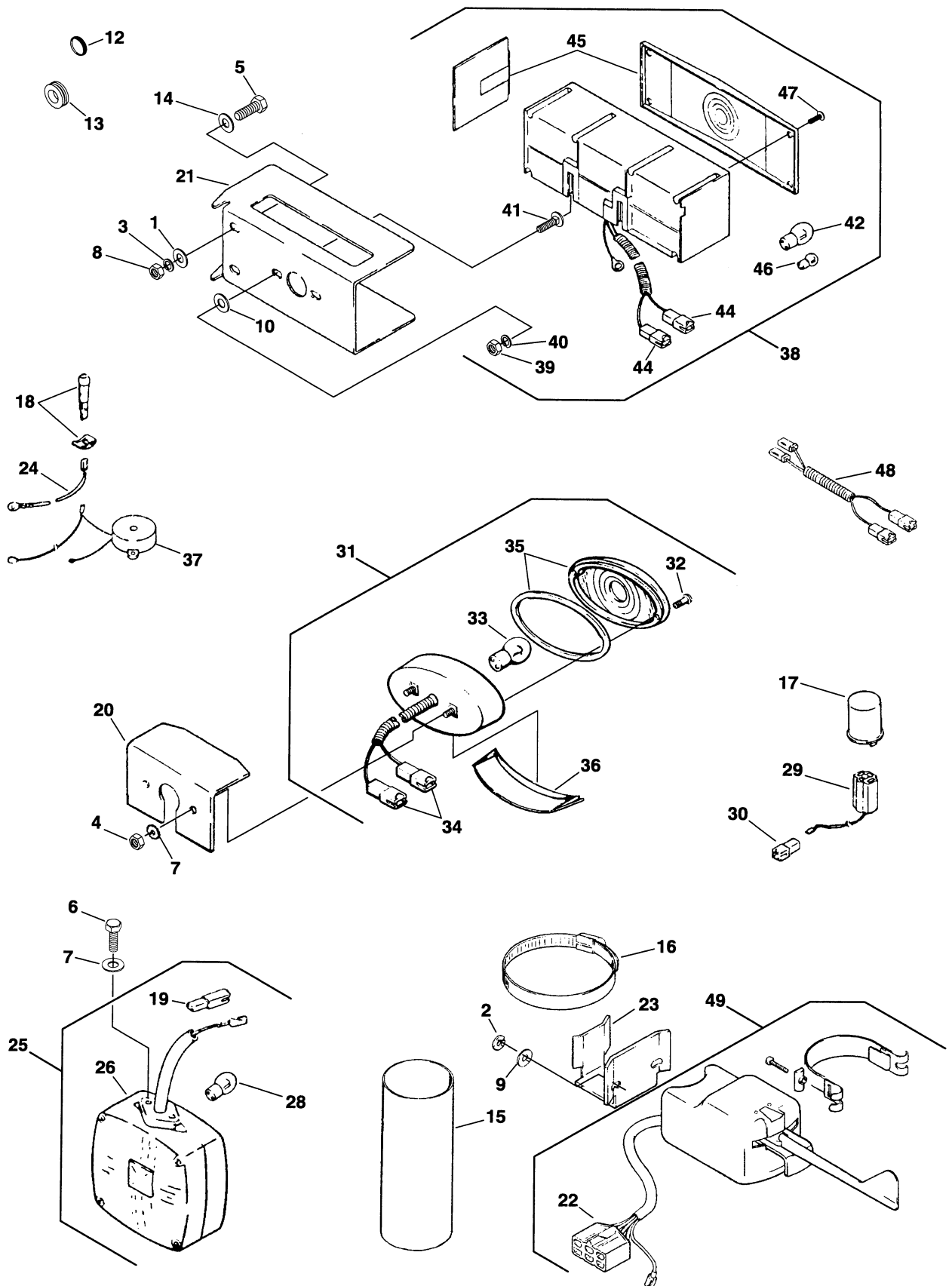
Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	103867	Washer, 5/16	9	46	832120	Fitting, selector valve	1
2	300646	Screw, 1/4-20 x 3/4	5	47	832285	Extension, handle	1
3	306325	Lockwasher, 5/16	5	48	832395	Fitting, tee	1
4	306375	Nut, 1/4-20	7	49	889155	Valve, hydraulic cylinder	1
5	306388	Nut, 3/8-24	1	50	832798	•Plate, stop	1
6	306396	Lockwasher, 1/4	9	51	832408	Coupler, male half	3
7	306464	Screw, 5/16-18 x 2 1/2	2	52	832409	Coupler, female half	3
8	306450	Screw, 5/16-18 x 3/4	3	53	832414	Ring, retaining	2
9	306463	Pin, cotter, 1/16 x 1/2	1	54	840852	Decal, hydraulic control	1
10	306932	Nut, 5/16-18	2	55	522110	Hose, selector control to "tee", 22" (559 mm)	1
11	308090	Washer, 1/4	8	56	833813	Hose, valve to coupler, 42" (1067 mm)	1
12	306562	Nut, 3/8-16	1	57	522107	Hose, pump to tank 19 1/2" (495 mm)	1
13	316907	Screw, 1/4-20 x 2 3/4	2	58	882993	◇Cylinder, hydraulic, with threaded ram shaft & clevis secured with set screw	1
14	329913	Screw, 1/4-20 x 3	2	59*	883236	•Repair kit, seal	1
15	522110	Hose, "tee" to coupler, 22" (559 mm)	2		OR		
16	522200	Filter	1	60	882993	◇Cylinder, hydraulic, with gland (end cap) held in place with retaining ring	1
17	545809	Oil filter base	1	61*	884574	•Repair kit, seal	1
18	548171	Knob, selector valve	1		OR		
19	800113	Plug, 1/2 NPT	1	62	882993	◇Cylinder, hydraulic, with barrel slotted & gland (end cap) held in place with lock wire	1
20	800317	Nipple	1	63*	886001	•Repair kit, seal	1
21	807472	Grip, handle	1	64	884675	Pivot, valve, handle	1
22	809265	Pin, hair	4	65	886270	Valve, control	1
23	814079	Pin, clevis	2	66*	884599	•Kit, seal, control valve	1
24	817320	Clamp	1	67	886346	"T" latch	1
25	821893	Trim, bulk, 12' (3.7 M) .. As Req'd.	1	68	887066	Strainer	1
26	822419	Washer, stop	1	69	887085	Dipstick assembly	1
27	823118	Fitting, O-ring, valve to cylinder	1	70	890108	Tank	1
28	823119	Fitting, 90°, hose to cylinder	1	71	888418	Bracket, cover panel	1
29	823225	Pin, connector	1	72	832856	•Bushing, flip lock	1
30	823701	Fitting, 90°	1	73	837270	•Decal, information	1
31	826490	Handle, control	1	74	308089	Washer, #10	1
32	826558	Fitting, 90°	4	75	832900	Hose, cylinder to coupler, female, also, cylinder to coupler male 38" (965 mm)	2
33	826640	Connector, handle to valve	1	76	835101	Fitting, 90°	2
34	827401	Bushing, filter base to elbow	1	77	829937	Fitting, reducer, hose to coupler	2
35	827486	Valve, breather	1	78	306328	Pin, cotter, 3/32 x 3/4	2
36	832124	Hose, valve to coupler, 14 1/4" (362 mm)	1	79	832511	Hose, valve to pump, 38 3/4" (985 mm)	1
37	828052	Hose, valve to cylinder, 30 1/4" (768 mm)	1				
38	828056	Fitting, 90°	1				
39	828057	Fitting, 90°, O-ring	1				
40	840847	Decal, hydraulics	1				
41	829515	Spring, "T" latch	1				
42	829516	Cam, float latch	1				
43	829521	Button, latch rod	1				
44	830810	Pin, clevis	2				
45	832113	Fitting, adapter, male 90°	2				

• INDENTED PARTS NAMES INDICATE THESE PARTS ARE INCLUDED IN THE PRECEDING ASSEMBLY

* Not Illustrated

◇ Make sure correct seal kit is obtained.

TURN SIGNAL SET PART NO. 897132

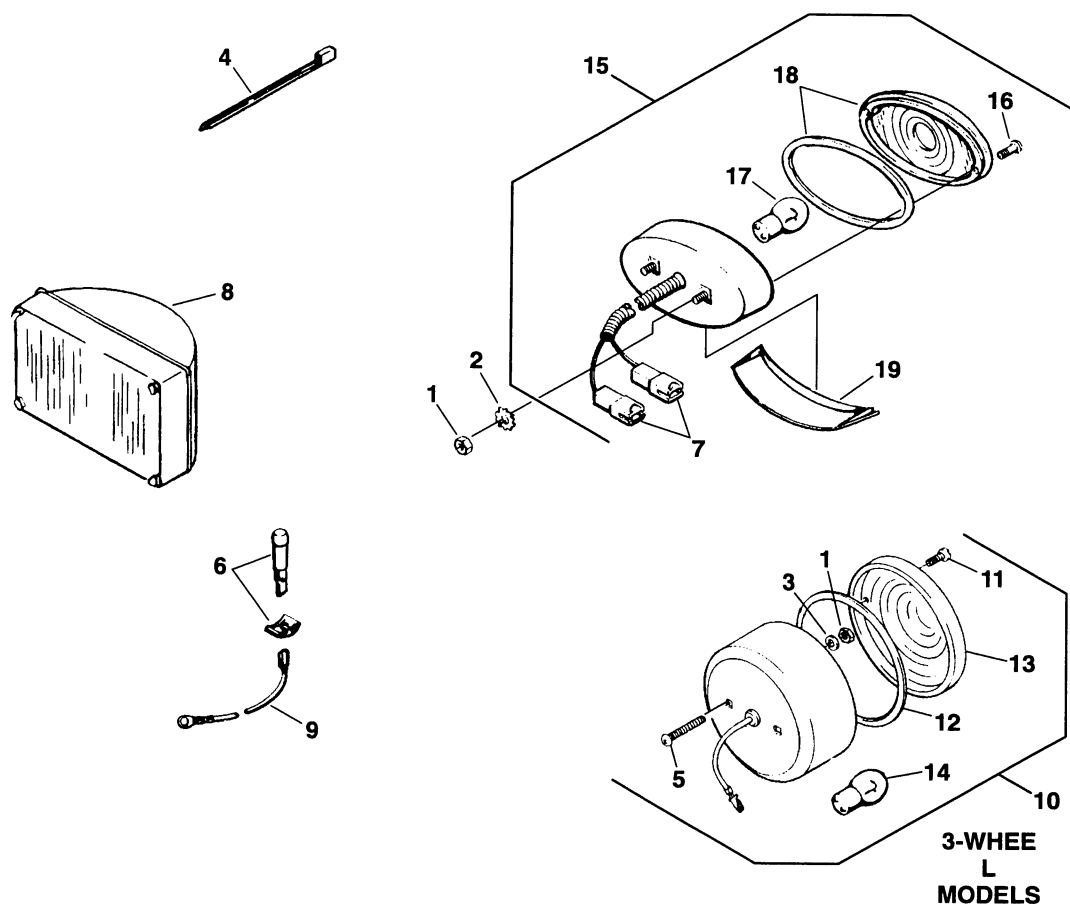


**TURN SIGNAL SET
PART NO. 897132**

Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
	897132	Turn signal set, complete	1	25	885964	•Lamp, front turn signal	1
1	103867	•Washer, 5/16"	2	26	825850	••Lens, black	1
2	306310	•Lockwasher, #8	2	27	825851	••Lens, amber	1
3	306325	•Lockwasher, 5/16"	2	28	837670	••Bulb, #1156	1
4	306375	•Nut, 1/4-20	2	29	885965	•Wire, flasher	1
5	306416	•Screw, 5/16-18 x 1"	2	30	826726	••Connector, single contact	1
6	306419	•Screw, 1/4-20 x 1/2	2	31	886148	•Light, stop and tail	1
7	306488	•Lockwasher, 1/4", external shakeproof	6	32	312288	••Screw, #6-32 x 5/8"	2
8	306932	•Nut, 5/16-18	2	33	822049	••Bulb, #1157	1
9	308089	•Washer, #10	2	34	826726	••Connector, single contact	1
10	308090	•Washer, 1/4"	4	35	829099	••Kit, lens and gasket	1
11	320107	•Tie, wire, 7" (178 mm)	2	36	829100	••Lens	1
12	830893	•Plug	2	37	887822	•Wire, buzzer	1
13	839168	•Grommet	2	38	888089	•Light, stop and tail, RIGHT	1
14	809152	•Washer, special	2	39	306375	••Nut, 1/4-20	2
15	824974	•Insulator	1	40	306396	••Lockwasher, 1/4"	2
16	825358	•Clamp, worm drive	1	41	800069	••Bolt, carriage, 1/4-20 x 1"	2
17	825501	•Flasher	1	42	822049	••Bulb, #1157	1
18	825939	•Light, indicator	1	43	826190	••Tubing, convoluted, .350 i.d. x 50' (15.2 M)	As Req'd
19	826726	•Connector, single contact	2	44	826726	••Connector, single contact	2
20	828945	•Cover, taillight	1	45	832633	••Lens, taillight	1
21	832649	•Guard, taillight	1	46	832634	••Lamp, #57	1
22	825877	•Connector, six contact	1	47	832664	••Screw, taillight lens	4
23	839197	•Bracket, turn signal	1	48	891884	•Harness, extension	1
24	884385	•Wire, hazard light ground	1	49	892107	•Switch, turn signal	1
*	884741	•Grapho 112x and bottle	1				

• INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN PRECEDING ASSEMBLY

HEADLIGHT, STOPLAMP, and TAILLIGHT

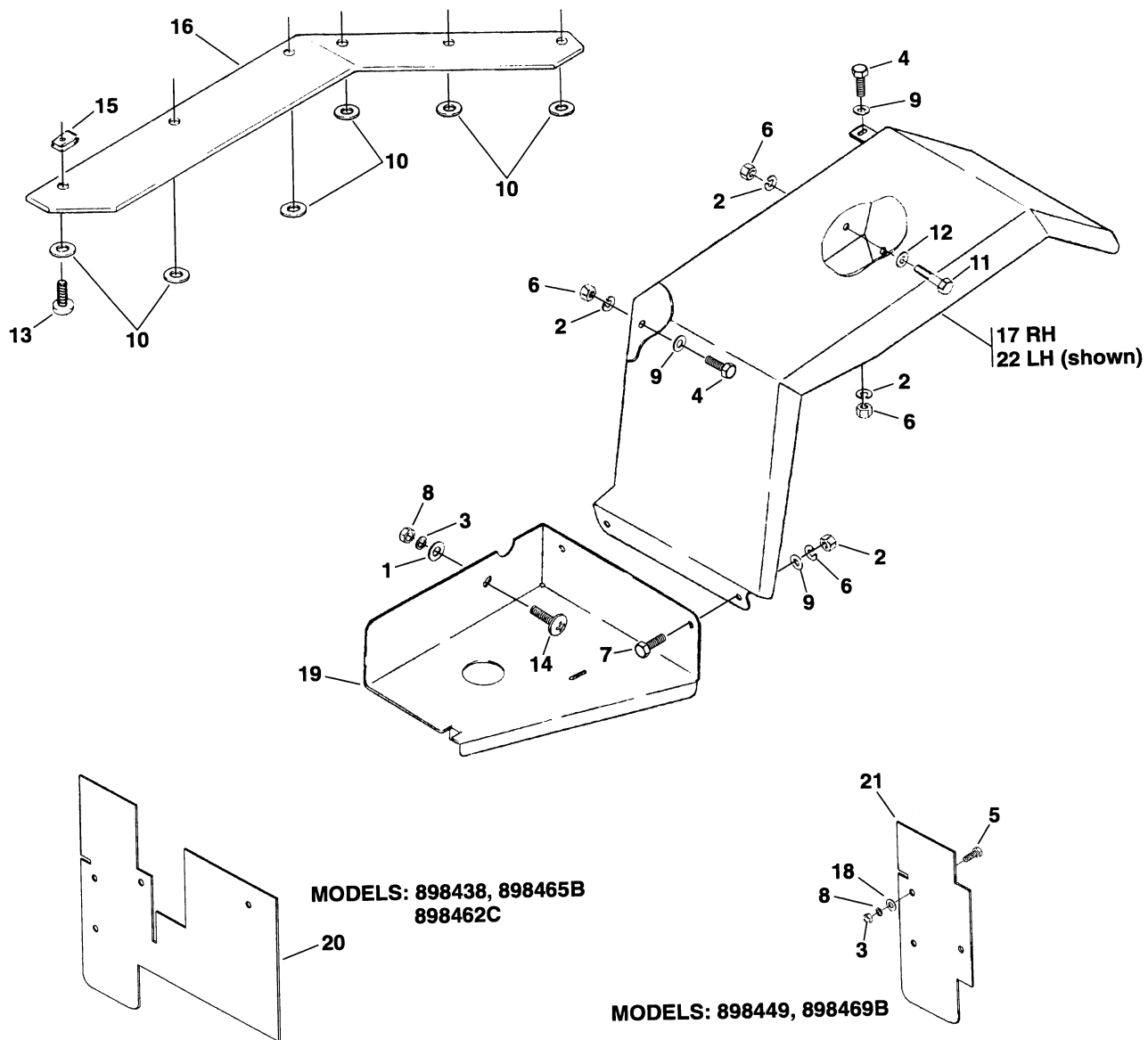


Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	306375	Nut, 1/4-20	4	9	884385	Wire, indicator light ground	1
2	306488	Lockwasher, 1/4", external shakeproof	2	10	886023	Lamp, stop	1
3	306992	Lockwasher, 1/4", internal shakeproof	2	11	312288	•Screw, #6-32 x 5/8"	2
4	320107	Tie, wire, 7" (178 mm)	2	12	829131	•Gasket	1
5	800024	Screw, 1/4-20 x 1 1/2", P.T.H.	2	13	829132	•Lens	1
6	825939	Light, hazard warning indicator	1	14	837670	•Bulb #1156	1
7	826726	Connector, single contact	1	15	886148	Light, rear	1
8	837303	Headlight, rectangular, Model WAGNER H6545	2	16	812288	•Screw, #6-32 x 5/8"	2
				17	822049	•Bulb, #1157	1
				18	829099	•Kit, lens and gasket	1
				19	829100	•Lens, license illuminator	1

• INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN PRECEDING ASSEMBLY

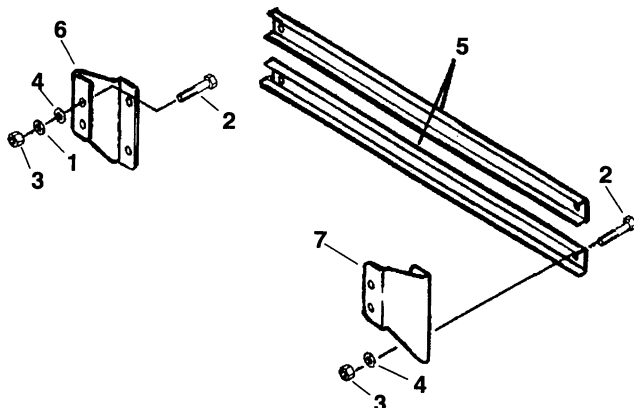
P897171, P892156

REAR FENDERS, MUD FLAPS AND SPLASH GUARDS



Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	103867	Washer, 5/16"	1	12	604174	Washer	6
2	120177	Lockwasher, 3/8"	12	13	800026	Screw, 1/4-20 x 3/4", P.T.H.	12
3	306325	Lockwasher, 5/16"	4	14	800177	Screw, 5/16-18 x 3/4", P.T.H.	1
4	306414	Screw, 3/8-16 x 1"	4	15	800279	Nut, speed, 1/4-20	12
5	306416	Screw, 5/16-18 x 1"	3	16	821002	Flap, front fender	2
6	306562	Nut, 3/8-16	12	17	889985	Fender, RIGHT (rear)	1
7	306834	Screw, 3/8-16 x 3/4"	2	18	825128	Washer	3
8	306932	Nut, 5/16-18	4	19	836711	Tray, fuel tank	1
9	306981	Washer, 3/8"	12	20	837690	Guard, splash	2
10	548175	Washer, 1/4"	6	21	839234	Guard, splash	1
11	551094	Screw, 3/8-16 x 1 3/4"	6	22	889984	Fender, LEFT (rear)	1

P893832

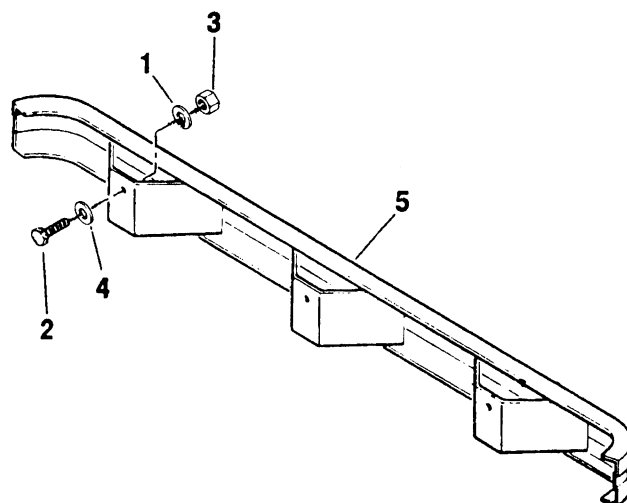


REAR BUMPER MODELS 898439, 898449 and 898469B

Ref No.	Part No.	Description	No. Req'd.
1	120177	Lockwasher, 3/8	4
2	306414	Screw, 3/8-16 x 1	8
3	306562	Nut, 3/8-16	8
4	306981	Washer, 3/8	8
5	838612	Bumper	2
6	838613	Bracket, bumper (right)	1
7	898614	Bracket, bumper (left)	1

REAR BUMPER MODELS 898438, 898465B, and 898445

Ref No.	Part No.	Description	No. Req'd.
1	120177	Lockwasher, 3/8	3
2	306414	Screw, 3/8-16 x 1	3
3	306562	Nut, 3/8-16	3
4	306981	Washer, 3/8	3
5	883883	Bumper	1

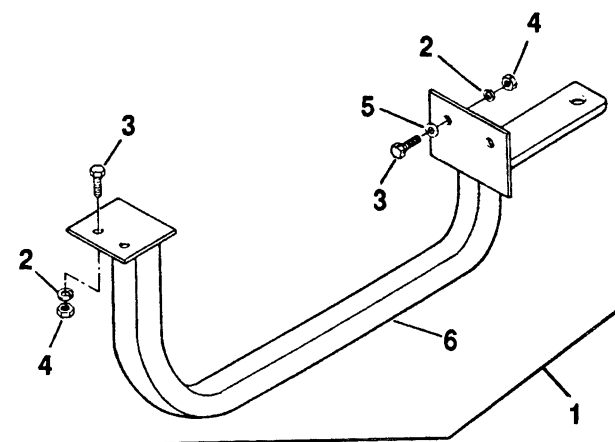


TOW HITCH MODEL 898438

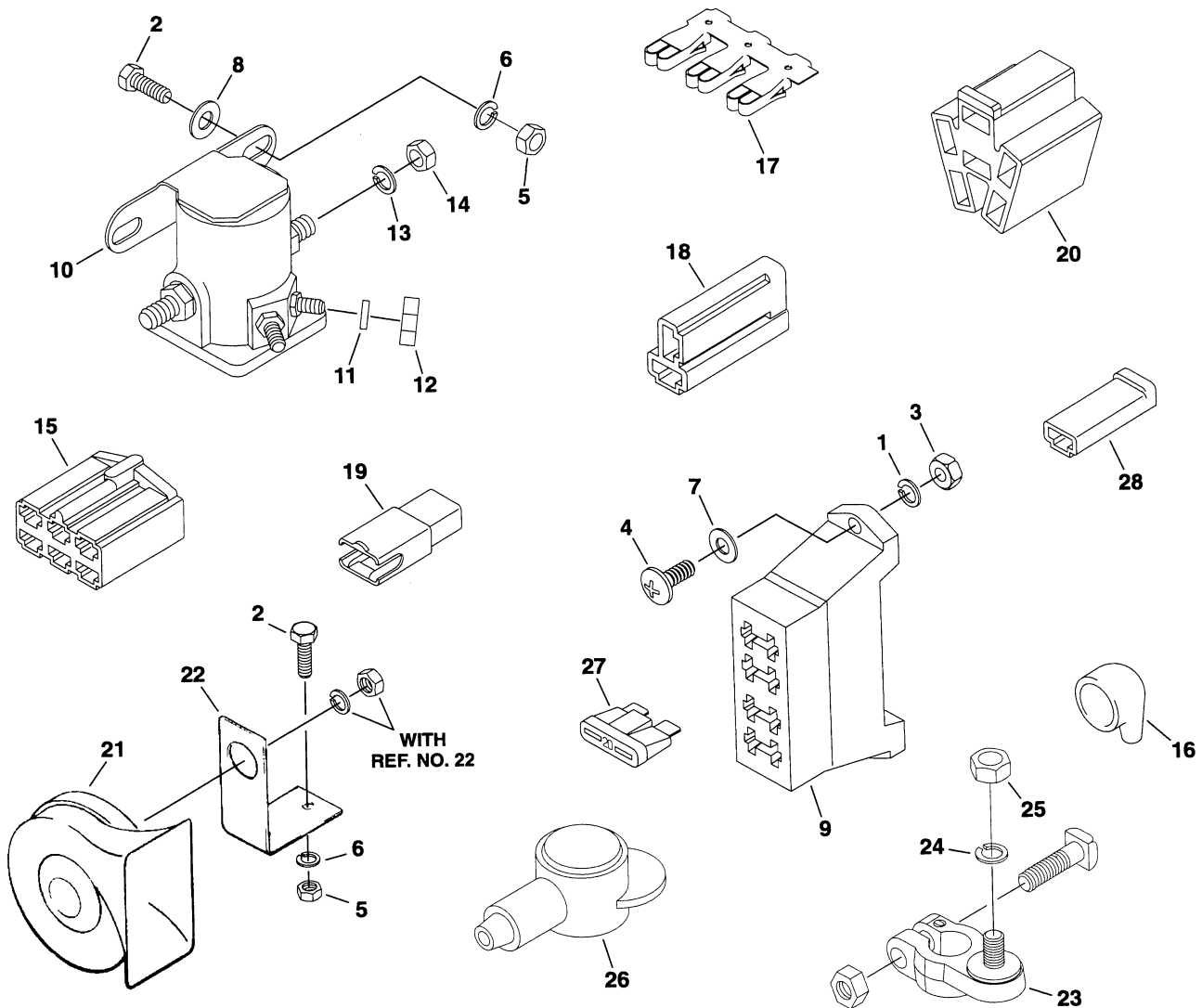
Ref No.	Part No.	Description	No. Req'd.
1	891785	Tow Hitch Set	1
2	120177	•Lockwasher, 3/8"	4
3	306414	•Screw, 3/8-16 x 1"	4
4	306562	•Nut, 3/8-16	3
5	306981	•Washer, 3/8"	2
6	◇	•Hitch, tow	1

• INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN THE PRECEDING ASSEMBLY.

◇ Not offered separately



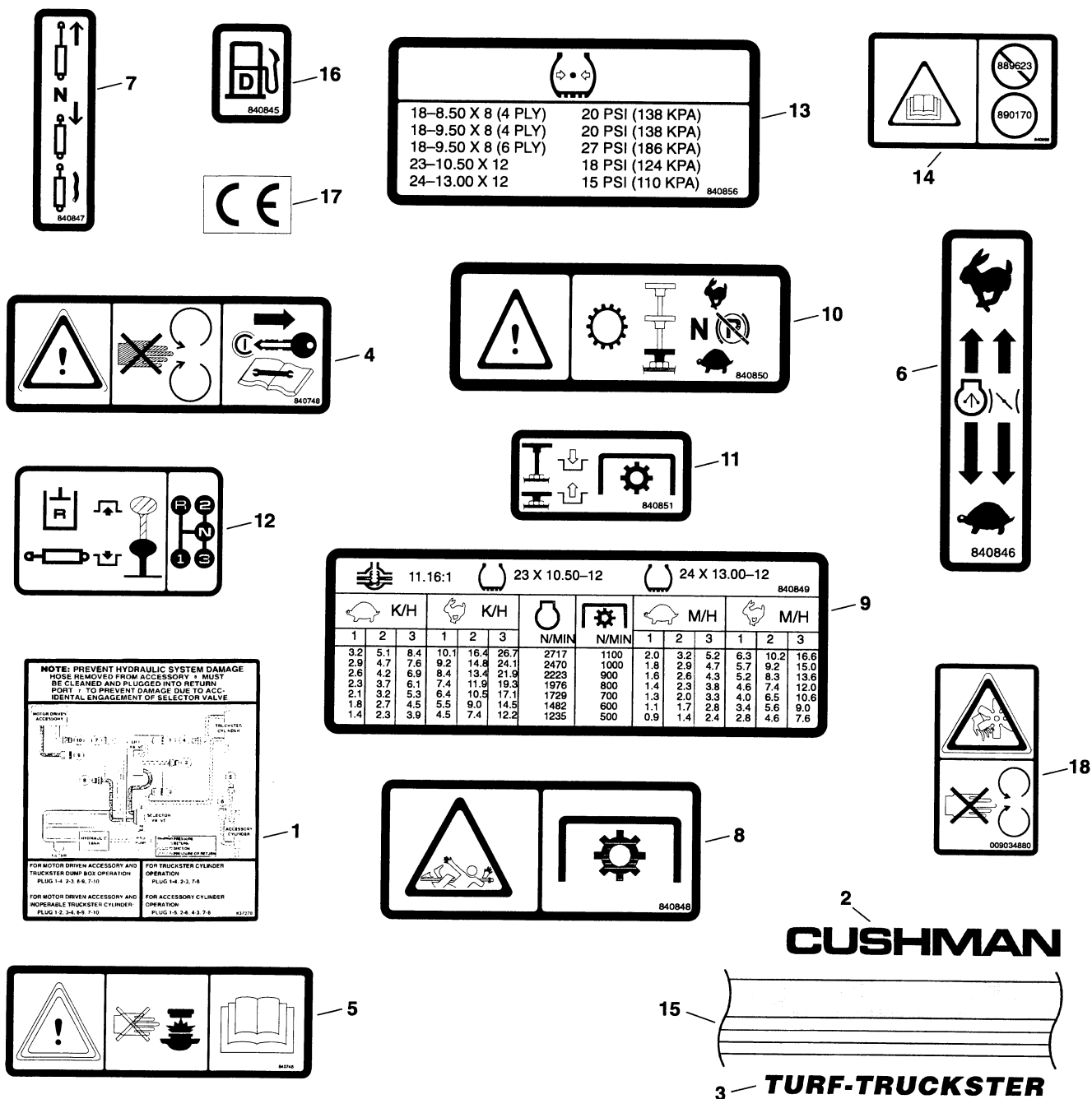
CONNECTORS AND ELECTRICAL COMPONENTS



Ref. No.	Part No.	Description	No. Req'd.	Ref. No.	Part No.	Description	No. Req'd.
1	120052	Lockwasher, #10	2	15	825877	Connector, female, 6-contact	1
2	300646	Screw, 1/4-20 x 3/4	4	16	825970	Boot, terminal	1
3	306531	Nut, #10-24	2	17	825999	Terminal, fuse clip, 3-way	2
4	800296	Screw, #10-24 x 3/4", P.T.H.	2	18	826005	Connector, male, 2-contact	1
5	306375	Nut, 1/4-20	4	19	826726	Connector, male, 1-contact	1
6	306396	Lockwasher, 1/4	4	20	837296	Connector	1
7	308089	Washer, #10	2	21	886090	Horn w/hardware	1
8	308090	Washer, 1/4	2	22	828613	•Bracket, horn mounting	1
9	825996	Fuseholder	1	23	893395	Terminal, battery	1
10	889673	Solenoid	1	24	306325	•Lockwasher, 5/16-18	1
11	120052	•Lockwasher, #10	2	25	306932	•Nut, 5/16-18	1
12	132520	•Nut, #10-32	2	26	841895	Cover, battery terminal	1
13	306325	•Lockwasher, 5/16	2	27	826000	Fuse, 20 amp	As Req'd.
14	306932	•Nut, 5/16-18	2	28	833038	Fuse, 30 amp	As Req'd.
					825880	Connector	As Req'd.

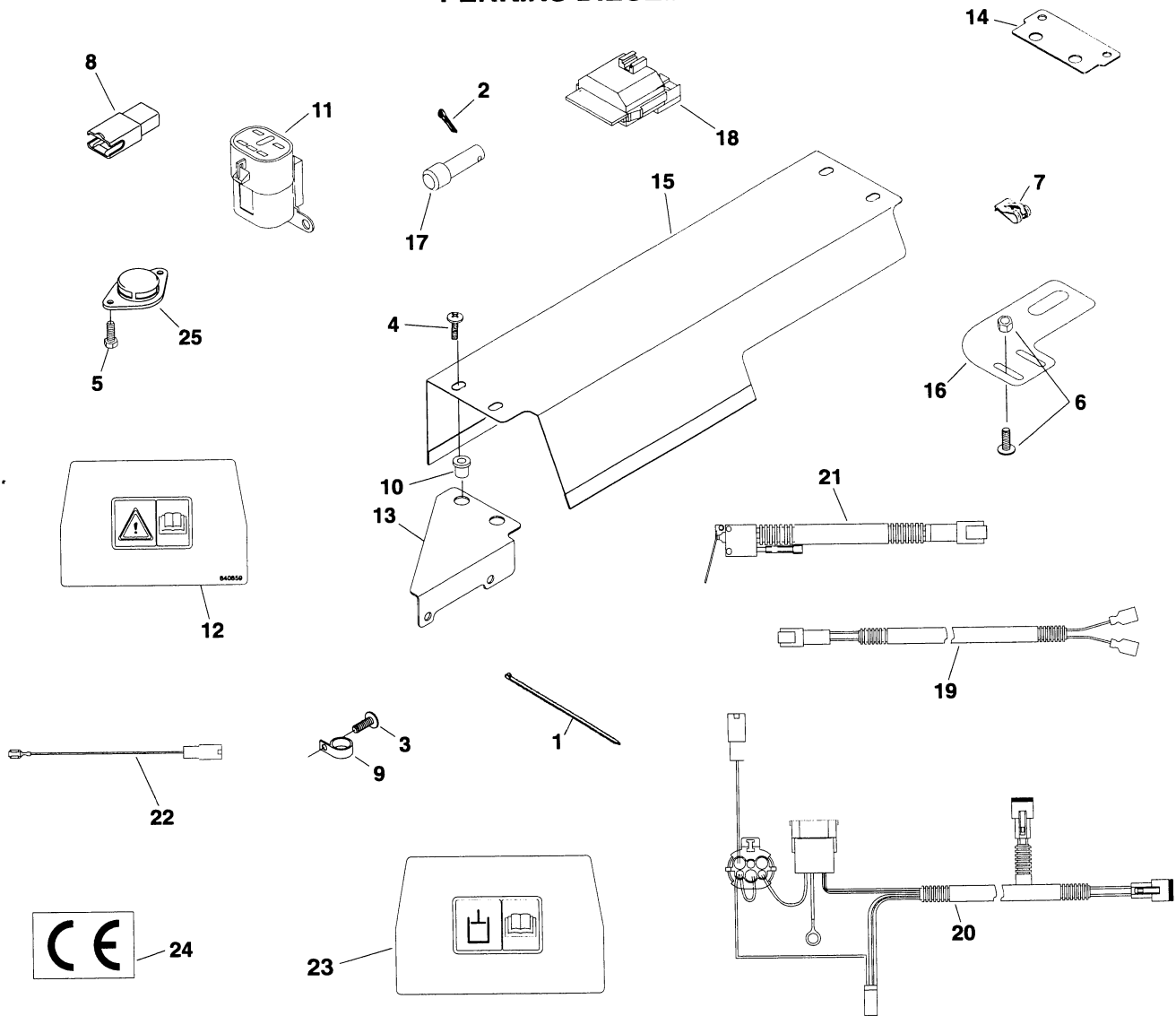
• INDENTED PARTS NAMES INDICATE THESE PARTS ARE INCLUDED IN THE PRECEDING ASSEMBLY.

DECALS



Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	837270	Decal, hydraulic remote	1	11	840851	Decal, power take-off	1
2	838427	Decal, Cushman (white)	1	12	840852	Decal, hydraulic control and shift pattern	1
3	838586	Decal, Turf-Truckster	2	13	840856	Decal, tire inflation	1
4	840748	Decal, guard warning	1	14	840858	Decal, hitch exclusion warning . . .	1
5	840754	Decal, Warning, pressure	1	15	838495	Stripping, red and white 3. 80" x 20' roll (96 mm x 6.1 M) As Req'd.	
6	840846	Decal, throttle & governor	1	16	840845	Decal, diesel fuel	1
7	840847	Decal, hydruic connection with float	1	17	009039290	Decal, CE	1
8	840848	Decal, Warning, PTO cover	1	18	009034880	Decal, fan warning	1
9	840849	Decal, ground speed vs. PTO . . .	1				
10	840850	Decal, auxiliary transmission	1				

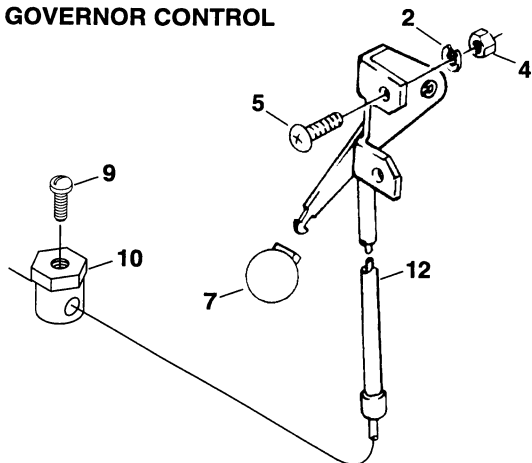
EC COMPLIANT PARTS PERKINS DIESEL



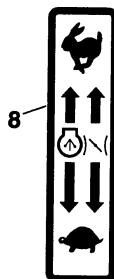
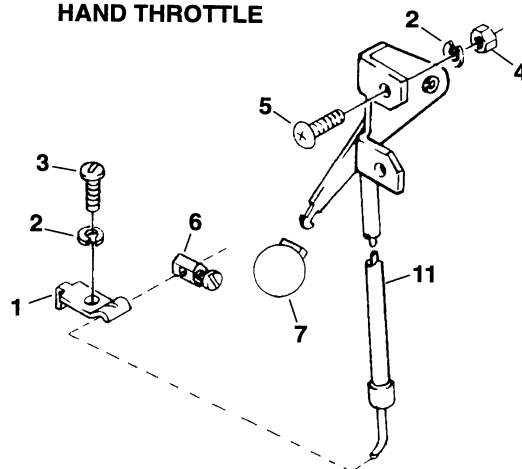
Ref. No.	Part No.	Description	No. Req'd.	Ref. No.	Part No.	Description	No. Req'd.
1	555568	Tie, wire	12	13	840872	Bracket, PTO guard, front	1
2	306328	Pin, cotter, .09 x 3/4"	1	14	840873	Bracket, PTO guard, rear	1
3	800149	Screw, #10 x 3/8, tapping, PTH	1	15	840874	Bracket, PTO shaft	1
4	800177	Screw, 5/16-18 x 3/4, PTH	4	16	840962	Bracket, switch	1
5	800296	Screw, #10-24 X 3.4	2	17	840964	Pin, clevis, special	1
6	888503	Service kit	1	18	841528	Timer, delay	1
7	813840	Clip	4	19	892975	Harness, seat, short	1
8	826726	Connector, male	1	20	893384	Harness, seat, long	1
9	814924	Clamp	1	21	893051	Switch	1
10	831846	Nut, isolation	4	22	893536	Harness, jumper, orange	1
11	835480	Relay, 30 amp	1	23	840857	Decal, remote hydraulics	1
12	840859	Decal, warning-operating	1	24	009039290	Decal, CE	1
				25	158135-01	Switch, seat	1

HAND THROTTLE, GOVERNOR CONTROL, and SHIFTER CABLE

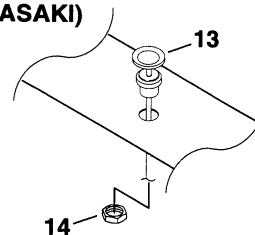
GOVERNOR CONTROL



HAND THROTTLE

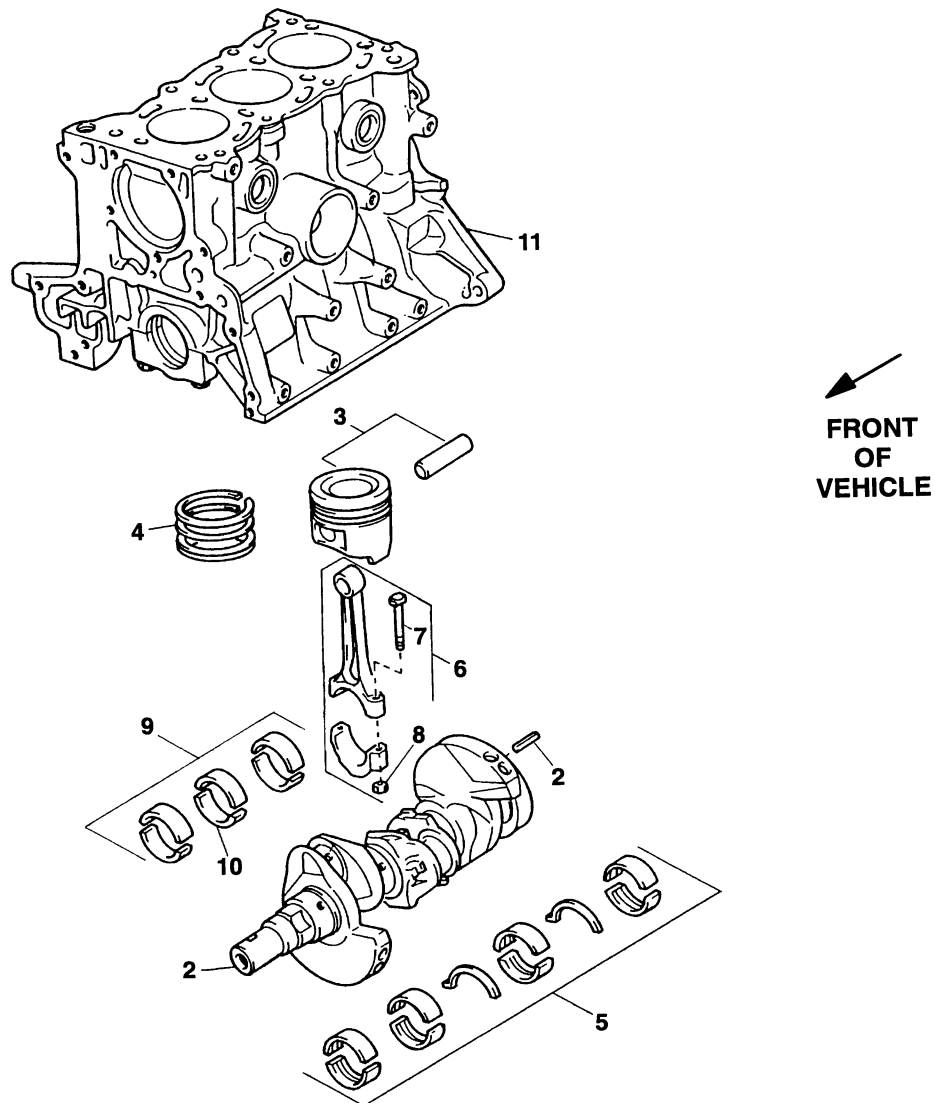


**CHOKE
CABLE
(KAWASAKI)**



Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	111898	Clamp, cable	2	8	840846	Decal, goernor and throttle	1
2	120052	Lockwasher, #10	6	9	831890	Screw, #8-32 x 3/8	1
3	306514	Screw, #10-24 x 1/2"	2	10	842378	Swivel, control cable	1
4	306531	Nut, #10-24	4	11	842476	Cable, throttle control	1
5	800271	Screw, #10-24 x 1/2", P.T.H.	2	12	869149	Cable, governor control	1
6	817104	Stop, wire	1	13	842267	Cable, choke (Kawasaki only) ...	1
7	827821	Knob	2	14	302944	Nut, 9/16-18, jam	1

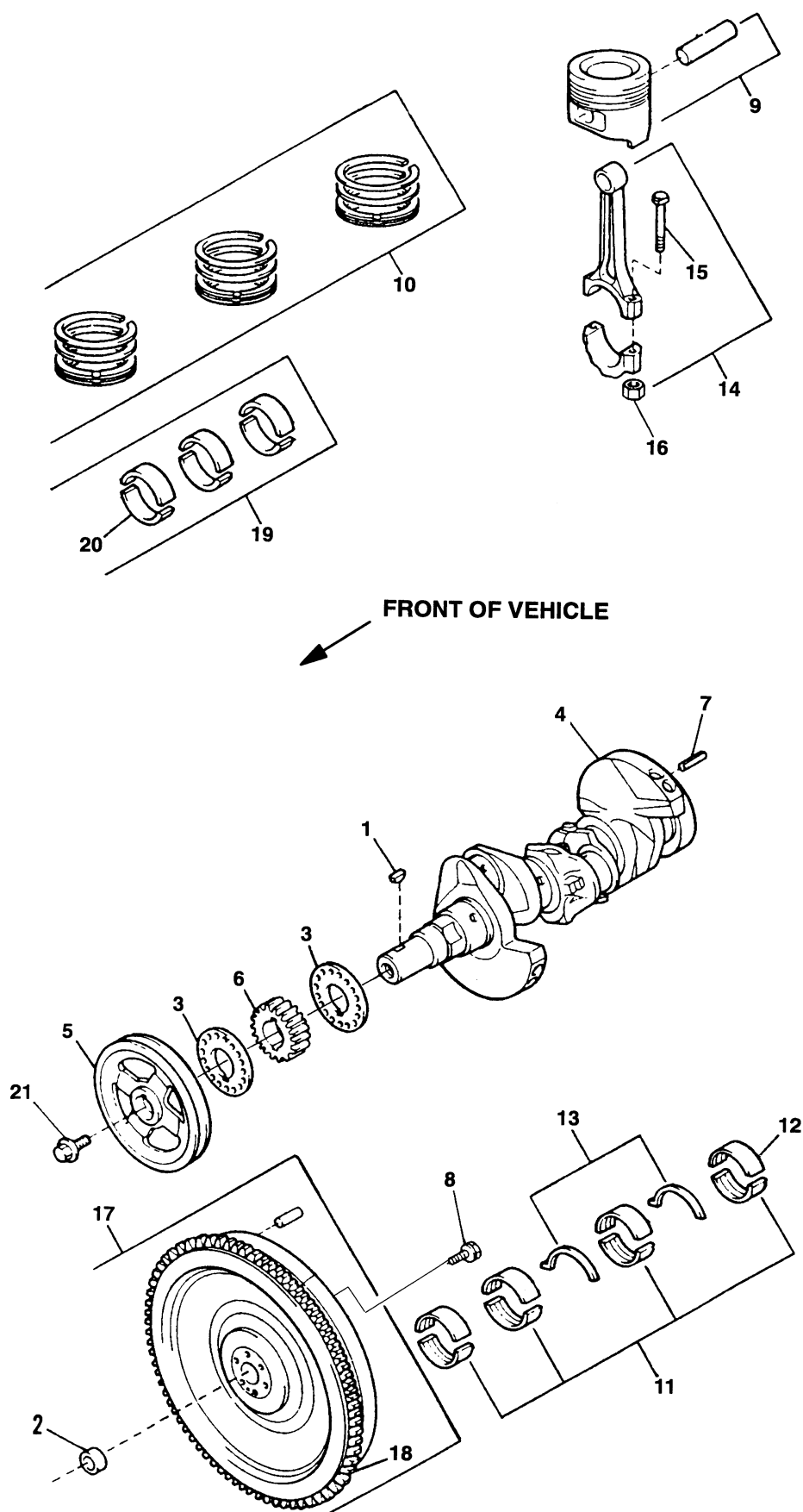
SHORT BLOCK (327 ENGINE)



Ref. No.	Part No.	Description	No. Req'd.	Ref. No.	Part No.	Description	No. Req'd.
1	889973	Short block, complete	1	6	889031	•Rod, connecting	3
2	836235	•Crankshaft	1	7	834785	••Bolt, connecting rod	2
3	837069	•Key, crankshaft	1	8	837095	••Nut, connecting rod	2
4	888571	•Piston, w/pin, std.	3	9	889040	•Bearing set, connecting rod, std.	1
5	888574	•Ring set, piston, std.	1	10	833458	••Bearing, connecting, rod std.	3
	888577	•Bearing set, crankshaft, std.	1	11	889974	•Block, cylinder	1

• INDENTED PARTS INDICATE THESE PARTS ARE INCLUDED IN PRECEDING ASSEMBLY

CRANKSHAFT AND PISTON (327 ENGINE)

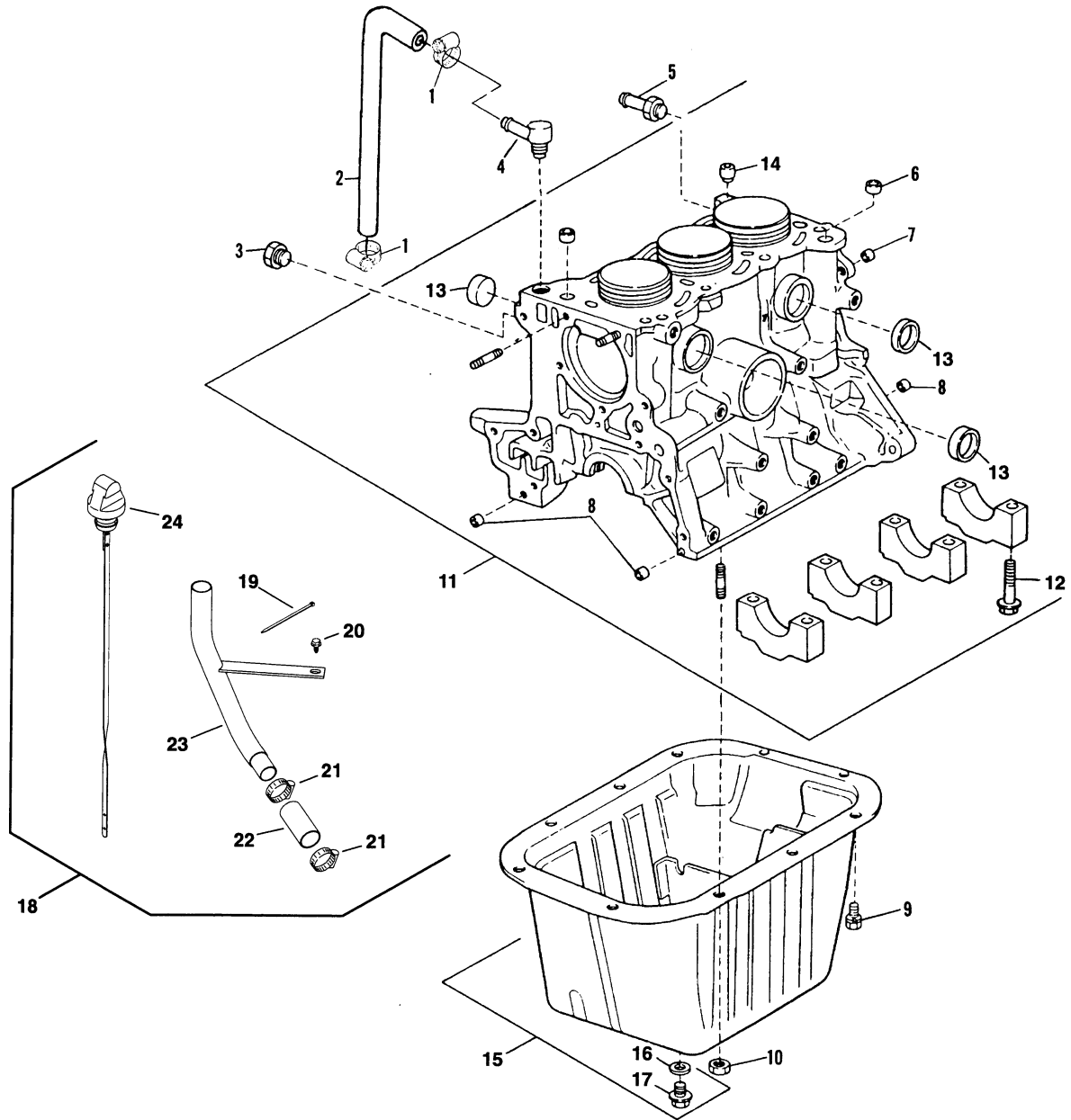


CRANKSHAFT AND PISTON (327 ENGINE)

Ref. No.	Part No.	Description	No. Req'd.	Ref. No.	Part No.	Description	No. Req'd.
1	800626	Key, hi-pro woodruff	1		889037	Ring set, piston, o/s 1.00	1
2	833277	Bearing, sleeve	1	11	888577	Bearing set, crankshaft, std.	1
3	834789	Flange, crankshaft timing belt pulley	1		888578	Bearing set, crankshaft u/s 0.25 .	1
4	836235	Crankshaft	1	12	833460	•Bearing, crankshaft, std.	4
5	836970	Pulley, crankshaft	1	13	888579	Washer set, thrust, std.	1
6	836971	Pulley, crankshaft timing belt	1		888580	Washer, set, thrust, o/s 0.125	1
7	837069	Key, crankshaft	1		888581	Washer, set, thrust, o/s 0.25	1
8	837089	Screw, M10 x 1.25 x 18 mm	6	14	889031	Rod, connecting	3
9	888571	Piston, w/pin, std.	3	15	834785	•Bolt, connecting rod	2
	888572	Piston, w/pin, o/s 0.25	3	16	837095	•Nut, connecting rod	2
	888573	Piston, w/pin, o/s 0.50	3	17	889032	Flywheel	1
	889038	Piston, w/pin, o/s 0.75	3	18	837060	•Gear, flywheel ring	1
	889039	Piston, w/pin, o/s 1.00	3	19	889040	Bearing set, connecting rod, std. .	1
10	888574	Ring set, piston, std.	1		889041	Bearing set, connecting rod, u/s 0.25	1
	888575	Ring set, piston, o/s 0.25	1				
	888576	Ring set, piston, o/s 0.50	1	20	833458	•Bearing, connecting rod, std. ...	3
	889036	Ring set, piston, o/s 0.75	1	21	838922	Screw, M12 x 1.25 x 25 mm	1

•INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN PRECEDING ASSEMBLY.

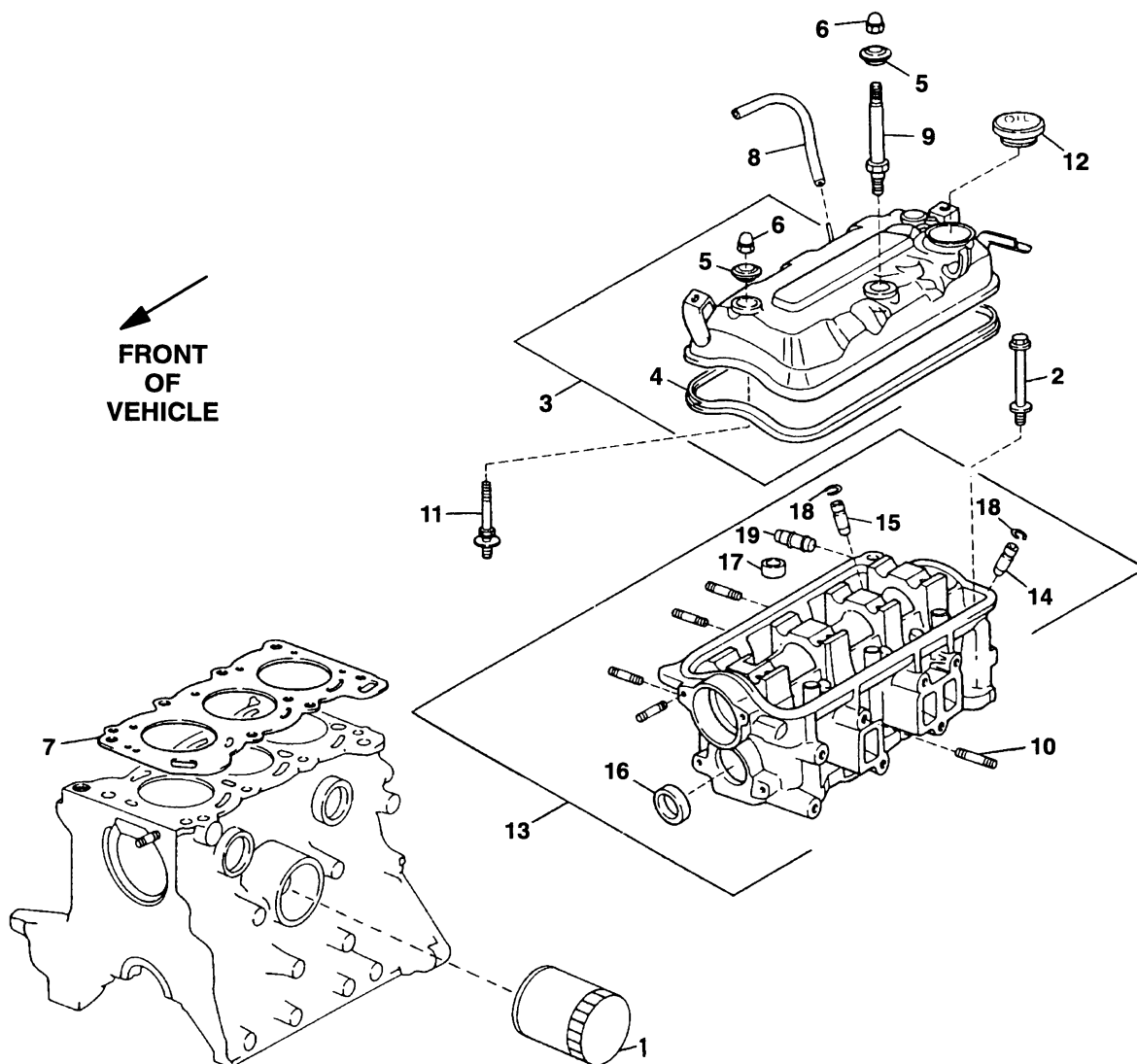
CYLINDER BLOCK AND OIL PAN (327 ENGINE)



Ref. No.	Part No.	Description	No. Req'd.	Ref. No.	Part No.	Description	No. Req'd.
1	825624	Clamp, hose	As Req'd.	13	834767	•Plug, tight, No. 1	4
2	833678	Hose, crankcase vent	1	14	834769	•Orifice, cylinder block oil	1
3	834768	Plug, taper screw	1	15	889975	Pan, oil	1
4	834770	Elbow	1	16	833465	•Gasket, oil pan drain plug	1
5	834771	Union	1	17	833466	•Plug, drain	1
6	837066	Pin, ring top	2	18	892819	Dipstick tube set	1
7	837067	Pin, straight rear upper	2	19	320107	•Tie, wire, 7" (178 mm)	1
8	837068	Bushing	3	20	548022	•Screw, tapping, 5/16-18 x 3/4	1
9	837080	Screw, M6x1.0x12mm	15	21	820889	•Clamp, hose	2
10	837093	Nut, M6 x 1.0	2	22	840452	•Hose, dipstick	1
11	889974	Block, cylinder	1	23	892494	•Tube, oil fill	1
12	834766	•Bolt, main cap	8	24	892761	•Dipstick, oil	1

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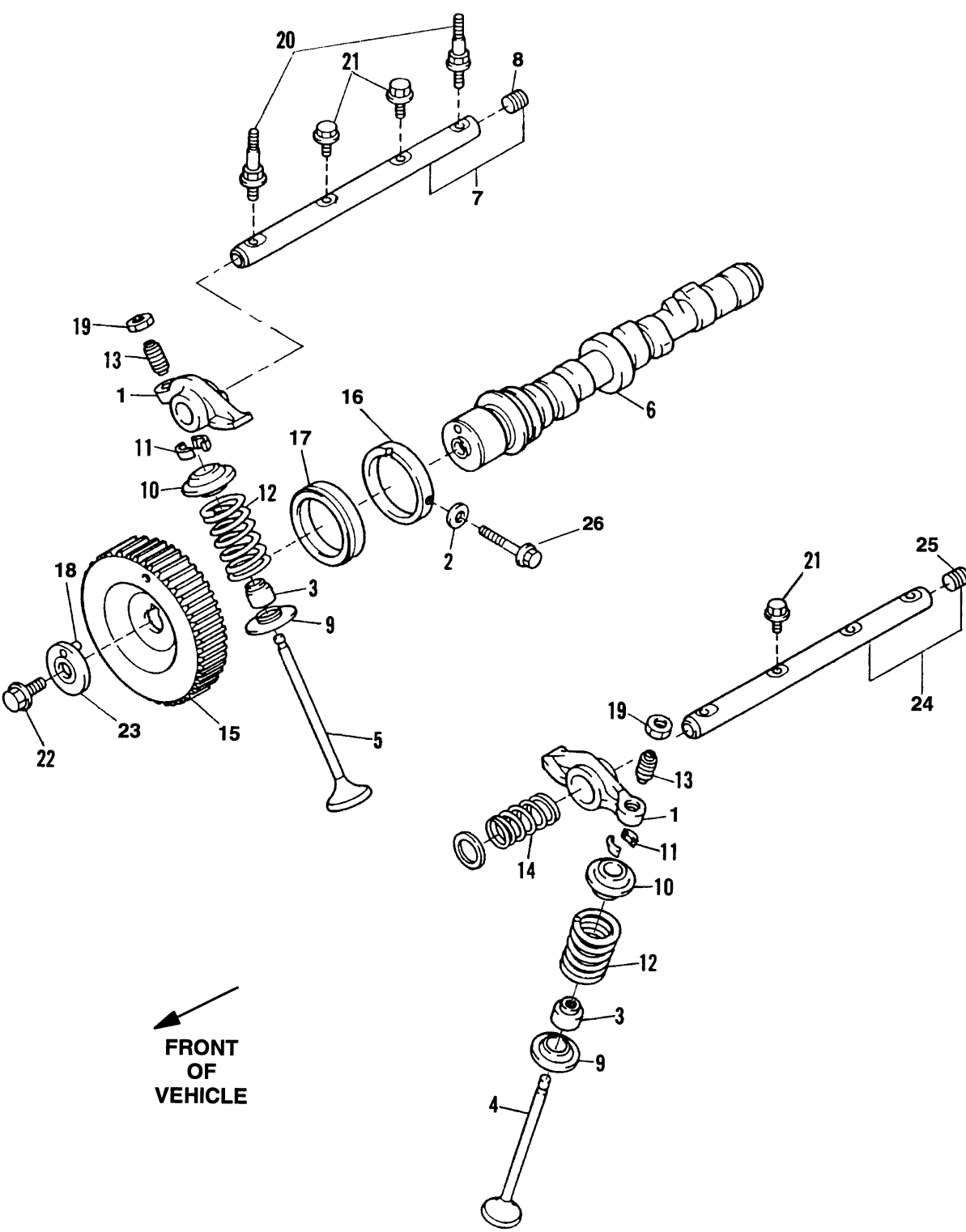
CYLINDER HEAD (327 ENGINE)



Ref. No.	Part No.	Description	No. Req'd.	Ref. No.	Part No.	Description	No. Req'd.
1	833438	Filter, oil	1	11	837077	Stud	2
2	834757	Bolt (cylinder head set)	8	12	888584	Cap, oil filler	1
3	834765	Cover, cylinder head	1	13	890031	Head, chlinder	1
4	833468	•Gasket, cylinder head cover	1	14	833470	•Bushing, valve guide exhaust ...	3
5	833469	•Washer, seal	3	15	833470	•Bushing, valve guide intake	3
6	834762	•Nut, cap (cylinder head cover) ..	3	16	834758	•Plug, tight, No. 1	1
7	836973	Gasket, cylinder head	1	17	834759	•Plug,, tight, No. 2	1
8	836977	Hose, oil filler cap	1	18	834761	••Ring, shaft snap	3
9	837074	Stud	1	19	834763	•Tube	1
10	837076	Stud	3				

•INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN PRECEDING ASSEMBLY.

**CAMSHAFT AND
VALVES
(327 ENGINE)**

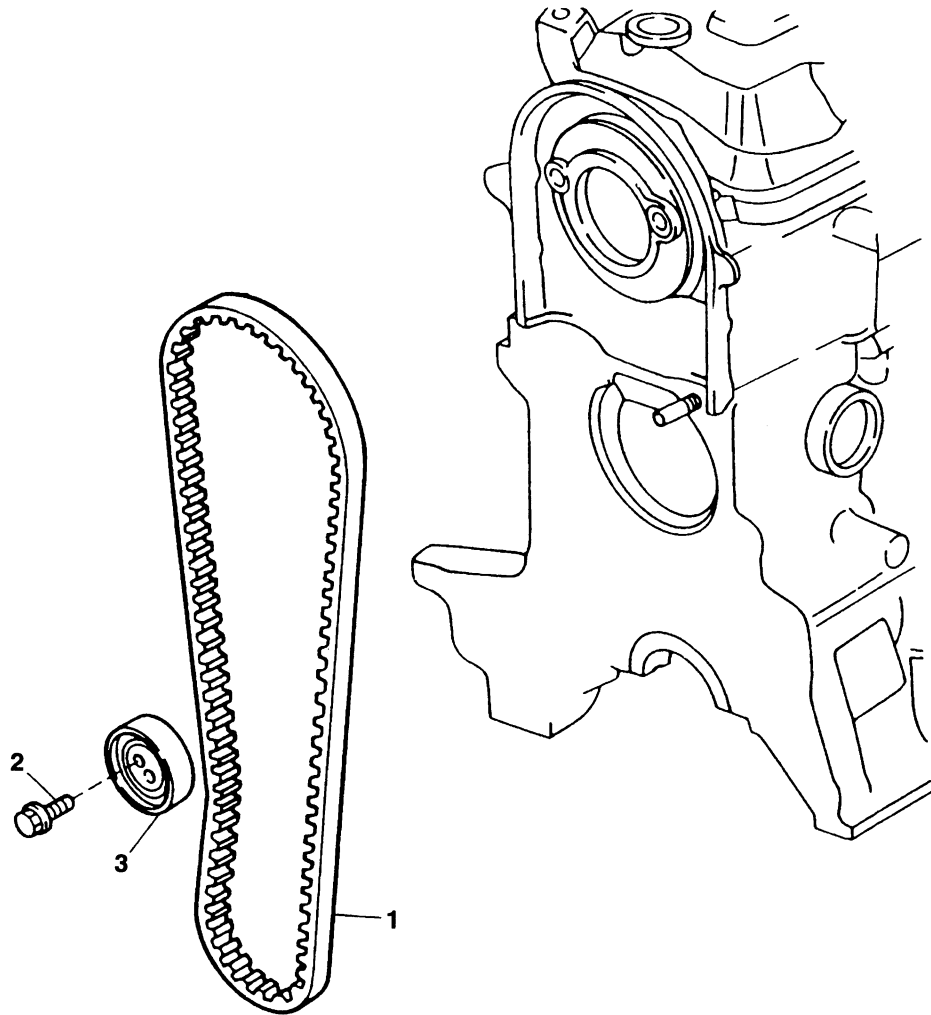


CAMSHAFT AND VALVES (327 ENGINE)

Ref. No.	Part No.	Description	No. Req'd.	Ref. No.	Part No.	Description	No. Req'd.
1	889033	Arm, rocker	6	14	834798	Spring, compression, rocker shaft	6
2	833454	Gasket	1	15	836969	Pulley, camshaft timing belt	1
3	833455	Seal, valve stem	6	16	837057	Ring, camshaft thrust	1
4	833456	Valve, exhaust	3	17	837058	Seal, type "T" oil	1
5	833457	Valve, intake	3	18	837064	Pin, straight	1
6	834790	Camshaft	1	19	837071	Nut, rocker arm	6
7	889034	Shaft, rocker, No. 1	1	20	837077	Stud, rocker shaft	4
8	834799	•Plug, straight screw	1	21	837087	Screw, rocker shaft	4
9	834793	Seat, valve spring	6	22	837090	Screw, camshaft	1
10	834794	Retainer, valve spring	6	23	837286	Washer, camshaft	1
11	834795	Lock, valve spring retainer	12	24	889035	Shaft, rocker, No. 2	1
12	834796	Spring, compression	6	25	834799	•Plug, straight screw	1
13	834797	Screw, valve adjusting	6	26	841850	Screw, cam thrust bearing	1

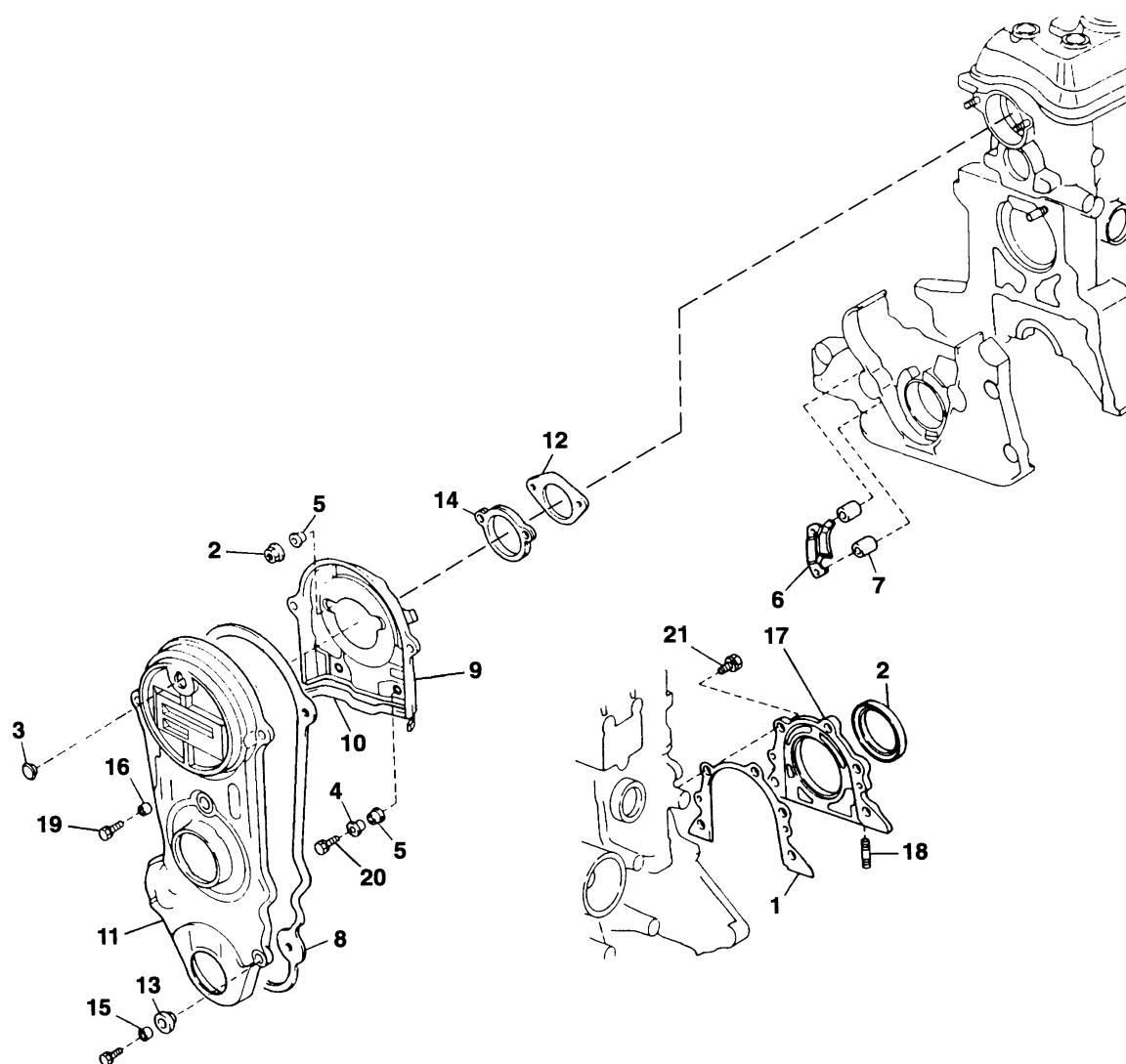
•INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN PRECEDING ASSEMBLY.

TIMING BELT (327 ENGINE)



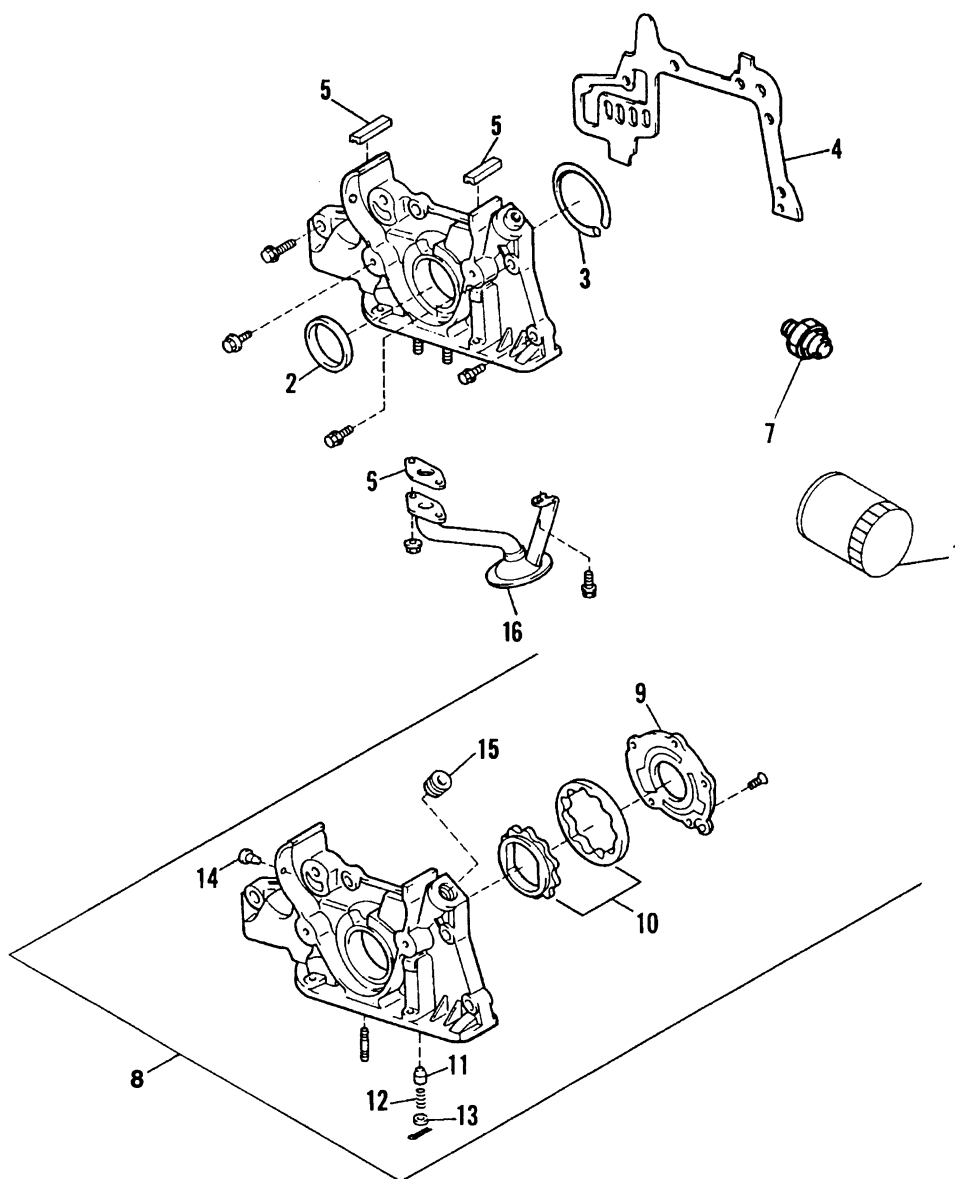
Ref. No.	Part No.	Description	No. Req'd.	Ref. No.	Part No.	Description	No. Req'd.
1	836962	Belt, timing	1	3	889972	Tensioner, timing belt	1
2	837091	Screw, M10 x 1.25 x 32 mm	1				

TIMING BELT COVER (327 ENGINE)



Ref. No.	Part No.	Description	No. Req'd.	Ref. No.	Part No.	Description	No. Req'd.
1	833462	Gasket, engine rear oil seal retainer	1	11	836963	Cover, timing belt, upper	1
2	833463	Seal, engine rear oil	1	12	836964	Plate, oil seal	1
3	834774	Grommet, No. 1	1	13	836965	Grommet, No. 2	3
4	834777	Grommet, No. 4	2	14	836966	Grommet, No. 3	1
5	834781	Collar, No. 3	4	15	836967	Collar, No. 1	3
6	834783	Pointer, timing (calif. spec.)	1	16	836968	Collar, No. 2	2
	834960	Pointer, timing (std. spec.)	1	17	836972	Retainer, rear engine oil seal	1
7	834784	Collar	2	18	837070	Stud	2
8	836232	Gasket, timing belt, upper	1	19	837082	Screw, M6 x 1.0 x 14 mm	3
9	836233	Cover, timing belt, No. 2	1	20	837083	Screw, M6 x 1.0 x 20 mm	2
10	836234	Seal, dust	1	21	837085	Screw, M8 x 1.25 x 20 mm	5
				22	837094	Nut, M6 x 1.0	2

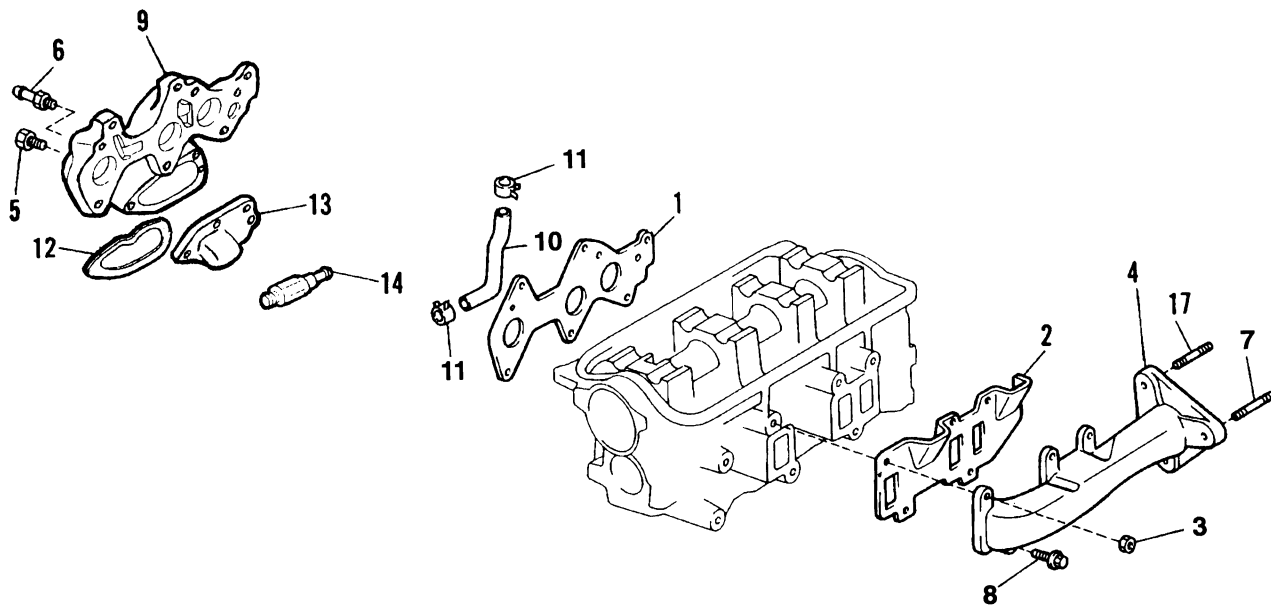
OIL PUMP (327 ENGINE)



Ref. No.	Part No.	Description	No. Req'd.	Ref. No.	Part No.	Description	No. Req'd.
1	833438	Filter, oil	1	9	834800	•Cover, oil pump	1
2	833447	Seal, type "T" oil	1	10	834801	•Gear, oil pump drive	1
3	833448	O-ring	1	11	834802	•Valve, oil pump relief	1
4	833449	Gasket, oil pump	1	12	834803	•Spring, compression	1
5	833450	Seal, dust	2	13	834804	•Retainer, oil pump relief valve ..	1
6	833451	Gasket, oil strainer flange	1	14	834805	•Plug	1
7	888567	Switch, oil pressure	1	15	834806	•Plug, taper screw	1
8	889976	♦♦♦Pump, oil	1	16	889044	Strainer, oil	1

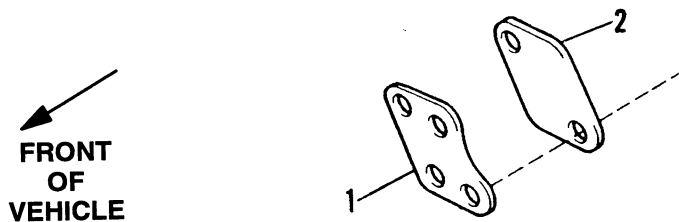
• INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN THE PRECEDING ASSEMBLY.

INTAKE & EXHAUST MANIFOLD (327 ENGINE)



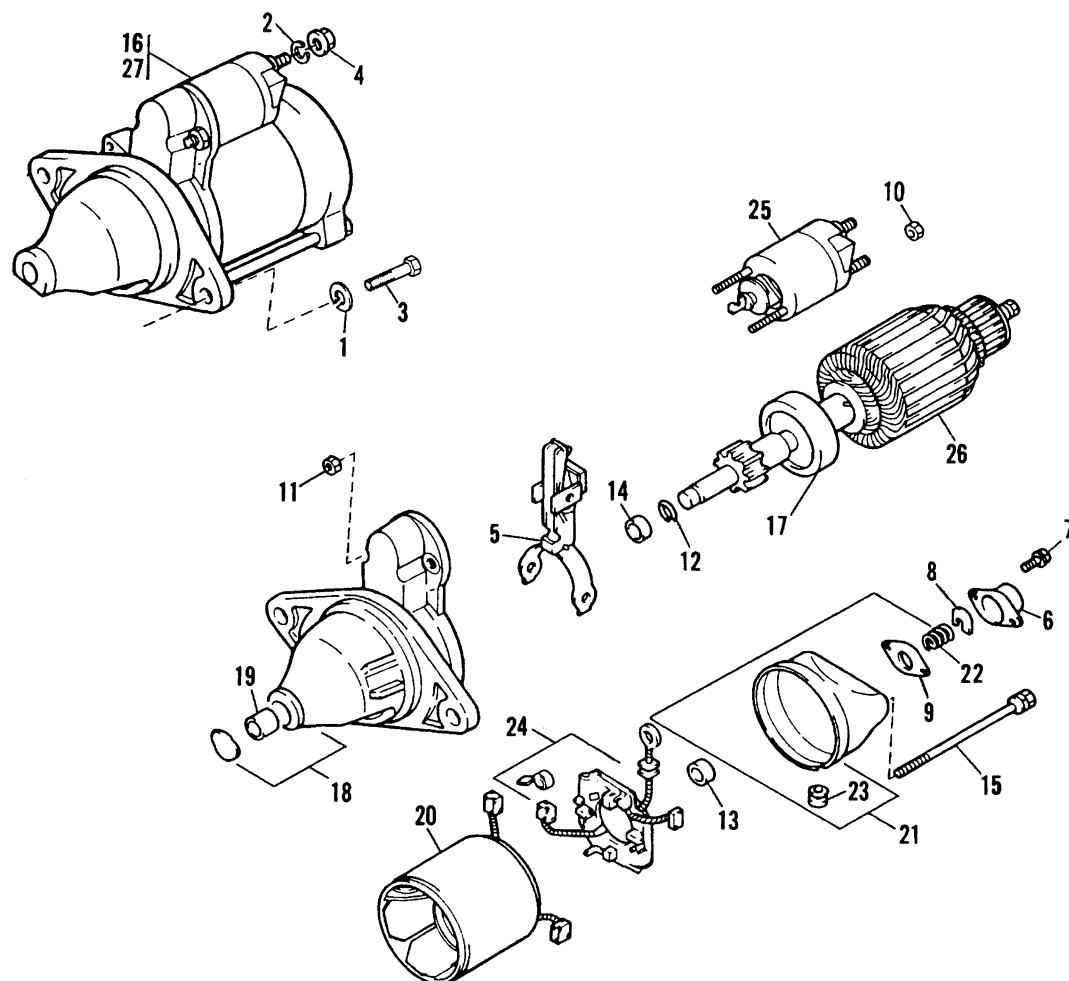
Ref. No.	Part No.	Description	No. Req'd.	Ref. No.	Part No.	Description	No. Req'd.
1	833018	Gasket, intake manifold to head	1	10	836995	Hose, water by-pass No. 1	1
2	833164	Gasket, exhaust manifold to head	1	11	836996	Clip	2
3	837096	Nut, M8 x 1.25	3	12	836997	O-ring, water by-pass	1
4	834827	Manifold, exhaust	1	13	836998	Cover, intake manifold	1
5	834828	Plug, taper screw	1	14	836999	Valve, thermostat	1
6	834829	Plug, bleeder	1	15	837072	Nut, M8 x 1.25	6
7	837079	Stud, exhaust manifold	1	16	837075	Stud, intake manifold	1
8	837086	Screw, M8 x 1.25 x 23 mm	2	17	837078	Stud, exhaust manifold	2
9	836976	Manifold, intake	1				

EXHAUST GAS PLATE (327 ENGINE)



Ref. No.	Part No.	Description	No. Req'd.	Ref. No.	Part No.	Description	No. Req'd.
1	834864	Gasket, EGR valve	1	2	834865	Plate, EGR hole cover	1

STARTER (327 ENGINE)

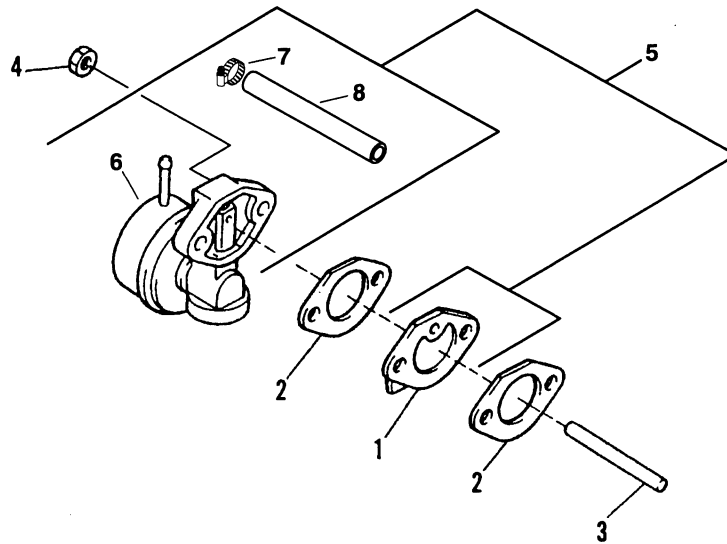


Ref. No.	Part No.	Description	No. Req'd.	Ref. No.	Part No.	Description	No. Req'd.
1	120177	Lockwasher, 3/8	2	15	834919	Bolt, through	2
2	306325	Lockwasher, 5/16	1	16	889057	Starter, complete	1
3	306414	Screw, 3/8-16 x 1	2	17	889078	Clutch, starter	1
4	800428	Nut, M8 x 1.25	1	18	889079	Housing, starter drive	1
5	834908	Lever, starter pinion drive	1	19	834907	•Bushing	1
6	834909	cover, end frame	1	20	889080	Yoke, starter	1
7	834910	Screw, w/washer	2	21	889081	Frame, starter commutator end ..	1
8	834911	Plate, starter lock	1	22	834916	•Spring, starter drive	1
9	834912	Gasket	1	23	834920	•Protector, dust, starter	1
10	834913	Nut, magnet switch	1	24	889082	Holder, starter brush	1
11	834914	Nut, magnet switch	2	25	889083	Switch, magnet	1
12	834915	Ring, snap	1	26	889084	Armature, starter	1
13	834917	Bearing, armature	1	27	891651	*Starter, complete	1
14	834918	Collar	1				

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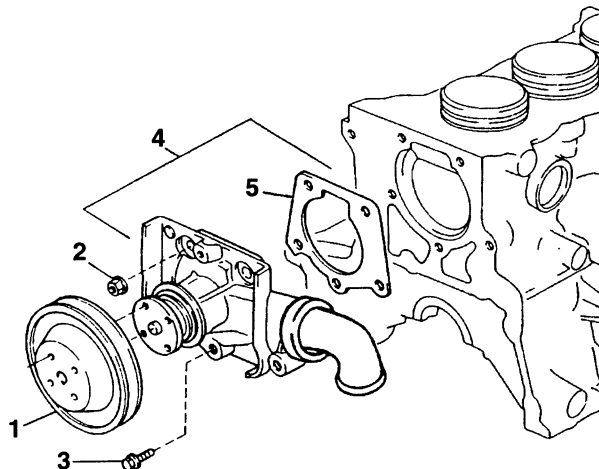
* Not illustrated. Used on models 898474 and 898475 only.

FUEL PUMP (327 ENGINE)



Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1.	834861	Insulator, fuel pump	1	5.	892940	Kit, fuel pump	1
2.	834862	Gasket, fuel pump	2	6.	892941	•Pump, fuel	1
3.	834863	Rod, fuel pump	1	7.	825624	•Clamp, hose	2
4.	837072	Nut, M8 x 1.25 mm	2	8.	830425	•Hose, fuel	As Req'd.

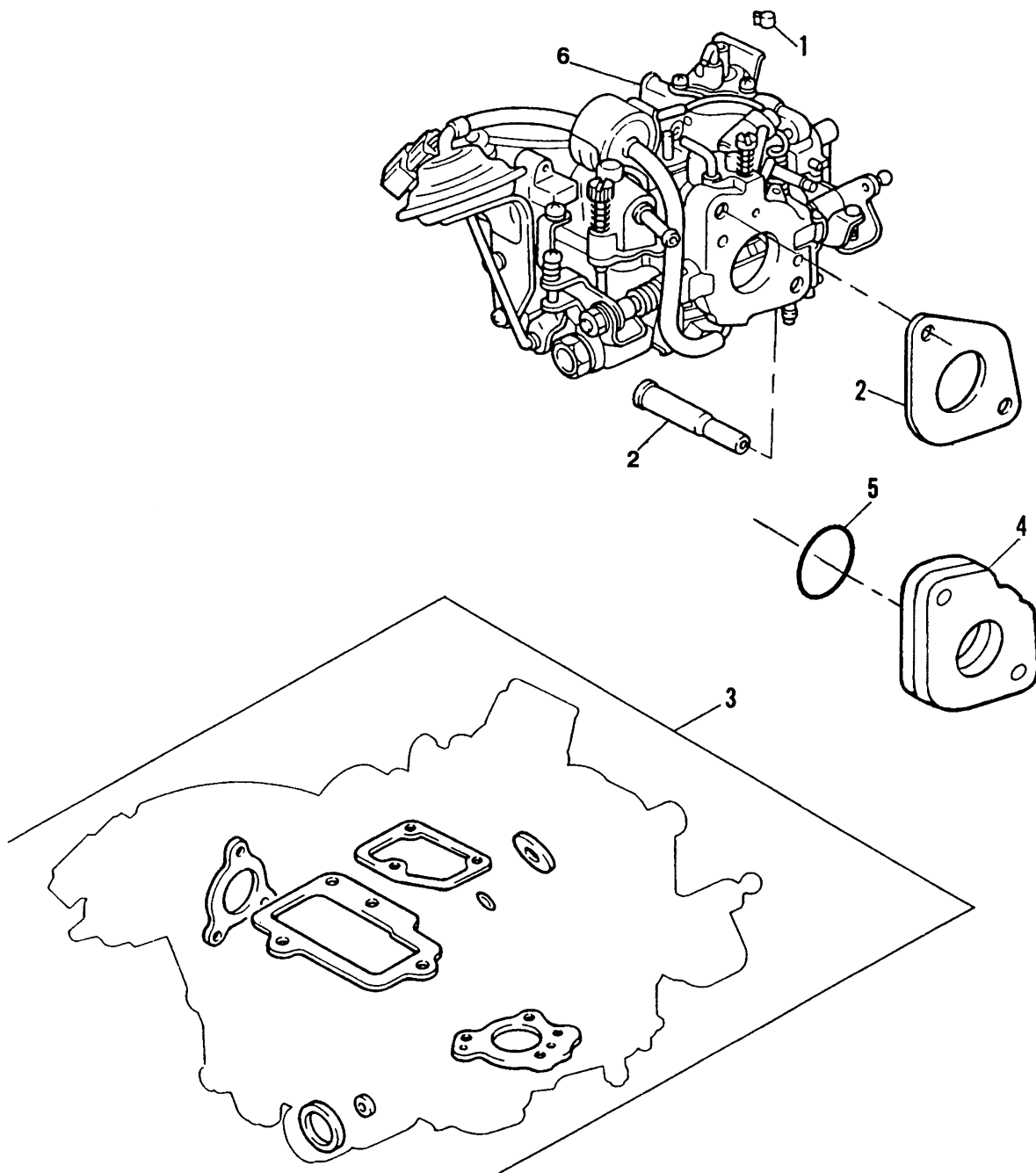
WATER PUMP (327 ENGINE)



Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1.	836989	Pulley, water pump	1	4.	889771	Pump, water	1
2.	837072	Nut, M8 x 1.25 mm	2	5.	833446	•Gasket, water pump	1
3.	837073	Screw M8 x 1.0 x 28 mm	3				

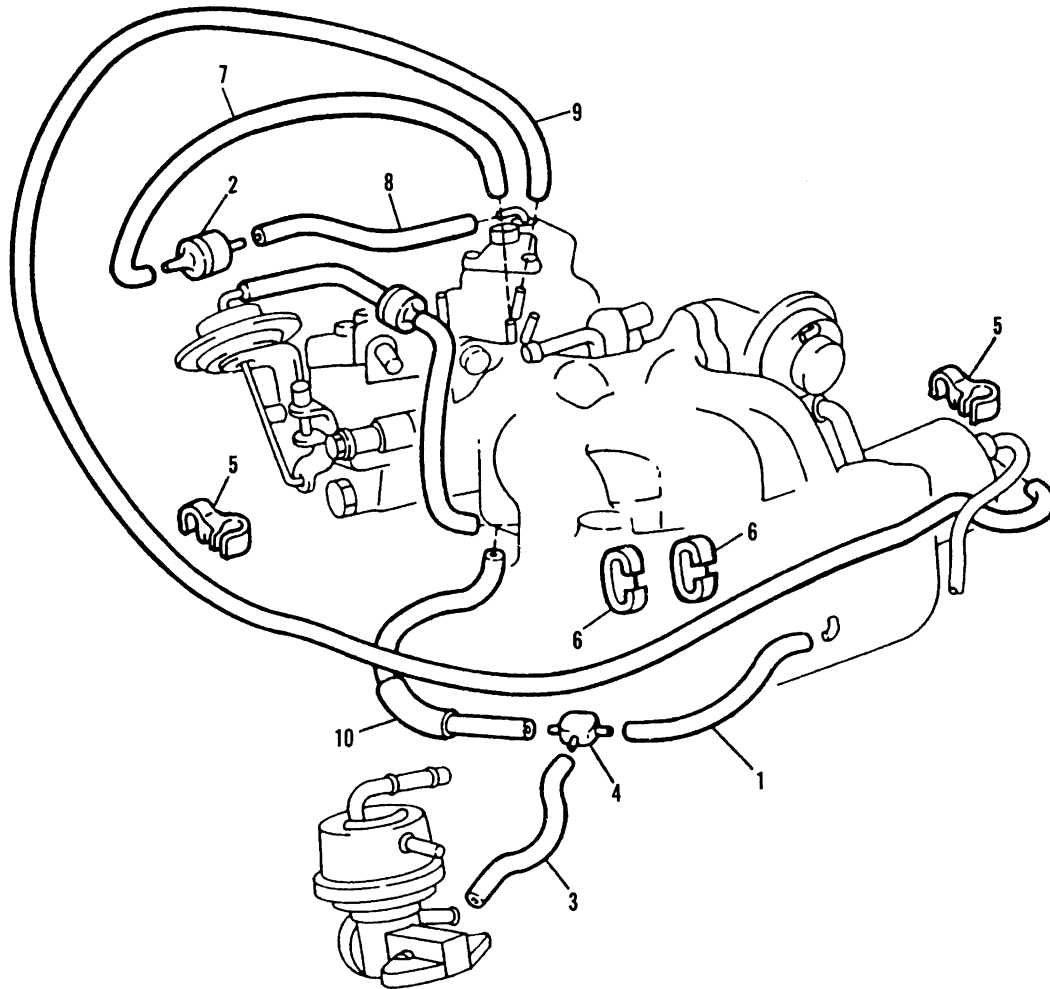
• INDENTED PARTS INDICATE THESE PARTS ARE INCLUDED IN PRECEDING ASSEMBLY.

CARBURETOR GASKET KIT (327 ENGINE)



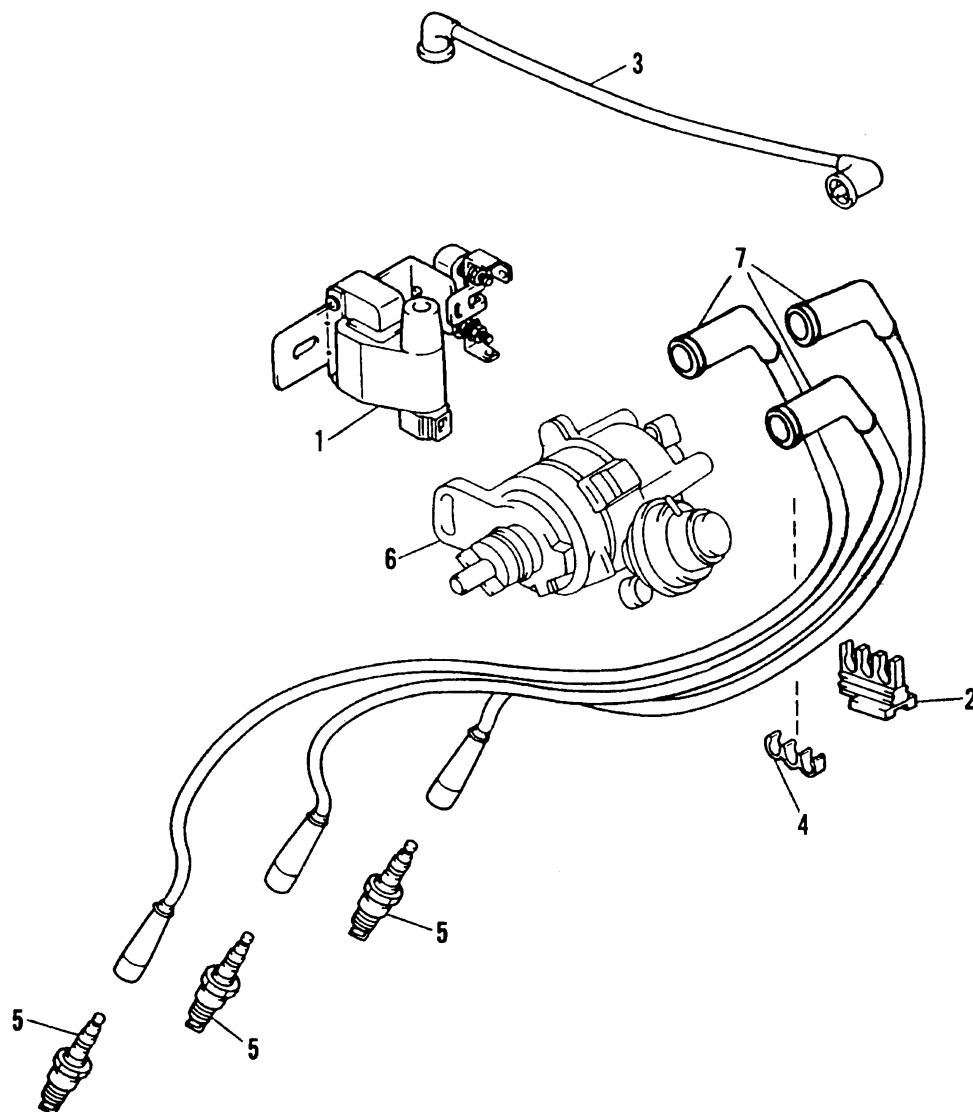
Ref. No.	Part No.	Description	No. Req'd.	Ref. No.	Part No.	Description	No. Req'd.
1	834858	Cap, idle limit	1	4	836978	◇◇Insulator, heat	1
2	837097	Nut, special	1	5	836979	◇◇"O"-ring	1
3	834860	Gasket kit, carburetor (49-state specification)	1	6	889085	Carburetor (Calif. specification) . .	1
	834925	Gasket kit, carburetor (Calif. spec.) .	1		897085	Carburetor (49-state specification) .	1

**VACCUM
HOSES
(327 ENGINE)**



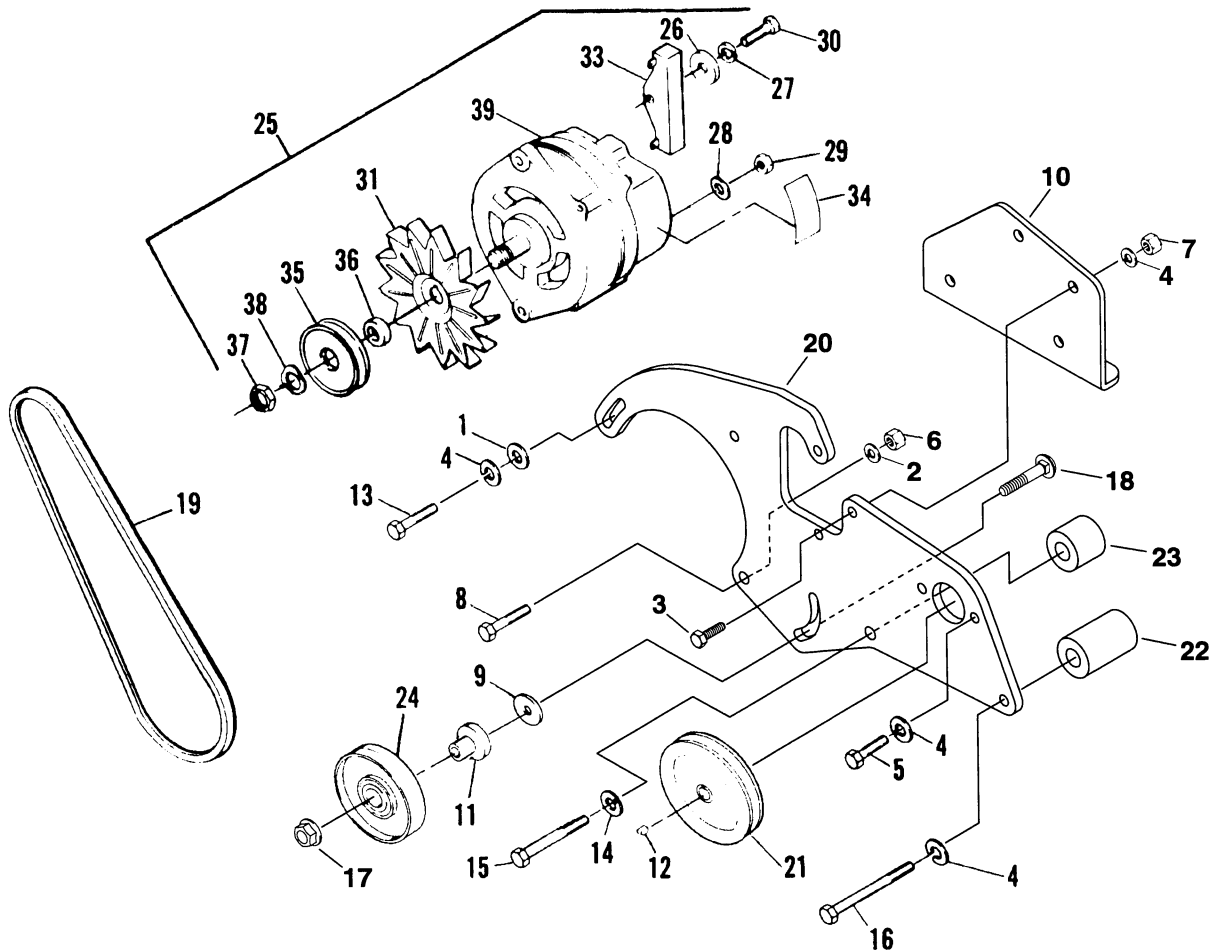
Ref. No.	Part No.	Description	No. Req'd.	Ref. No.	Part No.	Description	No. Req'd.
1	834764	Hose, 250mm	1	6	834837	Clamp	2
2	834832	Jet, No. 1	1	7	837061	Hose	1
3	834834	Hose, 150mm	1	8	837062	Hose	1
4	834835	Tee	1	9	837063	Hose	1
5	834836	Clamp	2	10	889977	Hose, oil filler cap	1

IGNITION COIL AND SPARK PLUGS (327 ENGINE)



Ref. No.	Part No.	Description	No. Req'd.	Ref. No.	Part No.	Description	No. Req'd.
1	834873	Coil, ignition	1	5	835825	Plug, spark	3
2	834874	Clamp	1	6	888590	Distributor, complete	1
3	834875	Wire, coil resistive	1	7	889099	Wire set, resistive	1
4	834876	Clamp	1				

ALTERNATOR (327 ENGINE)



Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	103867	Washer, 5/16"	1	21	833236	Pulley, 5 1/4" (133mm)	1
2	120177	Lockwasher, 3/8"	2	22	822660	Sleeve, spacer	1
3	306416	Screw, 5/16-18 x 1"	1	23	833135	Sleeve, spacer	1
4	306325	Lockwasher, 5/16"	4	24	836447	Idler, pulley	1
5	306450	Screw, 5/16-18 x 3/4"	2	25	883239	Alternator	1
6	306562	Nut, 3/8-16	2	26	103867	•Washer, 5/16"	1
7	306932	Nut, 5/16"	2	27	306325	•Lockwasher, 5/16"	1
8	311213	Screw, 3/8-16 x 3"	1	28	306909	•Lockwasher, #12 shakeproof ...	1
9	515390	Retainer, washer	1	29	800413	•Nut, M6 x 1	1
10	840175	Plate, alternator bracket filler ...	1	30	800414	•Screw, M8 x 1.25 x 30mm	2
11	523100	Bushing	1	31	816867	•Fan	1
12	553046	Key, woodruff	1	32*	823683	•Harness, alternator wire	1
13	800414	Screw, M8 x 1.25 x 30mm	1	33	823689	•Resistor, alternator	1
14	800488	Lockwasher, metric 10mm	1	34	826468	•Decal	1
15	800566	Screw, M10 x 1.25 x 60mm	1	35	830377	•Pulley, alternator	1
16	800567	Screw, M8 x 1.25 x 55mm	1	36	830378	•Spacer, pulley	1
17	800698	Nut, 3/8-16, flangelock	1	37	◇	•Nut, Delco #1915172	1
18	839958	Screw, 3/8-16 x 1 3/4, carriage ...	1	38	◇	•Washer, wave, Delco #1941978	1
19	841027	Belt, V, .440 SAE	1	39	◇◇	•Alternator	1
20	892399	Bracket, mounting	1				

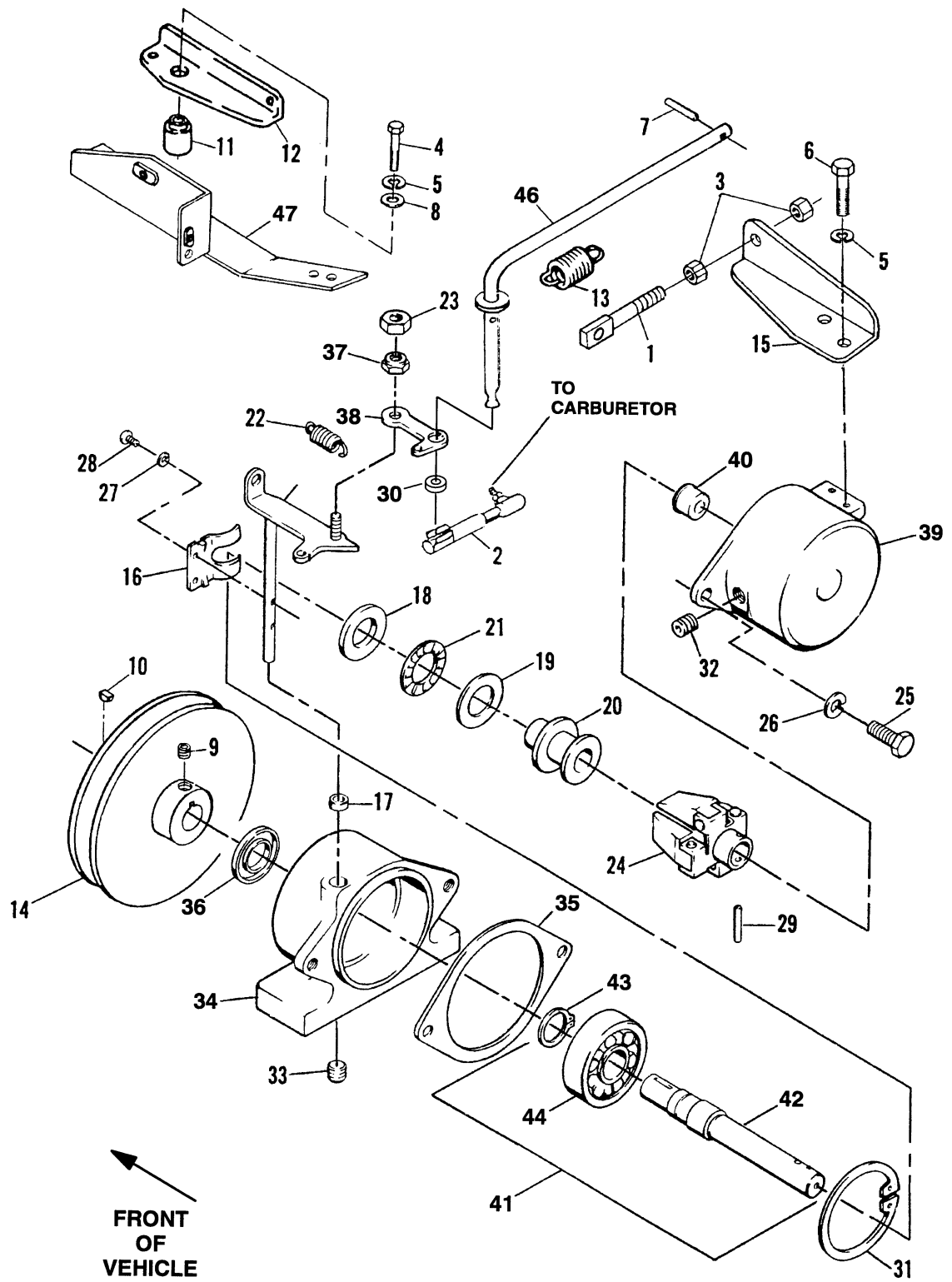
• INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN PRECEDING ASSEMBLY

* Not Illustrated

◇ May be obtained from Delco Service Centers

◇◇ Not offered

GOVERNOR (327 ENGINE)

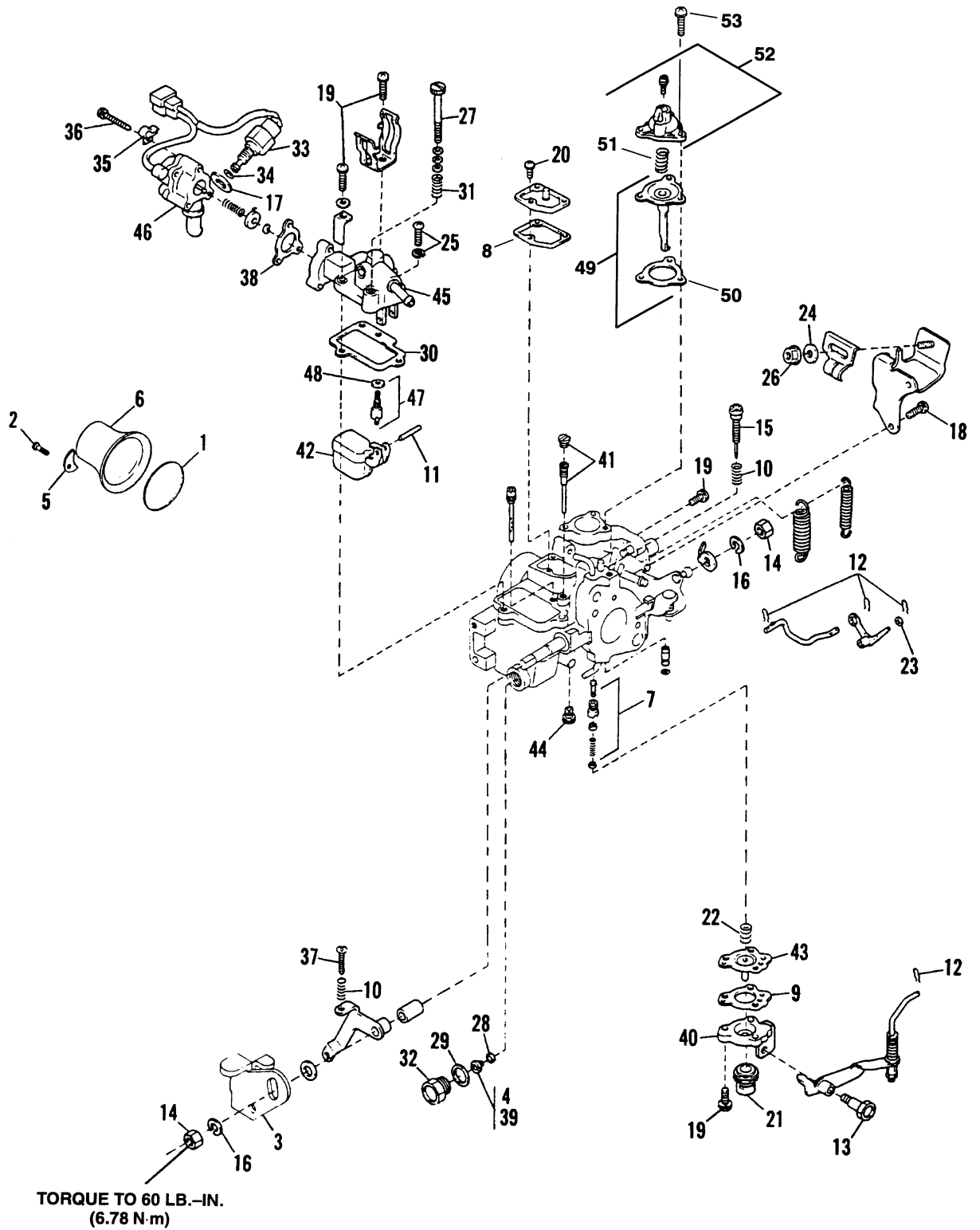


GOVERNOR (327 ENGINE)

Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	111893	Screw, governor	1	24	160410	•Carrier and weights	1
2	838780	Ball link, throttle	1	25	302288	•Screw, 1/4–20 x 1"	2
3	132520	Nut, governor spring	2	26	306396	•Lockwasher, 1/4"	2
4	303459	Screw, 1/4–20 x 1 1/2"	1	27	306506	•Lockwasher, #6	2
5	306396	Lockwasher, 1/4"	3	28	306915	•Screw, #6–32 x 5/16"	2
6	306487	Screw, 1/4–20 x 5/8"	2	29	306966	•Pin, roll	1
7	306966	Pin, roll	1	30	839230	•Bushing	1
8	308090	Washer, 1/4"	1	31	548325	•Lock ring	1
9	548201	Screw, 5/16–18 x 5/16" set	2	32	800227	•Plug	1
10	553046	Key, woodruff	1	33	800558	•Screw, set 3/8–16 x 5/16"	1
11	833095	Spacer	1	34	833054	•Head, governor	1
12	833097	Arm	1	35	833056	•Gasket, governor	1
13	833101	Spring, extension	1	36	833102	•Seal, oil	1
14	833236	Pulley, 5 1/4" (133 mm)	1	37	835271	•Nut, special	1
15	833366	Bracket, models 898462C, 898465B, 898469B	1	38	835272	•Lever, auxiliary	1
	888398	Governor, complete	1	39	833049	••Reservoir, governor	1
16	111812	•Yoke, spool	1	40	833103	••Bearing, needle	1
17	111813	•Seal, shaft	1	41	888397	•Shaft, governor	1
18	111814	•Washer, thrust	1	42	833066	••Shaft, governor	1
19	111816	•Washer, thrust	1	43	833104	••Ring, retaining	1
20	111817	•Spool, governor	1	44	833345	••Bearing, ball	1
21	112840	•Bearing, thrust	1	45	889195	•Lever	1
22	114444	•Spring	1	46	888530	Rod, control	1
23	130728	•Nut, 1/4–20	1	47	889179	Bracket, models 898630A, 898632B and 898635A	1

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CARBURETOR 49 STATE (327 ENGINE)

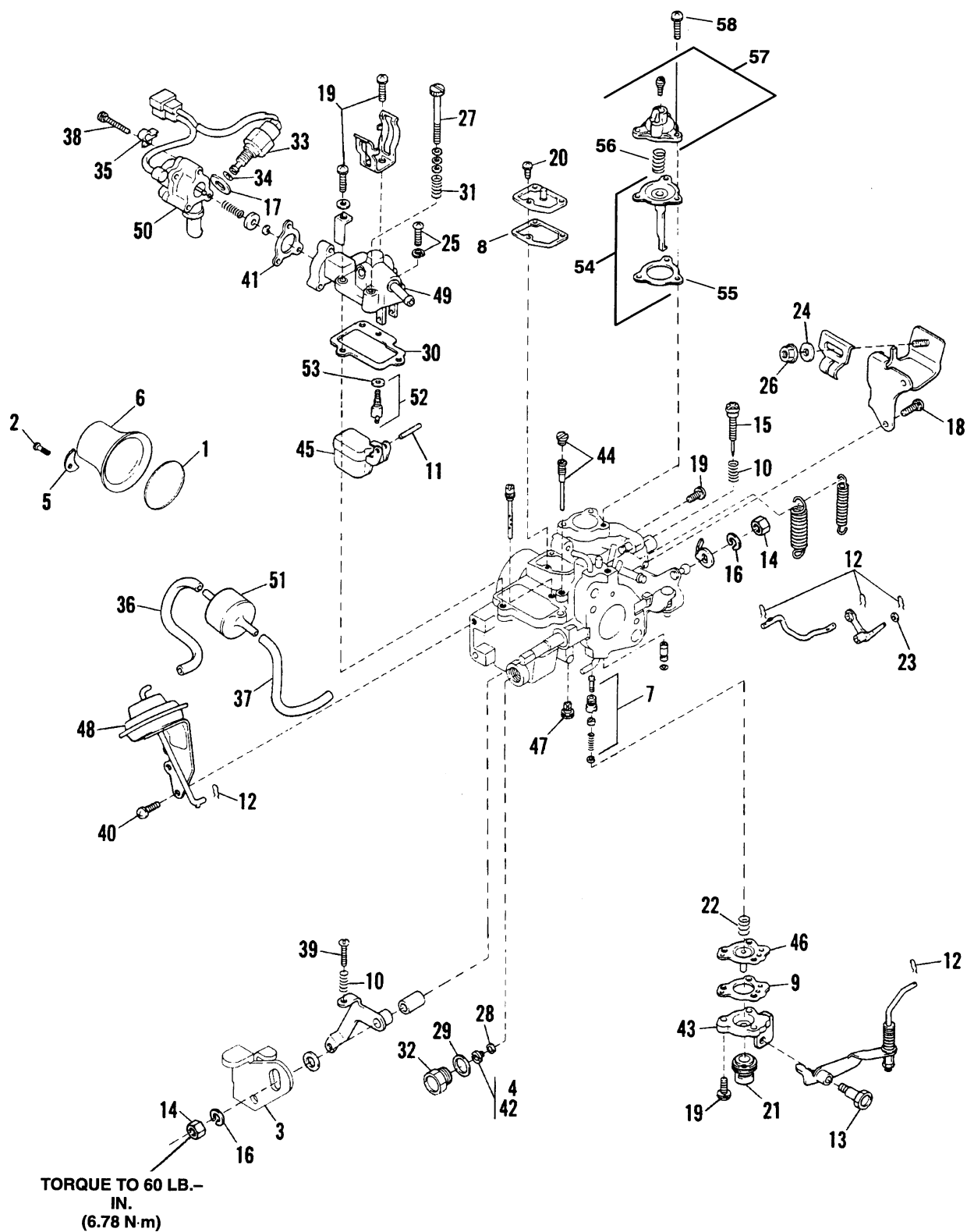


CARBURETOR 49 STATE 327 ENGINE

Ref. No.	Part No.	Description	No. Req'd.	Ref. No.	Part No.	Description	No. Req'd.
	897085	Carburetor, complete	1	27	834953	•Screw, adjusting	1
1	522583	•Seal, O-ring	1	28	834954	•Gasket, main jet	1
2	800009	•Screw, #10-24 x 3/8	2	29	834955	•Gasket main passage plug	1
3	833383	•Lever, throttle plate	1	30	834956	•Gasket, air horn	1
4	833981	•Jet, first main (1.10 mm)	1	31	834957	•Spring, throttle adjusting	1
5	834244	•Clip, tube	2	32	834958	•Plug, main passage	1
6	834245	•Tube, inlet	1	33	834959	•Solenoid, throttle valve	1
7	834927	•Valve, power	1	34	834941	••"O"-ring	1
8	834931	•Gasket, case	1	35	834962	•Clamp	1
9	834932	•Gasket, diaphragm housing	2	36	834965	•Screw	3
10	834933	•Spring, idle adjusting	2	37	834966	•Screw	1
11	834934	•Pin, float lever	1	38	834968	•Gasket	1
12	834935	•Clip, retaining	4	39	835382	•Jet, main (1.04mm) high altitude	1
13	834936	•Screw, pump arm set	1	40	889086	•Cover, bowl	1
14	834937	•Nut, throttle lever	2	41	889087	•Jet, slow	1
15	834938	•Screw, idle adjusting	1	42	889088	•Float	1
16	834939	•Lockwasher	2	43	889090	•Diaphragm	1
17	834942	•Gasket	1	44	889091	•Valve	1
18	834943	•Screw	2	45	889095	•Bowl, float	1
19	834944	•Screw, w/washer	6	46	889096	•Valve, solenoid	1
20	834945	•Screw	3	47	889098	•Valve, needle	1
21	834946	•Boot	1	48	834929	••Gasket, needle valve seat	1
22	834947	•Spring, power valve	1	49	893166	•Diaphragm, choke pull-off	1
23	834948	•Washer	1	50	841146	••Gasket, choke pull-off	1
24	834949	•Washer	1	51	841144	•Spring, choke pull-off	1
25	834950	•Screw	1	52	841143	•Cover, choke pull-off	1
26	834952	•Nut	1	53	841142	•Screw, choke pull-off	3

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CALIFORNIA CARBURETOR (327 ENGINE)

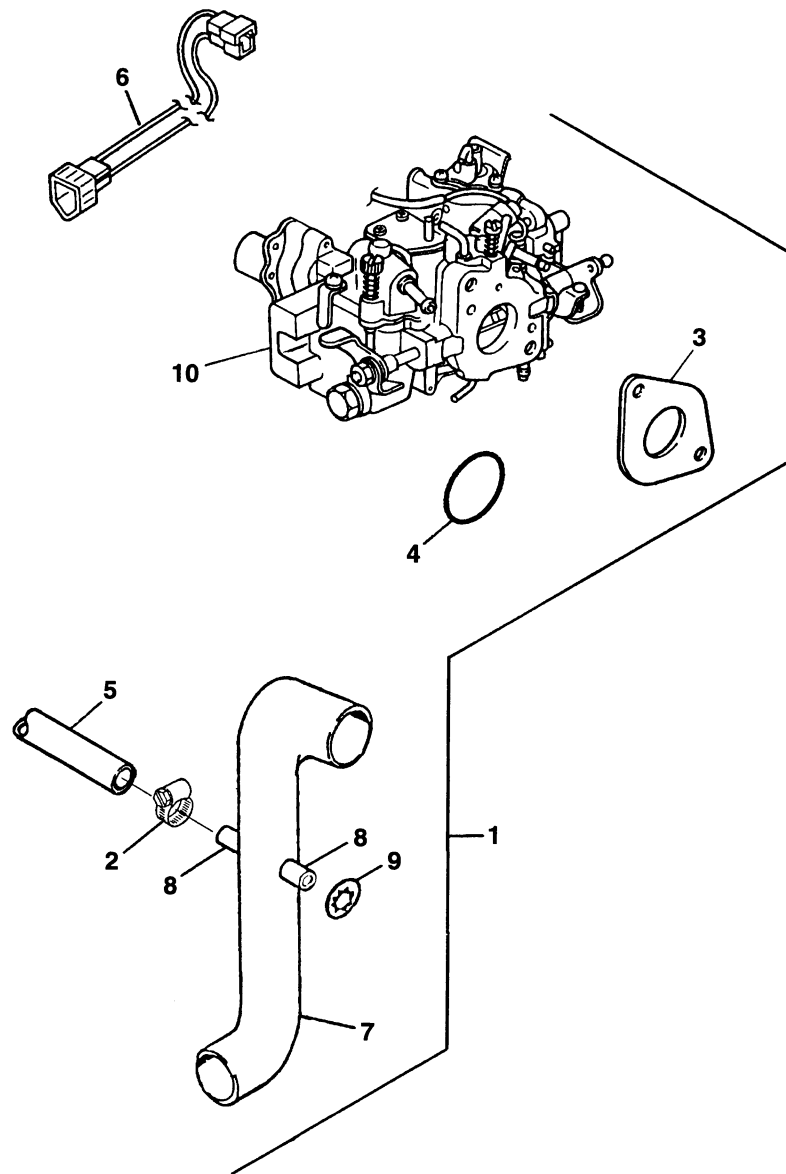


CALIFORNIA CARBURETOR (327 ENGINE)

Ref. No.	Part No.	Description	No. Req'd.	Ref. No.	Part No.	Description	No. Req'd.
	889085	Carburetor, complete	1	30	834956	•Gasket, air horn	1
1	522583	•Seal, O-ring	1	31	834957	•Spring, throttle adjusting	1
2	800009	•Screw, #10-24 x 3/8	2	32	834958	•Plug, main passage	1
3	833383	•Lever, throttle plate	1	33	834959	•Solenoid, throttle valve	1
4	833981	•Jet, first main (1.10 mm)	1	34	834941	••"O"-ring	1
5	834244	•Clip, tube	2	35	834962	•Clamp	1
6	834245	•Tube, inlet	1	36	834963	•Hose, vacuum	1
7	834927	•Valve, power	1	37	834964	•Hose, vacuum	1
8	834931	•Gasket, case	1	38	834965	•Screw	3
9	834932	•Gasket, diaphragm housing	2	39	834966	•Screw	1
10	834933	•Spring, idle adjusting	2	40	834967	•Screw	2
11	834934	•Pin, float lever	1	41	834968	•Gasket	1
12	834935	•Clip, retaining	4	42	835382	•Jet, main (1.04mm) high altitude	1
13	834936	•Screw, pump arm set	1	43	889086	•Cover, bowl	1
14	834937	•Nut, throttle lever	2	44	889087	•Jet, slow	1
15	834938	•Screw, idle adjusting	1	45	889088	•Float	1
16	834939	•Lockwasher	2	46	889090	•Diaphragm	1
17	834942	•Gasket	1	47	889091	•Valve	1
18	834943	•Screw	2	48	889094	•Positioner	1
19	834944	•Screw, w/washer	6	49	889095	•Bowl, float	1
20	834945	•Screw	3	50	889096	•Valve, solenoid	1
21	834946	•Boot	1	51	889097	•Valve	1
22	834947	•Spring, power valve	1	52	889098	•Valve, needle	1
23	834948	•Washer	1	53	834929	••Gasket, needle valve seat	1
24	834949	•Washer	1	54	893166	•Diaphragm, choke pull-off	1
25	834950	•Screw	1	55	841146	••Gasket, choke pull-off	1
26	834952	•Nut	1	56	841144	•Spring, choke pull-off	1
27	834953	•Screw, adjusting	1	57	841143	•Cover, choke pull-off	1
28	834954	•Gasket, main jet	1	58	841142	•Screw, choke pull-off	3
29	834955	•Gasket main passage plug	1				

• INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN PRECEDING ASSEMBLY

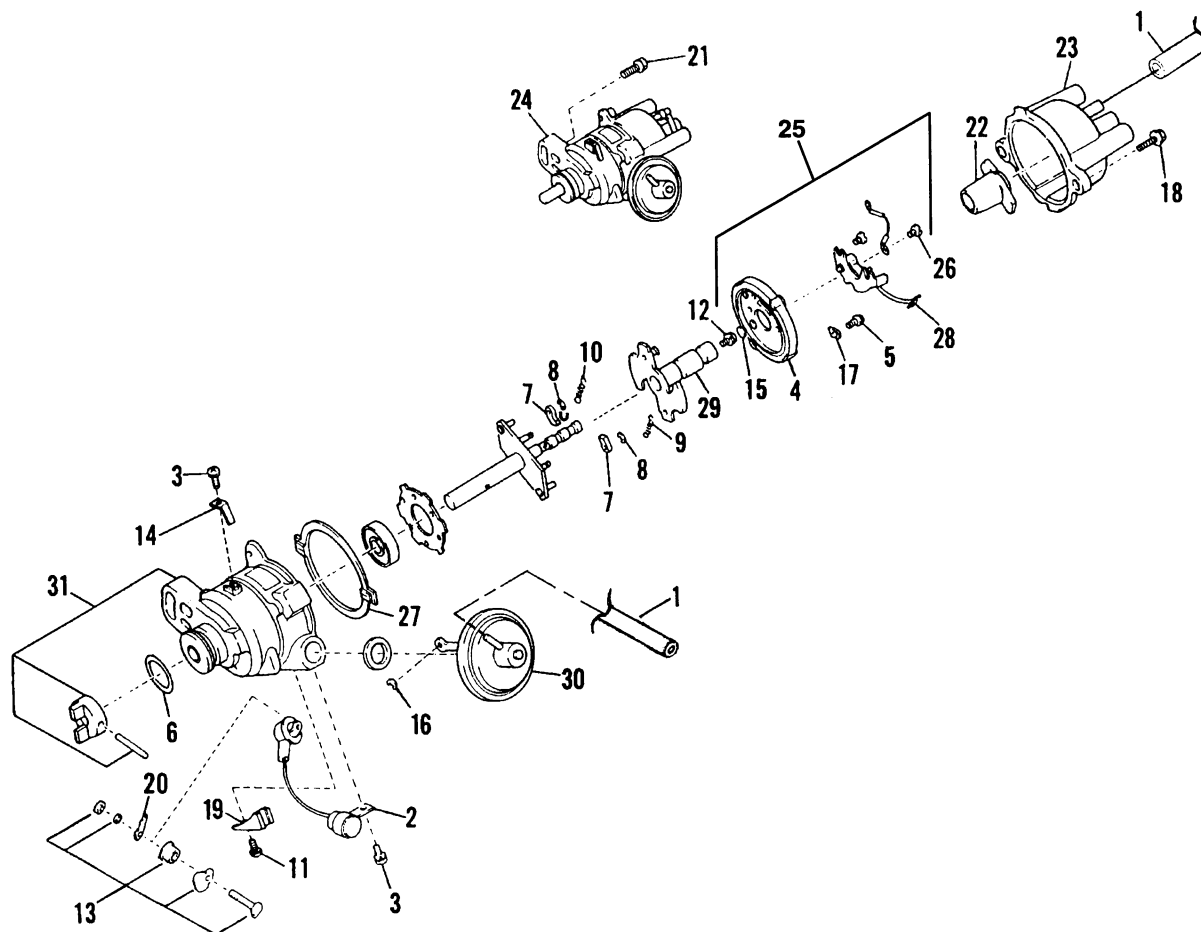
CARBURETOR KIT (327 ENGINE)



Ref. No.	Part No.	Description	No. Req'd.	Ref. No.	Part No.	Description	No. Req'd.
1	897086	Conversion kit	1	6	888849	•Wire, connector	1
2	825624	•Clamp	2	7	890879	•Hose	1
3	834859	•Gasket	1	8	522009	••Bushing	2
4	836979	•"O" ring	1	9	800569	••Ring, external retaining	2
5	869011	•Hose	1	10	897085	•Carburetor, 49 state	1

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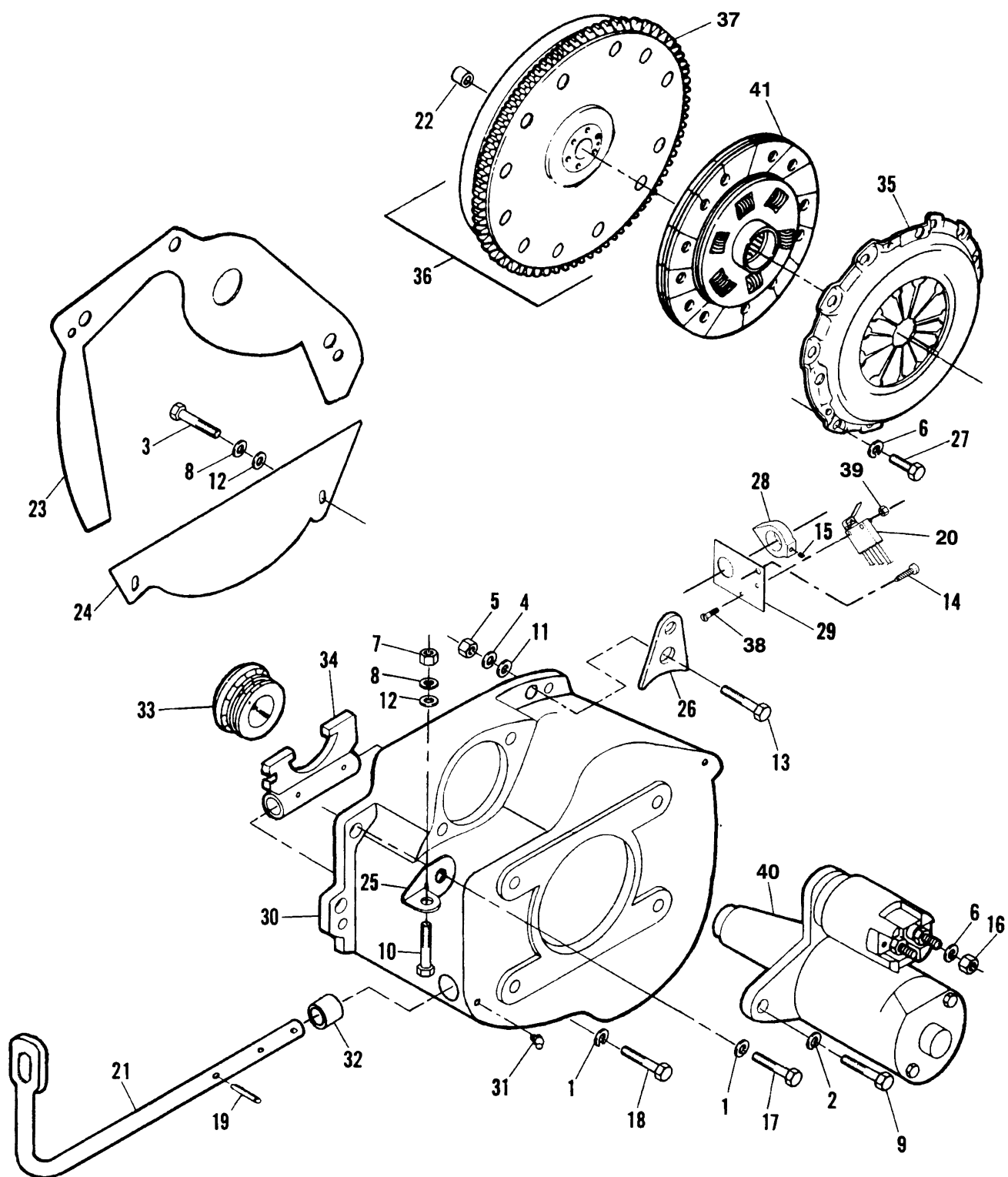
DISTRIBUTOR (327 ENGINE)



Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	826590	Hose, vent	As Req'd.	17	834854	Washer, steel plate	2
2	833475	Condenser, distributor	1	18	834855	Bolt, w/washer	2
3	834839	Screw, w/washer	2	19	834856	Cover, dust proof	1
4	834841	Plate, stationary, distributor	1	20	834857	Terminal, pole connector plate . . .	1
5	834842	Screw, w/washer	2	21	837088	Screw, M8 x 1.25 x 28mm	1
6	834843	O-ring	1	22	888588	Rotor, distributor	1
7	834844	Weight, governor	2	23	888589	Cap, distributor	1
8	834845	Washer, snap	2	24	888590	Distributor, complete	1
9	834846	Spring, governor, A	1	25	889053	Breaker, distributor	1
10	834847	Spring, governor, B	1	26	834838	•Screw	2
11	834848	Screw	1	27	834840	•Cover, dust proof, distributor . . .	1
12	834849	Screw, w/washer	1	28	888587	•Point kit	1
13	834850	Terminal, distributor	1	29	889054	Cam, distributor	1
14	834851	Clamp, cord	1	30	889055	Advancer, vacuum	1
15	834852	Cap, cam	1	31	889056	Housing, distributor	1
16	834853	Washer	1				

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CLUTCH (327 ENGINE)

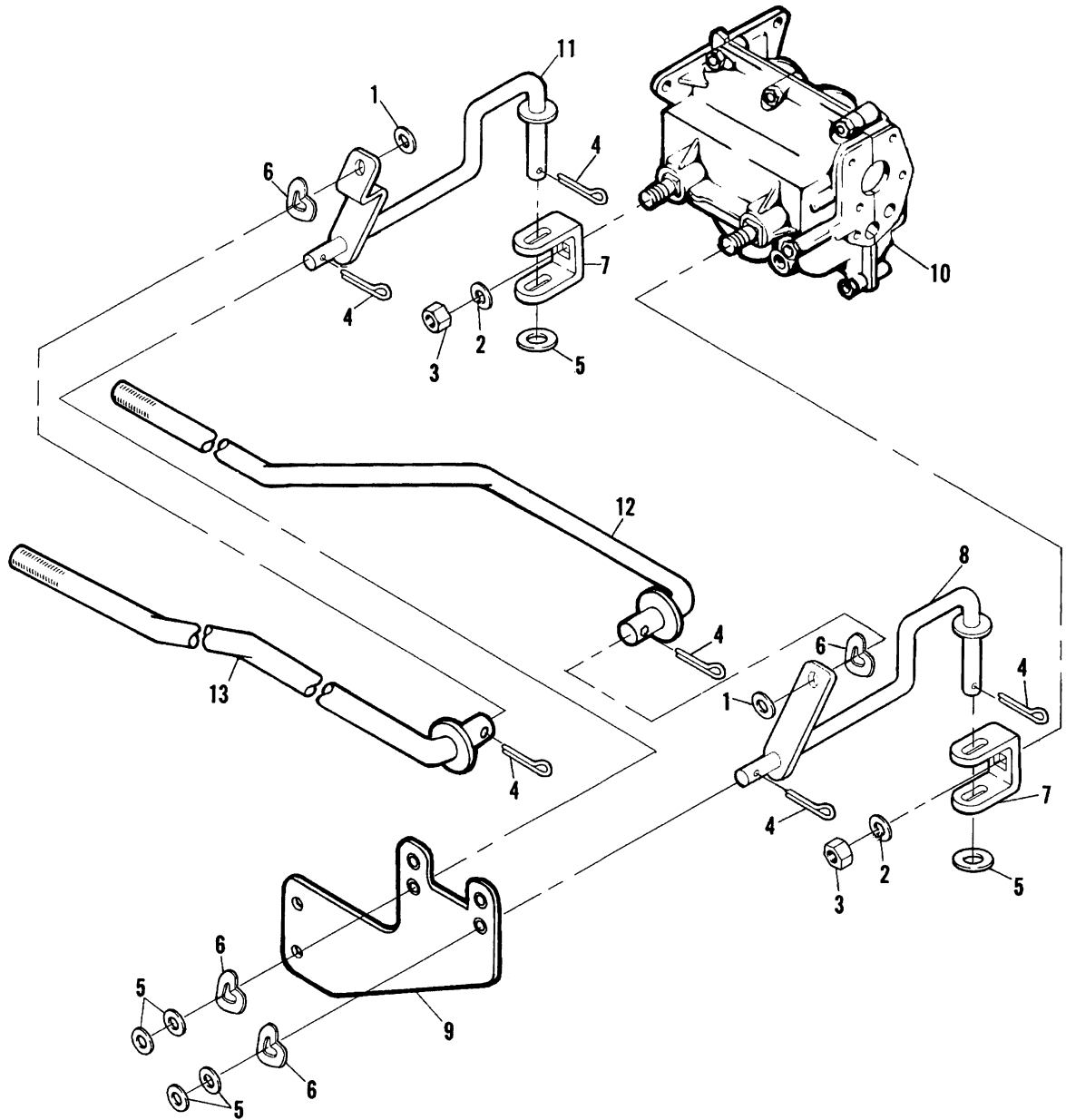


CLUTCH (327 ENGINE)

Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	120166	Lockwasher, 1/2"	3	23	833311	Plate, cover	1
2	120177	Lockwasher, 3/8"	2	24	833312	Plate, cover	1
3	300977	Screw, 1/4-28 x 5/8"	2	25	833625	Bracket, mounting	1
4	303269	Lockwasher, 7/16"	1	26	838639	Bracket, hoist	1
5	304364	Nut, 7/16-14	1	27	837084	Screw, M8 x 1.25 x 16mm	6
6	306325	Lockwasher, 5/16"	7	28	837531	Cam	1
7	306375	Nut, 1/4-20	1	29	837533	Plate, clutch switch mounting	1
8	306396	Lockwasher, 1/4"	3	30	888304	Housing, clutch	1
9	306414	Screw, 3/8-16 x 1"	2	31	807442	•Fitting, 90° lube	2
10	306487	Screw, 1/4-20 x 5/8"	1	32	831000	•Bushings	2
11	306982	Washer, 7/16"	1	33	888348	Sleeve	1
12	308090	Washer, 1/4"	3	34	888508	Actuator	1
13	311396	Screw, 7/16-14 x 2 1/4"	1	35	888564	Cover, clutch (pressure plate) ...	1
14	800138	Screw, #10 x 5/8, self tapping ...	1	36	889032	Flywheel	1
15	800225	Screw, #10-24 set	1	37	834786	•◇Gear, flywheel ring	1
16	800428	Nut, M8 x 1.25	1	38	837060	•◇◇Gear, flywheel ring	1
17	800546	Screw, M12 x 1.25 x 35mm	2	39	888503	Service screw kit, (includes two - #4-40 x 1 3/4 screws)	1
18	800562	Screw, M12 x 1.25 x 75mm	1	40	800587	•Nut, #4-40 w/washer	2
19	800586	Roll pin	3	41	889057	Starter, complete	1
20	890808	Switch, starting safety	1	42	889793	Disc, clutch	1
21	832983	Lever, clutch	1	43	890808	Switch, starting safety	1
22	833277	Bearing, sleeve	1				

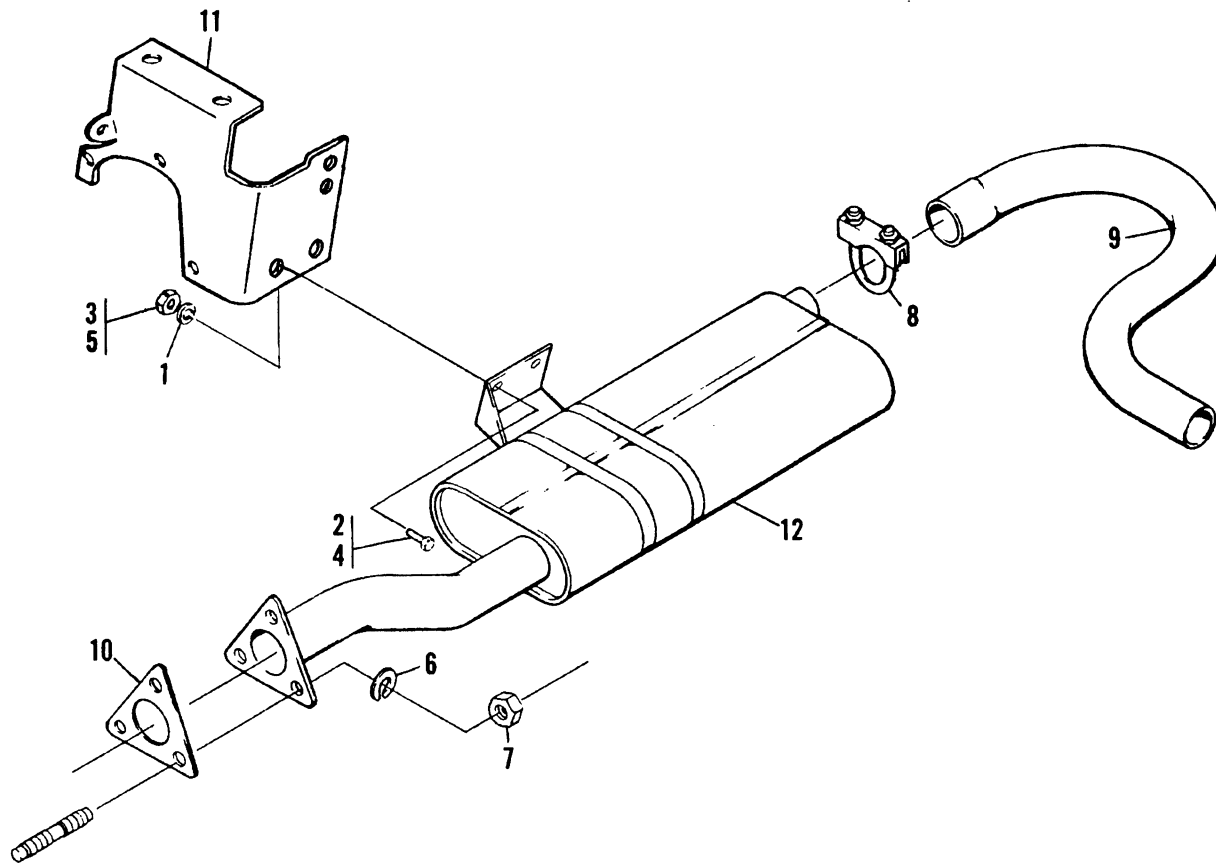
• INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN PRECEDING ASSEMBLY.

SHIFTER LINKAGE (327 ENGINE)



Ref. No.	Part No.	Description	No. Req'd.	Ref. No.	Part No.	Description	No. Req'd.
1	103867	Washer, 5/16	2	8	888694	Link, shifter (low and reverse)	1
2	120166	Lockwasher, 1/2	2	9	888697	Plate	1
3	301988	Nut, 1/2-20	2	10	888798	Transmission, complete	1
4	306328	Pin, cotter, 3/32 x 3/4	6	11	889281	Link, shifter (second and high)	1
5	306981	Washer, 3/8	6	12	889722	Rod, shifter (low and reverse)	1
6	800254	Washer, spring	4	13	889723	Rod, shifter (second and high)	1
7	833743	Link, shifter	2				

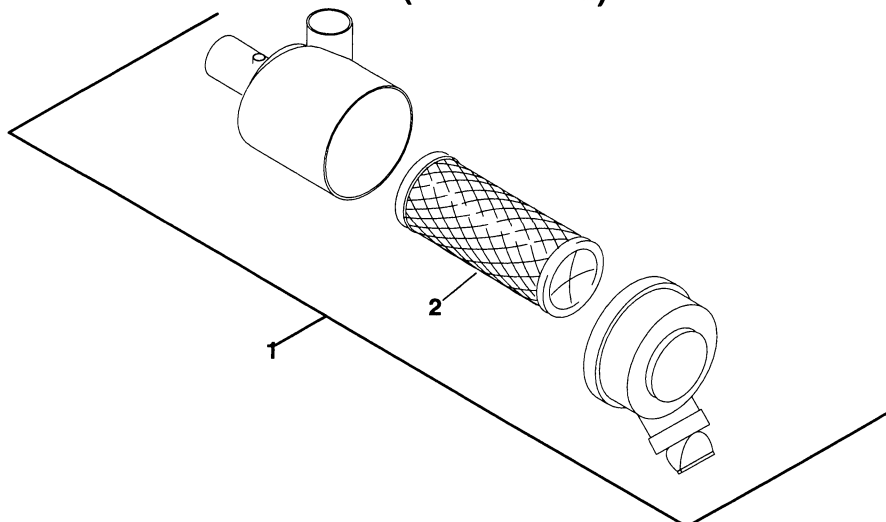
**EXHAUST SYSTEM
(MANUAL TRANSMISSION MODELS)
(327 ENGINE)**



Ref. No.	Part No.	Description	No. Req'd.	Ref. No.	Part No.	Description	No. Req'd.
1	306325	Lockwasher, 5/16"	4	7	800571	Nut, 10mm x 1.25, grade 8	3
2	306435	◇Screw, 5/16-18 x 1 1/4"	4	8	813688	Clamp, tubing	1
3	306932	◇Nut, 5/16-18	4	9	833188	Tailpipe	1
4	548604	◇Screw, 5/16-18 x 3/4"	2	10	833208	Gasket, exhaust	1
		flangelock	2	11	884985	Support, parking brake	1
5	548911	◇Nut, 5/16-18, whizlock	2	12	888332	Muffler, complete	1
6	800488	Lockwasher, 10mm	3				

◇ Replace with the same size and type hardware that was removed.

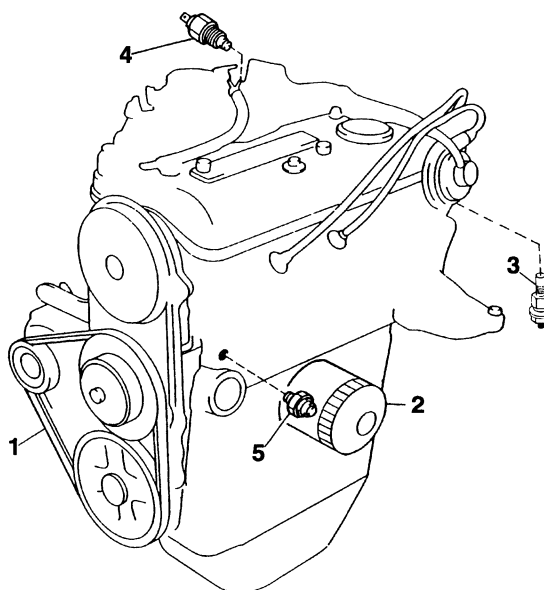
AIR FILTER (327 ENGINE)



Ref. No.	Part No.	Description	No. Req'd.	Ref. No.	Part No.	Description	No. Req'd.
1	892679	Air Filter, complete	1	2	840352	•Element, air filter	1

• INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN PRECEDING ASSEMBLY

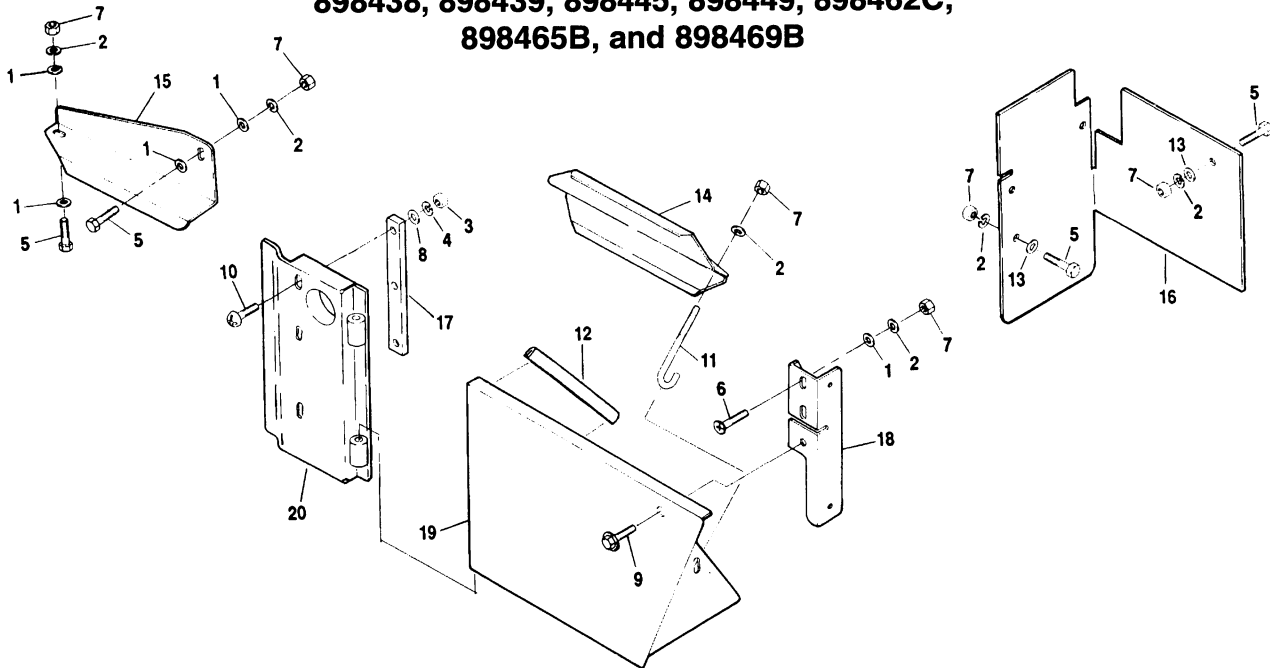
SWITCHES (327 ENGINE)



Ref. No.	Part No.	Description	No. Req'd.	Ref. No.	Part No.	Description	No. Req'd.
1	833085	Belt, V	1	4	888566	Switch, radiator temperature	1
2	833438	Filter, oil	1	5	888567	Switch, oil pressure	1
3	833615	Sender, water temperature	1				

SWING OUT BATTERY BOX AND SPLASH GUARD MODELS

**898438, 898439, 898445, 898449, 898462C,
898465B, and 898469B**

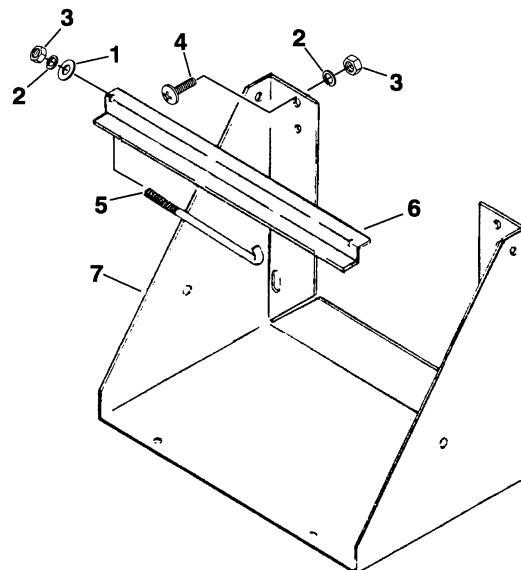


Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	103867	Washer, 5/16	6	11	812313	'J' bolt, battery holddown	2
2	306325	Lockwasher, 5/16	10	12	821893	Trim, 12' (3.6 M)	As Req'd
3	306375	Nut, 1/4-20	3	13	825128	Washer, special	4
4	306396	Lockwasher, 1/4	3	14	837667	Bracket, holddown	1
5	306416	Screw, 5/16-18 x 1	6	15	837689	Bracket, battery support	1
6	306450	Screw, 5/16-18 x 3/4	2	16	837690	Panel, splash	1
7	306932	Nut, 5/16-18	10	17	838758	Spacer	1
8	308090	Washer, 1/4	3	18	891007	Bracket, latch	1
9	548902	Screw, 5/16-18 x 1, flangelock	1	19	891004	Compartment, battery	1
10	800017	Screw, 1/4-20 x 1, P.T.H.	3	20	891003	Bracket, inlet duct	1

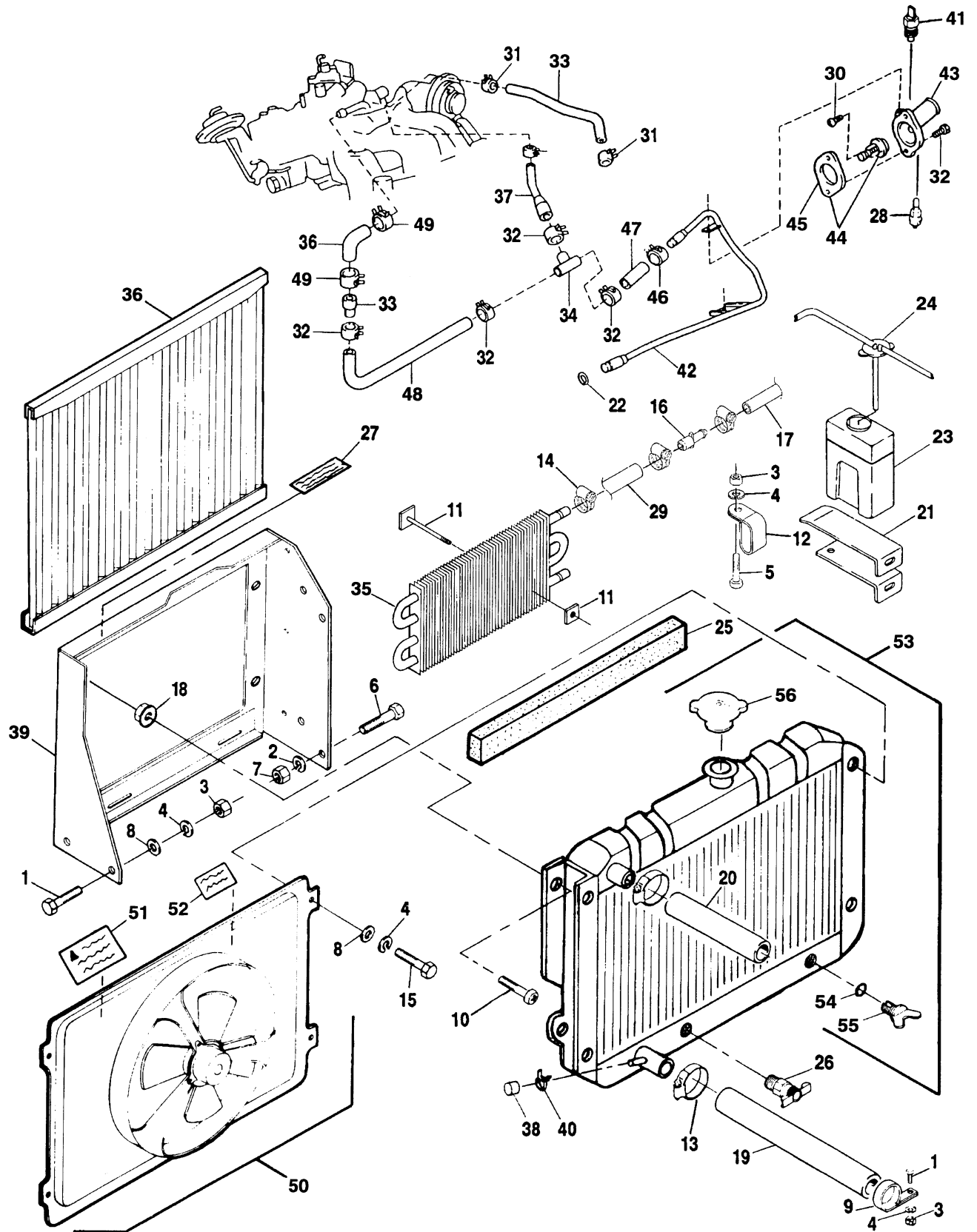
BATTERY CARRIER and HOLDDOWN

**MODELS: 898536, 898537, 898630A, 898632B,
898635A, 898636 and 898637**

Ref No.	Part No.	Description	No. Req'd.
1	103867	Washer, 5/16	2
2	306325	Lockwasher, 5/16	6
3	306932	Nut, 5/16-18	6
4	800177	Screw, 5/16-18 x 3/4, P.T.H.	4
5	812313	Bolt, battery hook	2
6	815847	Angle, battery holddown	1
7	822968	Carrier, battery	1



RADIATOR AND WATER OUTLET (327 ENGINE)



RADIATOR AND WATER OUTLET (327 ENGINE)

Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	300646	Screw, 1/4-20 x 3/4"	3	29	834028	Hose	As Req'd.
2	306325	Lockwasher, 5/16"	2	30	837081	Screw, thermostat	1
3	306375	Nut, 1/4-20	4	31	834813	Clip	3
4	306396	Lockwasher, 1/4"	8	32	837086	Screw, M8 x 1.25 x 23	2
5	306419	Screw, 1/4-20 x 1/2"	1	33	837538	Hose	1
6	306450	Screw, 5/16-18 x 3/4"	2	34	834817	Tee	1
7	306932	Nut, 5/16-18	2	35	838340	Cooler, oil (ATM)	1
8	308090	Washer, 1/4"	6	36	888449	Screen	1
9	523213	Clip, cushioned	1	37	834820	Hose	1
10	800177	Screw, 5/16-18 x 3/4" P.T.H.	4	38	834821	Plug, hose	1
11	800789	Kit, oil cooler mounting	1	39	888497	Mount, radiator	1
12	817320	Clamp	1	40	834825	Clamp, hose	1
13	820889	Clamp	2	41	888566	Switch, fan fan control	1
14	825624	Clamp	8	42	836409	Pipe, water by-pass	1
15	828162	Bolt, M6 x 1.00 x 16mm	4	43	836974	Outlet, water	1
16	830219	Connector	2	44	836975	Thermostat	1
17	830425	Hose	As Req'd.	45	833445	•Gasket, water outlet	1
18	831846	Nut, isolation	4	46	836991	Clip	1
19	833075	Hose, radiator (lower)	1	47	836992	Hose	1
20	833076	Hose, radiator (upper)	1	48	836993	Hose	1
21	833376	Bracket, bottle	1	49	836996	Clip	2
22	833441	O-ring	1	50	888748	Fan, complete	1
23	889050	Reservoir, coolant	1	51	832130	•Decal, safety	1
24	889051	Cap, coolant reservoir	1	52	833607	•Decal, safety	1
25	833512	Foam	1	53	889048	Radiator, complete	1
26	833513	Drain cock	1	54	833442	•O-ring	1
27	833610	Decal, information	1	55	833443	•Plug, drain cock	1
28	833615	Sender, water temperature	1	56	889049	•Cap, radiator	1

• INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN PREVIOUS ASSEMBLY.

DECALS

2

THIS UNIT IS NOT A MOTOR VEHICLE WITHIN THE DEFINITION OF THE NATIONAL TRAFFIC MOTOR VEHICLE SAFETY ACT. IT IS NOT DESIGNED OR MANUFACTURED FOR USE ON ROADS, STREETS, AND HIGHWAYS, NOR IS IT APPROPRIATE FOR SUCH USE. IT IS NOT MEANT TO BE LICENSED AS A MOTOR VEHICLE.

821071

14

HYDRAULIC CONTROL

832426

12

HAND THROTTLE

15

WARNING

DO NOT INSTALL 5TH WHEEL BALL HITCH ACCESSORY 888623 ON THIS VEHICLE. FOR 5TH WHEEL IMPLEMENT ATTACHMENT USE 890170 HITCH ACCESSORY. USE OF INCORRECT HITCH ACCESSORY COULD RESULT IN VEHICLE INSTABILITY.

837406

5

WARNING

FAILURE TO OBEY THESE WARNINGS MAY RESULT IN PERSONAL OR FATAL INJURY TO YOU OR OTHERS AND MAY ALSO RESULT IN EQUIPMENT AND/OR PROPERTY DAMAGE. NEVER ALLOW UNTRAINED OR IMPROPERLY TRAINED PERSONNEL TO OPERATE THIS EQUIPMENT WITHOUT SUPERVISION. THIS UNIT IS NOT A MOTOR VEHICLE. IT IS NOT DESIGNED OR MANUFACTURED FOR USE ON ROADS, STREETS, AND HIGHWAYS, NOR IS IT APPROPRIATE FOR SUCH USE. IT IS NOT MEANT TO BE LICENSED AS A MOTOR VEHICLE. IT IS NOT DESIGNED OR MANUFACTURED FOR USE ON ROADS, STREETS, AND HIGHWAYS, NOR IS IT APPROPRIATE FOR SUCH USE. IT IS NOT MEANT TO BE LICENSED AS A MOTOR VEHICLE.

821071

4

WARNING

CLEAN MASTER CYLINDER FILLER CAP BEFORE REMOVING. CONTAMINATES MAY CAUSE BRAKE FAILURE. USE ONLY D.O.T. 3 FLUID FROM A SEALED CONTAINER.

825622

6

7

WARNING

FAILURE TO OBEY A SAFETY WARNING MAY RESULT IN INJURY TO YOU OR OTHERS. THIS VEHICLE IS OF SUFFICIENT SIZE AND WEIGHT TO CAUSE SERIOUS INJURY IN CASE OF UPSET OR COLLISION.

BEFORE STARTING ENGINE: Read operator's manual (located under seat). Do not exceed seating capacity given on vehicle name plate or permit passenger any place on vehicle except seat. Use hand brake. Place heavy loads forward of rear axle. Unbalanced or too heavy loads can cause upset. Carrying ability of a 3 wheel vehicle is not as great as a 4 wheel vehicle.

WHILE OPERATING VEHICLE: Remain seated; use both hands for steering. Keep arms and legs within vehicle body. Avoid sudden starts and stops. Sudden stops can cause upset. Regulate speed to meet road and weather conditions. Do not operate in or near an explosive environment. If a malfunction occurs, cease operation. Do not operate vehicle until condition is corrected.

BEFORE LEAVING VEHICLE: Turn ignition to "OFF" position—remove key. Apply parking brake—parking brake is not automatically applied. Follow procedure in Operator's Manual for parking on an incline.

826307

10

WARNING

DO NOT DRIVE VEHICLE WITH ENGINE SPEED INCREASED BY HAND THROTTLE. LOSS OF VEHICLE CONTROL MAY RESULT.

11

LOW SAFETY WARNING HI

THE PARKING BRAKE WILL NOT STOP OR HOLD THIS VEHICLE WHEN THE AUXILIARY TRANSMISSION IS NOT FULLY ENGAGED

838695

1

WARNING ALTERNATOR-BATTERY SERVICE

THIS IS A NEGATIVE GROUND SYSTEM. A VOLTAGE MAY BE DETECTED WHEN THE ALTERNATOR OR BATTERY IS REPAIRED OR WHEN THE CONNECTIONS ARE MADE. ALWAYS WEAR PROTECTIVE GEAR WHEN WORKING ON THE BATTERY. ALWAYS DISCONNECT THE BATTERY BEFORE WORKING ON THE ELECTRICAL SYSTEM.

81634

3

WARNING

APPLY HAND BRAKE OR FOOT BRAKE - PARKING BRAKES ARE NOT AUTOMATICALLY APPLIED

9

WARNING

FAILURE TO OBEY A WARNING MAY RESULT IN INJURY TO YOU OR OTHERS. THIS VEHICLE IS OF SUFFICIENT SIZE AND WEIGHT TO CAUSE SERIOUS INJURY IN CASE OF UPSET OR COLLISION.

BEFORE STARTING ENGINE: Read operator's manual (located under seat). Do not exceed seating capacity given on vehicle name plate or permit passenger any place on vehicle except seat. Use hand brake. Place heavy loads forward of rear axle. Unbalanced or too heavy loads can cause upset. Carrying ability of a 3 wheel vehicle is not as great as a 4 wheel vehicle.

WHILE OPERATING VEHICLE: Remain seated; use both hands for steering. Keep arms and legs within vehicle body. Avoid sudden starts and stops. Sudden stops can cause upset. Regulate speed to meet road and weather conditions. Do not operate in or near an explosive environment. If a malfunction occurs, cease operation. Do not operate vehicle until condition is corrected.

BEFORE LEAVING VEHICLE: Turn ignition to "OFF" position—remove key. Apply parking brake—parking brake is not automatically applied. Follow procedure in Operator's Manual for parking on an incline.

826620

19

WARNING

KEEP HANDS CLEAR. ELECTRIC FAN MAY ENGAGE WITHOUT WARNING, EVEN WITH IGNITION OFF

838677

17

POWER TAKE-OFF

ENGAGE PULL OUT KNOB TO ENGAGE
OFF POWER TAKE-OFF

838695

13

WARNING

TO PREVENT POSSIBLE SEVERE BURNS TO YOU OR OTHERS, DO NOT REMOVE PRESSURE CAP WHEN HOT. CONTENTS UNDER PRESSURE. CHECK AND ADD FLUID AT RESERVOIR.

832130

18

WARNING

BE CERTAIN AUXILIARY TRANSMISSION IS FULLY ENGAGED BEFORE APPLYING PARKING BRAKE. PARKING BRAKE WILL NOT STOP OR HOLD VEHICLE WHEN THE AUXILIARY TRANSMISSION IS NOT FULLY ENGAGED

838700

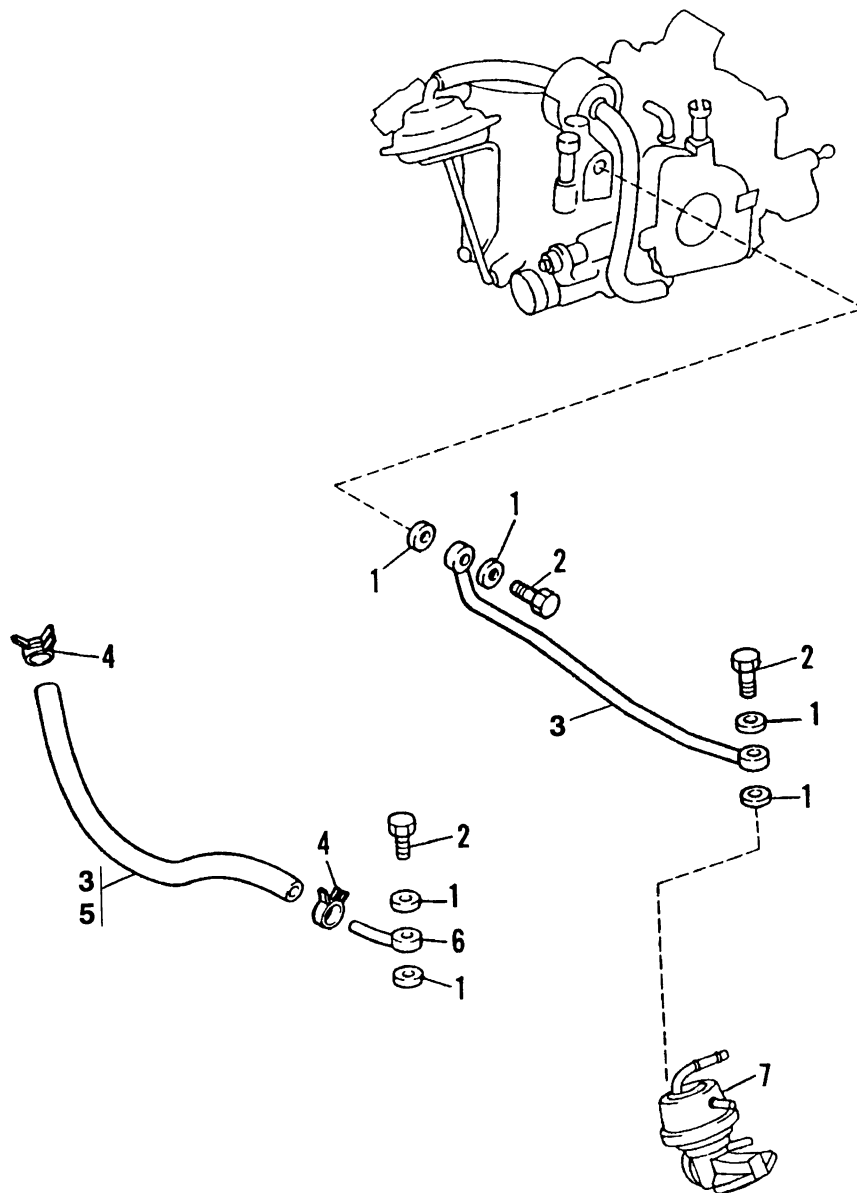
16

AUXILIARY TRANSMISSION

838695

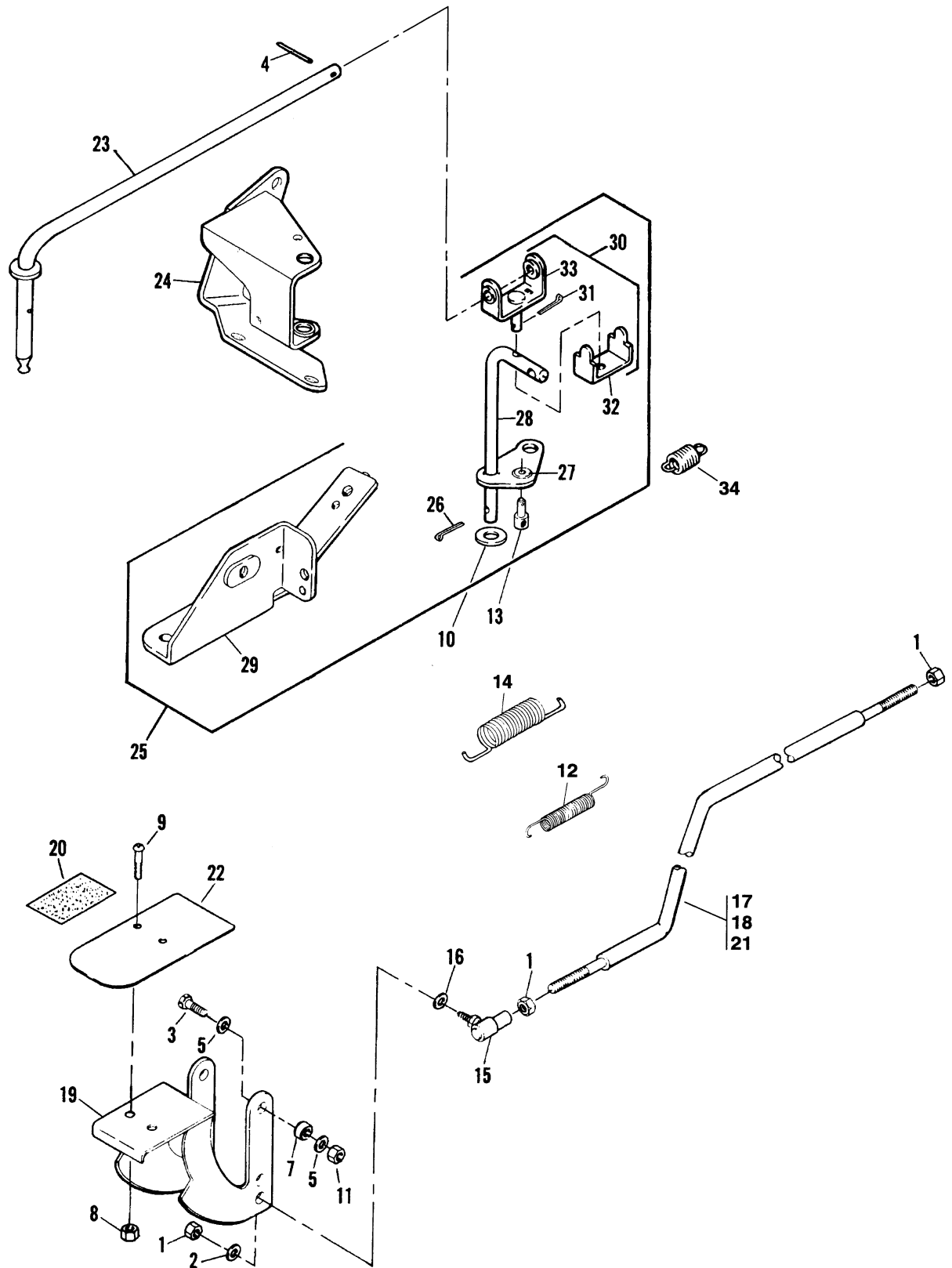
Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	816991	Decal, alternator warning	1	11	828081	Decal, auxiliary transmission	1
2	821071	Decal, identification	1	12	828082	Decal, governor and throttle	1
3	822819	Decal, park beake warning	1	13	832130	Decal, radiator pressure	1
4	825622	Decal, brake fluid warning	1	14	832426	Decal, hydraulic control	1
5	825629	Decal, operation safety	1	15	837406	Decal, hitch safety	1
6	825912	Decal, shift pattern	1	16	838695	Decal, auxiliary transmission	1
7	826307	Decal, operation safety	1	17	838696	Decal, power take-off	1
8	826538	Decal, hydraulic system safety	1	18	838700	Decal, warning (aux. trans.)	1
9	826620	Decal, operation safety	1	19	833607	Decal, fan warning	1
10	826728	Decal, throttle safety	1				

FUEL PIPE AND CLAMP (327 ENGINE)



Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	833472	Gasket (calif. spec.)	2	4	834922	Clip, hose (calif. spec.)	2
	833472	Gasket (std. spec.)	4	5	834923	Hose, fuel (calif. spec.)	1
2	833473	Bolt, union (std. spec.)	2	6	834924	Connector (calif. spec.)	1
	833473	Bolt, union (calif. spec.)	1	7	892940	Kit, fuel pump	1
3	889978	Pipe, fuel (both specifications)	1				

FOOT THROTTLE and LINKAGE 327 ENGINE



FOOT THROTTLE and LINKAGE 327 ENGINE

Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	306320	Nut, 5/16-24	3	19	833428	Pedal, throttle	1
2	306325	Lockwasher, 5/16	1	20	833600	Tread, pedal	1
3	306414	Screw, 3/8-16 x 1	2	21▽	834091	Rod, throttle	1
4	306966	Pin, roll, 1/8 x 3/4"	1	22◇	835270	Pad, throttle pedal	1
5	306981	Washer, 3/8	4	23	888530	Rod, control	1
6*	320107	Tie, cable 7" (178 mm)	1	24	888554	Bracket	1
7	521679	Bushing	2	25	889021	Throttle assembly	1
8	800053	Nut, lock, #10-24	2	26	306372	●Pin, cotter, 3/32 x 3/4	1
9	800271	Screw, #10-24 x 1/2 P.T.H.	2	27	813007	●Bushing	1
10	800254	Washer, wavy	1	28	889018	●Shaft	1
11	800292	Nut, centerlock, 3/8-16	2		892448	●Shaft, models 898630A, 898632B and 898635A	1
12	817119	Spring	1	29	889179	●Bracket	1
13	817495	Pin, connecting	1	30	890001	●Kit, throttle bracket	1
14	817707	Spring	1	31	306463	●●Pin, cotter, 1/16 x 1/2	1
15	825368	End, control rod	1	32	836730	●●Retainer, throttle bracket	1
16	830165	Bushing	1	33	◇◇	●●Bracket, throttle	1
17 ^f	833109	Rod, throttle	1	34	818092	Spring	1
18†	833144	Rod, throttle	1				

• INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN THE PRECEDING ASSEMBLY.

* Not Illustrated.

^f Model 898630A

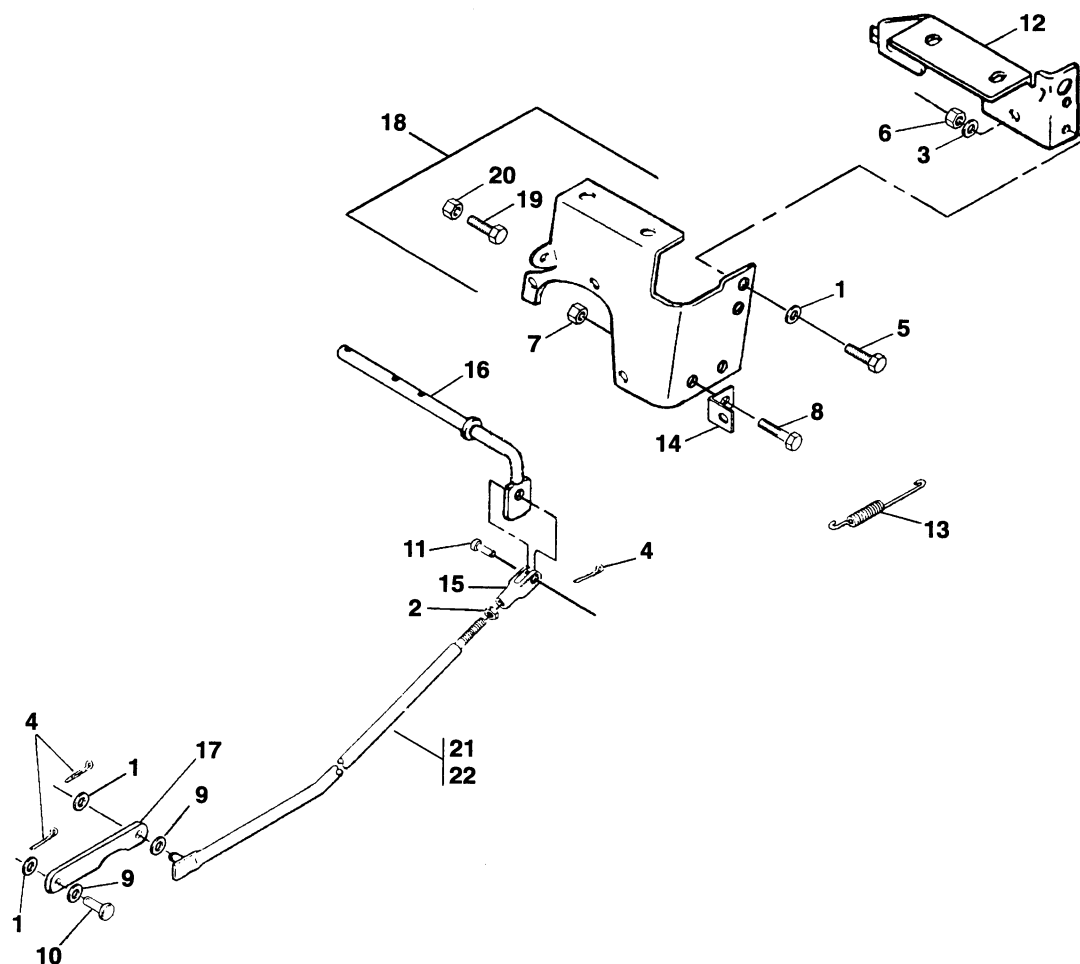
† Models 898465B and 898635A

▽ Models 898632B, 898462C and 898469B

◇ Models 898630A and 898632B

◇◇ Not Offered Separately

CLUTCH LINKAGE 327 ENGINE



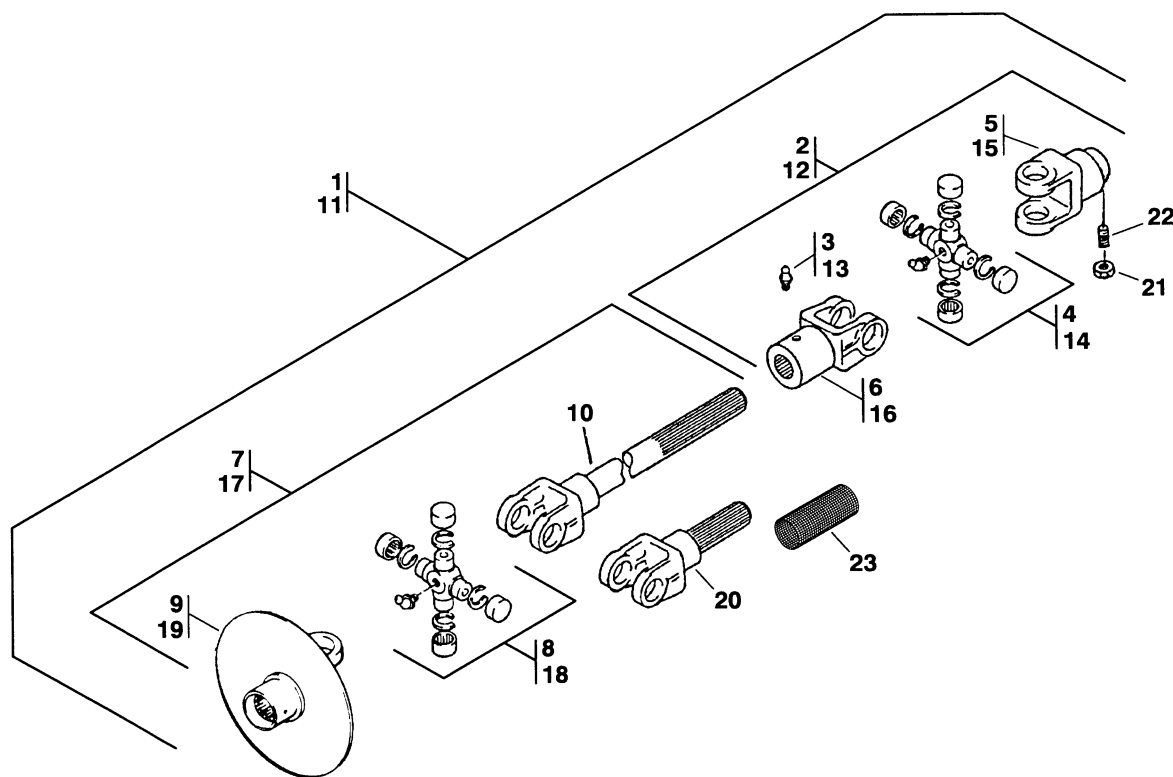
Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	103867	Washer, 5/16	4	12	825590	Bracket, parking brake	1
2	306319	Nut, 3/8 x 24	1	13	825918	Spring	1
3	306325	Lockwasher, 5/16	2	14	830708	Bracket, clutch return spring	1
4	306328	Pin, cotter, 3/32 x 3/4"	3	15	831297	Yoke, adjusting	1
5	306416	Screw, 5/16-18 x 1	2	16	832983	Lever, clutch	1
6	306932	Nut, 5/16-18	2	17	833321	Link, clutch,	1
7	548911	Nut, 5/16-18	2	18	884985	Support, parking brake	1
8	548604	Screw, 5/16-18 x 3/4	2	19	301431	•Screw, 3/6-16 x 2 1/2	1
9	800254	Washer, spring	2	20	800292	•Nut, lock, 3/8-16	1
10	812360	Pin, clevis, 5/16	1	21▽	888331	Rod, clutch	1
11	814079	Pin, clevis	2	22◇	888806	Rod, clutch	1

• INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN THE PRECEDING ASSEMBLY.

▽ Models 898632B, 898462C, 898630A, 898469B and 898365A

◇ Model 898465A

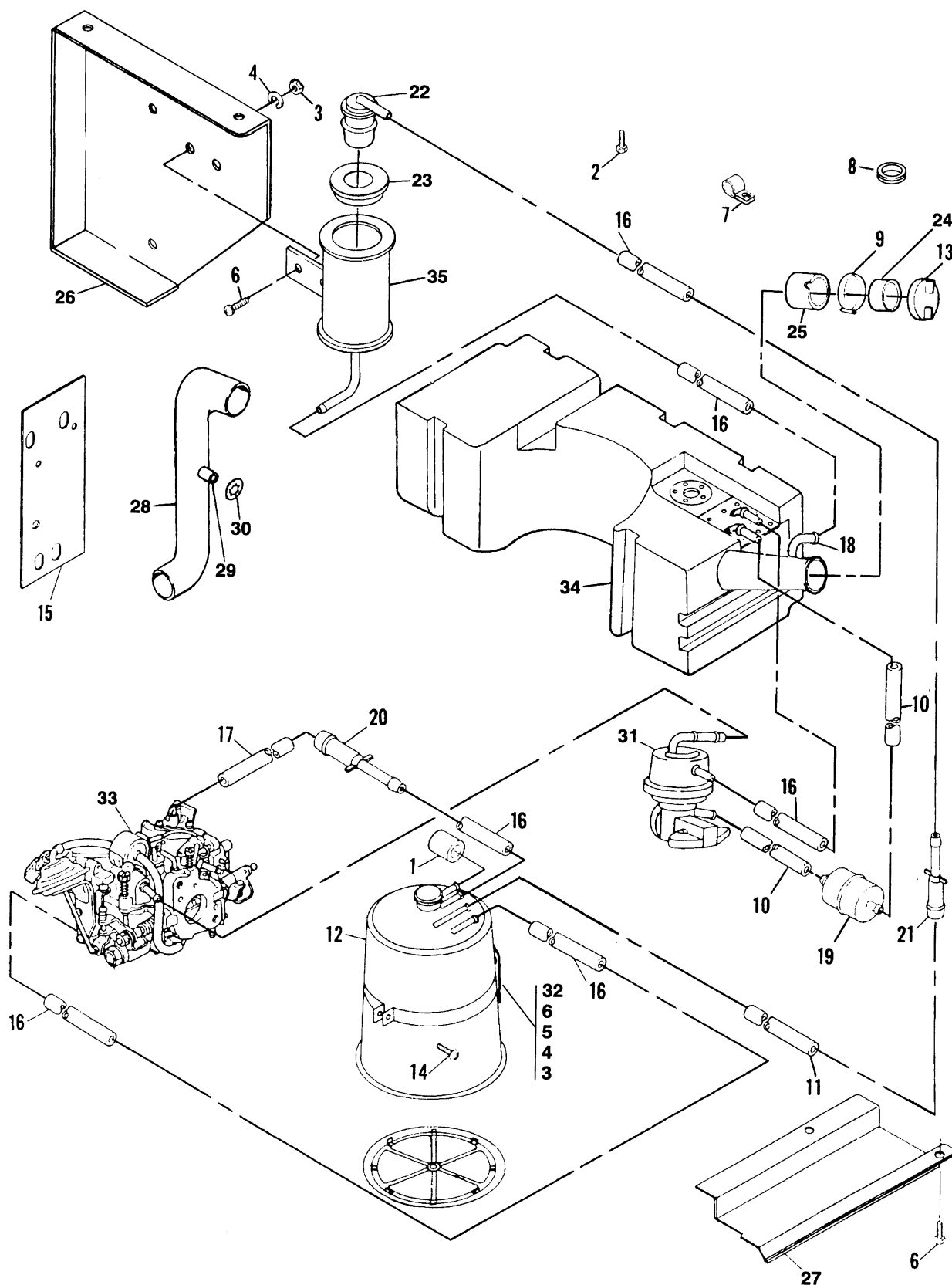
**DRIVE SHAFT
MODELS**
**898438, 898439, 898445, 898449, 898462C, 898465B,
898469B and 898635A**



Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	888615	Drive shaft complete, models 898439, 898449, 898469B	1	(10)	888317	••Yoke and shaft, models 898438, 898445, 898462C and 898465B	1
	888613	Drive shaft complete, models 898438, 898445, 898462C and 898465B	1	11	892736	Drive shaft complete, model 898635A	1
2	892649	•U-joint, shaft, and yoke (rear)	1	12	892649	•U-joint, shaft, and yoke (rear)	1
3	807439	••Fitting, lubrication, 1/4-28	1	13	807439	••Fitting, lubrication, 1/4-28	1
4	826284	••Kit, drive shaft repair	1	14	826284	••Kit, drive shaft repair	1
5	826285	••Yoke	1	15	826285	••Yoke	1
6	840245	••Yoke, universal	1	16	840245	••Yoke, universal	1
7	888410	•U-joint shaft, disc and yoke (front), models 898439, 898449, and 898469B	1	17	892734	•U-joint shaft, disc and yoke, (front), model 898635A	1
	888411	•U-joint shaft, disc and yoke (front), 898438, 898445, 898462C and 898465B	1	18	826284	••Kit, drive shaft repair	1
8	826284	••Kit, drive shaft repair	1	19	885783	••Yoke and disc	1
9	885783	••Yoke and disc	1	20	892650	••Yoke and shaft,	1
10	888333	••Yoke and shaft, models 898439, 898449, 898469B	1	21	304632	Nut, 3/8-16	1
				22	800289	Screw, set, 3/8-16 x 3/4	1
				23	837450	Sleeve, nylon, model 898635A	1

• INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN THE PRECEDING ASSEMBLY.

**CALIFORNIA ON-ROAD FUEL SYSTEM
CARBURETOR MOD. 744
MODEL 898465B**



**CALIFORNIA ON-ROAD FUEL SYSTEM
CARBURETOR MOD. 744
MODEL 898465B**

Ref. No.	Part No.	Description	No. Req'd.	Ref. No.	Part No.	Description	No. Req'd.
1	133835	Plug	2	19	832774	Filter, fuel	1
2	300646	Screw, 1/4-20 x 3/4	1	20	834036	Connector, hose	1
3	306375	Nut, 1/4-20	11	21	834037	Connector, hose	1
4	306396	Lockwasher, 1/4	11	22	837037	Valve	1
5	308090	Washer, 1/4	11	23	837038	Seal	1
	320107	Tie, wire, 7" (178 mm)	20	24	837283	Insert, fuel	1
6	800017	Screw, 1/4-20 x 1 P.T.H.	10	25	837284	Hose, fuel filler neck	1
7	814924	Clamp	1	26	837559	Mount, canister	1
8	816332	Grommet	1		838658	Decal, C.A.R.B. 1994	1
9	825358	Clamp	1	27	886755	Channel	1
10	826590	Hose, fuel	As Req'd.	28	888389	Hose	1
11	827788	Hose, fuel	As Req'd.	29	522009	•Bushing	1
12	829151	Canister	1	30	800569	•Ring, external retaining	1
13	829157	Cap	1	31	888569	Pump, fuel	1
14	830220	Screw, #12 x 2 P.T.H. tapping	1	32	889077	Bracket and strap	1
15	830248	Cover	1	33	889085	Carburetor	1
16	830425	Hose, fuel	As Req'd.	34	890144	Fuel tank, complete	1
17	831039	Hose, fuel	As Req'd.	35	890755	Reservoir, check valve	1
18	831205	Elbow, fuel pick-up	1				

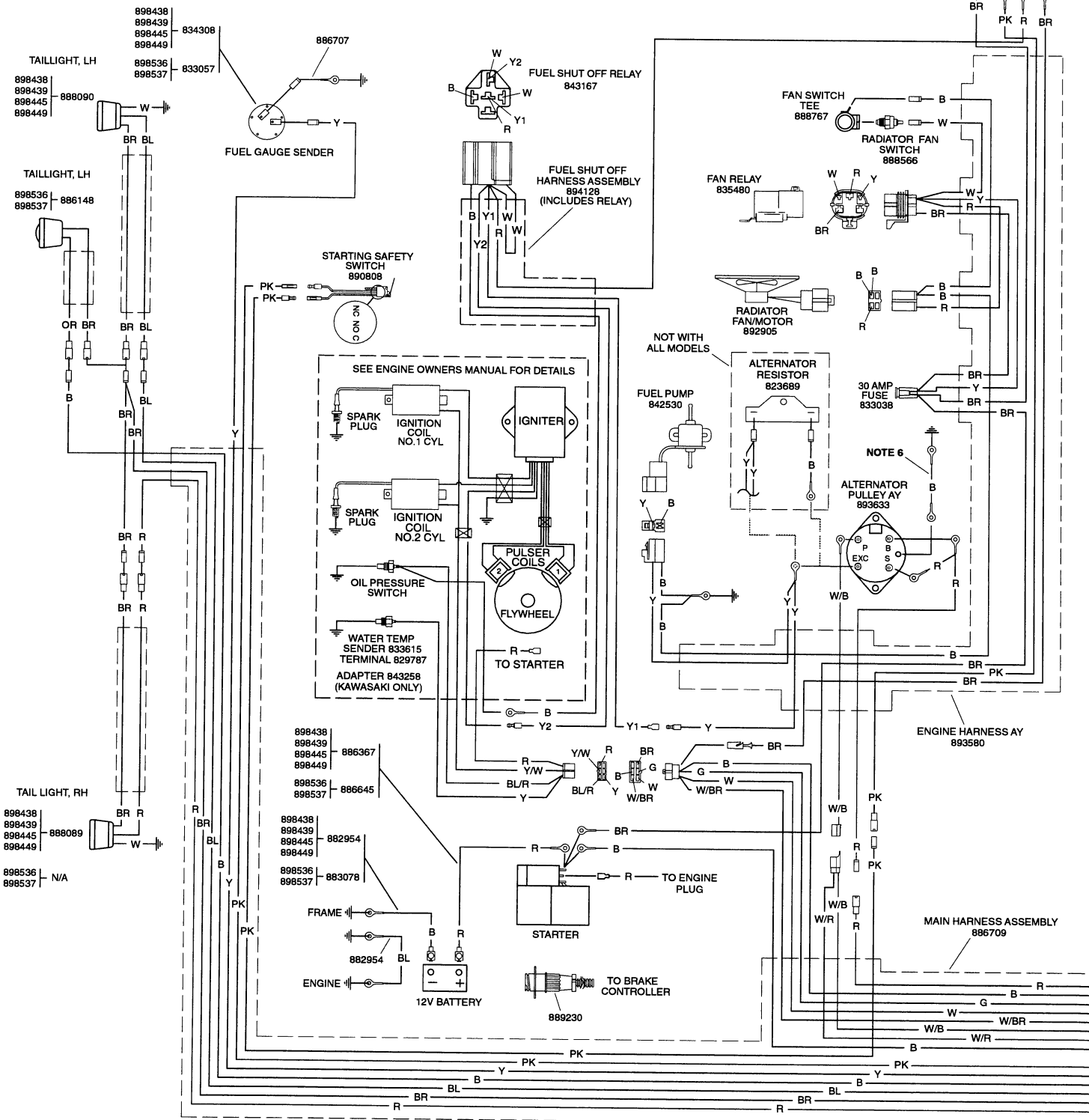
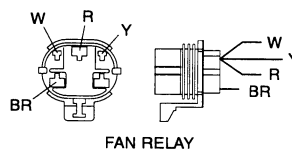
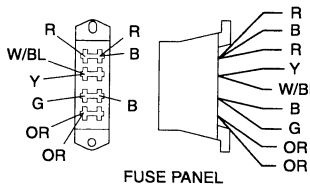
• INDENTED PART NAMES INDICATE THESE PARTS ARE INCLUDED IN PRECEDING ASSEMBLY

KAWASAKI WIRING DIAGRAM

COLOR CODE:

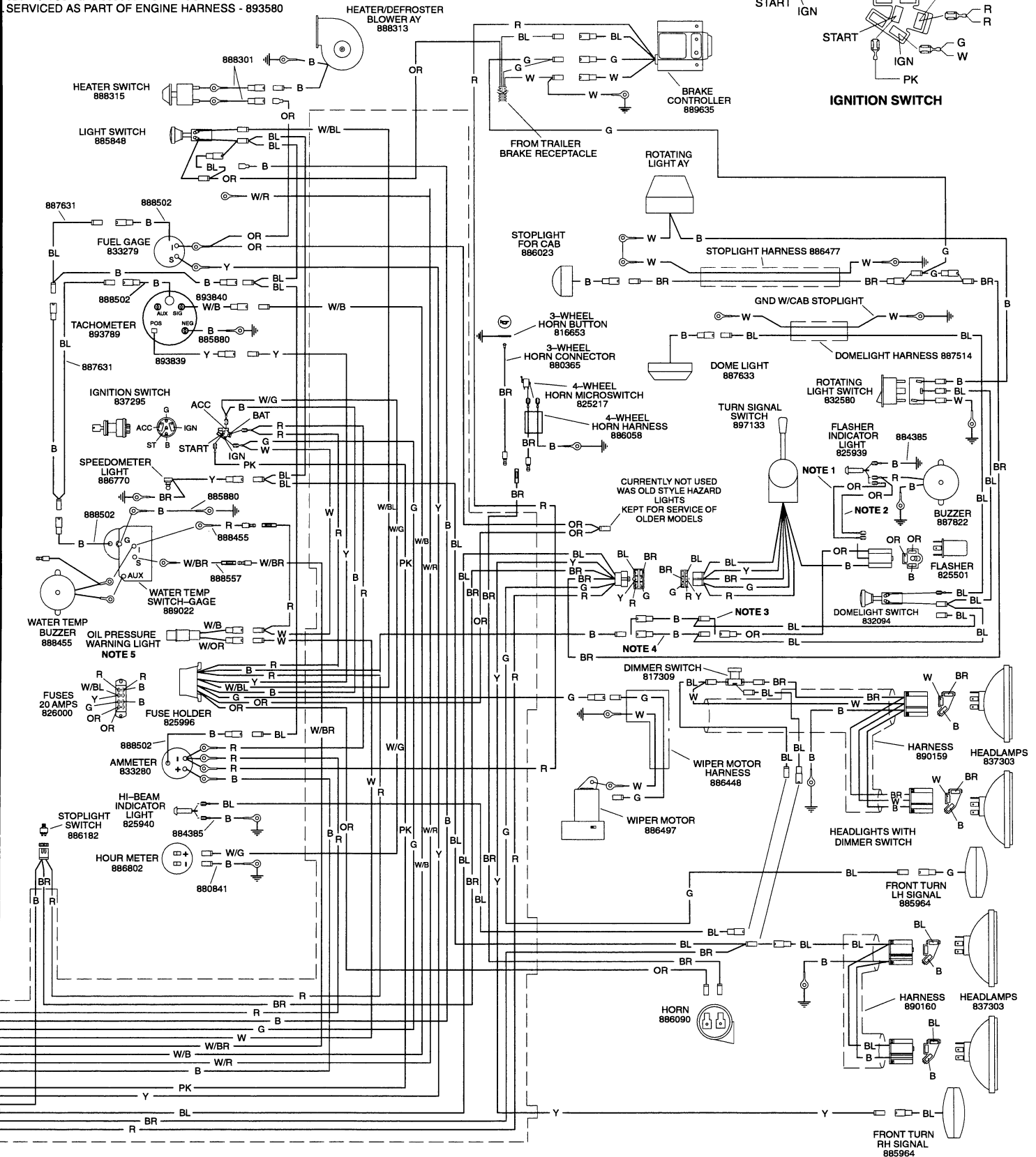
B - BLACK
BL - BLUE
BR - BROWN
G - GREEN
OR - ORANGE
PK - PINK
R - RED
W - WHITE

W/B - WHITE W/BLACK STRIPE
W/BL - WHITE W/BLUE STRIPE
W/BR - WHITE W/BROWN STRIPE
W/G - WHITE W/GREEN STRIPE
W/R - WHITE W/RED STRIPE



KAWASAKI WIRING DIAGRAM (con't.)

NOTES:
WIRE AY WITHOUT BUZZER - 887247
WIRE AY WITH BUZZER - 887822
DOME LIGHT HARNESS WITHOUT ROTATING LIGHT - 887631
DOME LIGHT HARNESS WITH ROTATING LIGHT - 888168
WARNING LIGHT PARTS - 828470 LENSE, 828471 GASKET,
828473 BULB and 885999 LIGHT ASSEMBLY
SERVICED AS PART OF ENGINE HARNESS - 893580

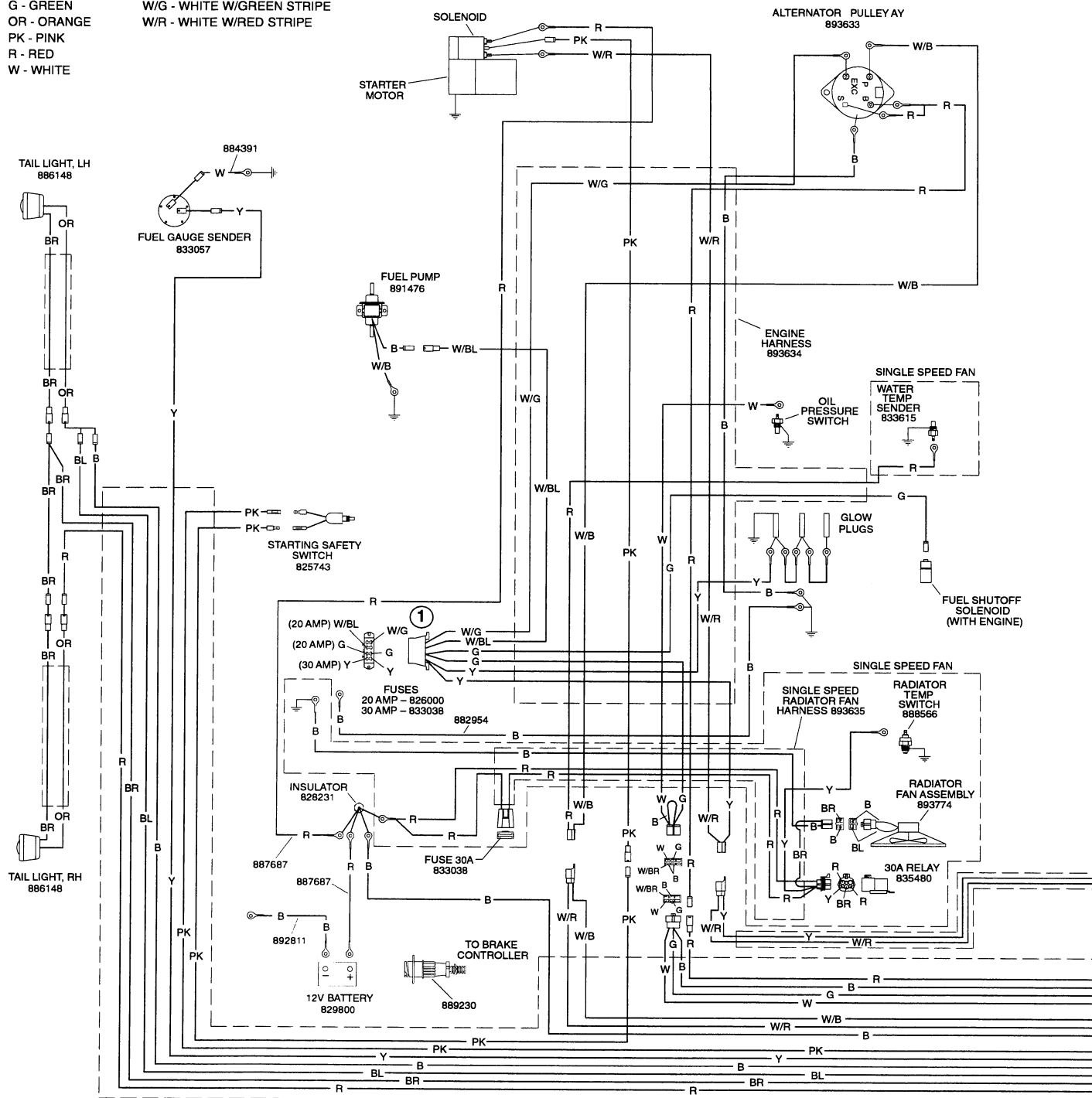


PERKINS DIESEL WIRING DIAGRAM

COLOR CODE:

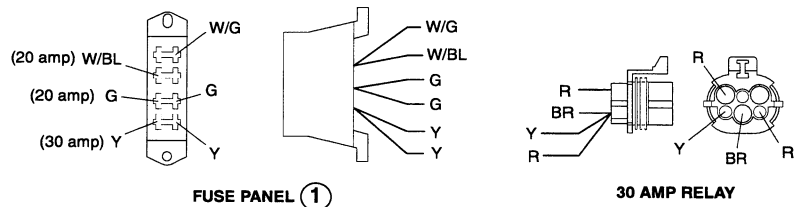
B - BLACK
BL - BLUE
BR - BROWN
G - GREEN
OR - ORANGE
PK - PINK
R - RED
W - WHITE

W/B - WHITE W/BLACK STRIPE
W/BL - WHITE W/BLUE STRIPE
W/BR - WHITE W/BROWN STRIPE
W/G - WHITE W/GREEN STRIPE
W/R - WHITE W/RED STRIPE

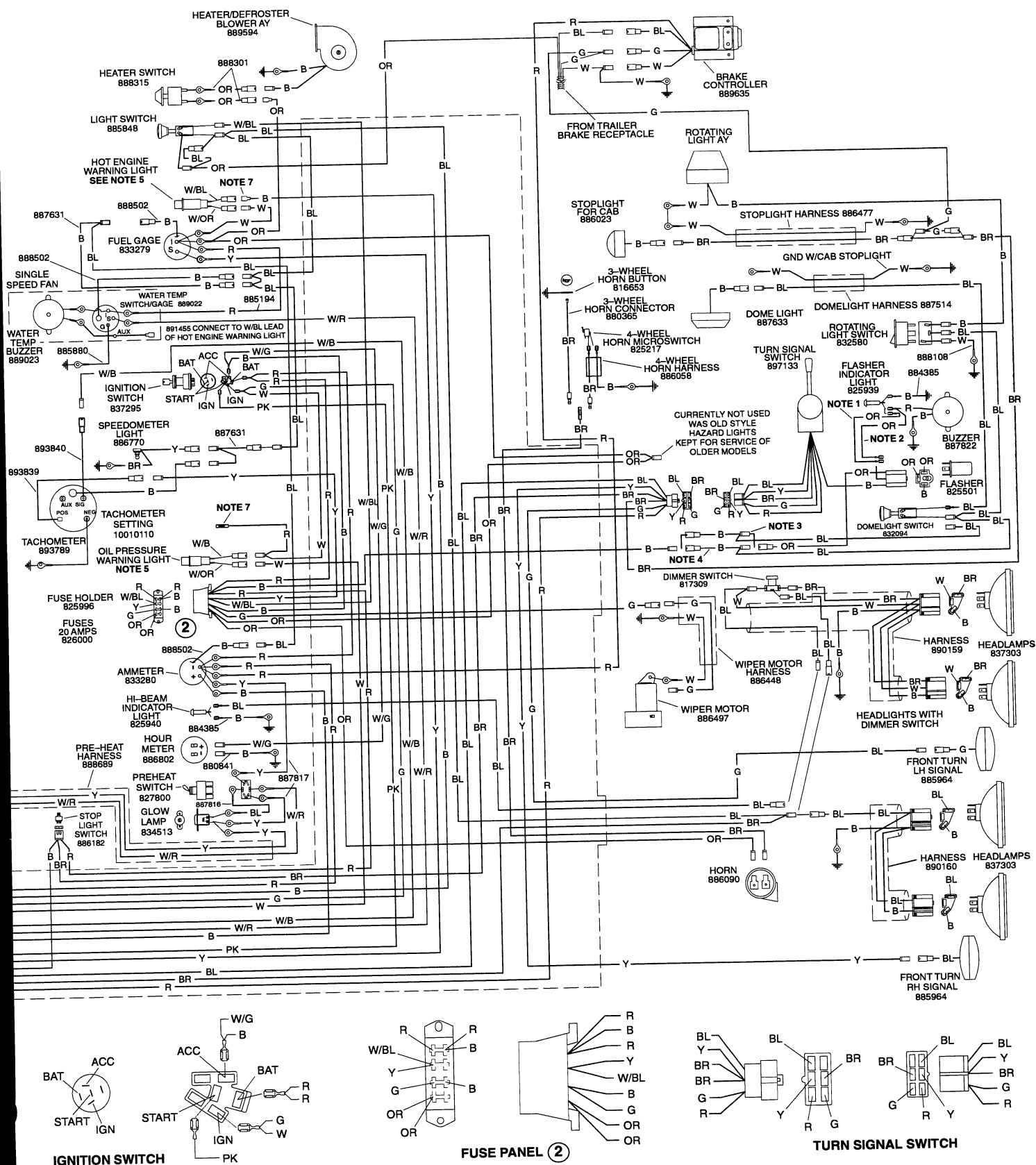


NOTES:

1. WIRE AY WITHOUT BUZZER - 887247
2. WIRE AY WITH BUZZER - 887822
3. DOMELIGHT HARNESS WITHOUT ROTATING LIGHT - 887631
4. DOME LIGHT HARNESS WITH ROTATING LIGHT - 888168
5. WARNING LIGHT PARTS - 828470 LENSE, 828471 GASKET, 828473 BULB and 885999 LIGHT ASSEMBLY
6. FOR STOPLIGHT ONLY. CONNECT ORANGE WIRE TO BLACK WIRE FOR TURN SIGNAL ACCESSORY CONNECT ORANGE WIRE TO BLUE WIRE
7. NOT USED WITH SINGLE SPEED FAN



PERKINS DIESEL WIRING DIAGRAM (con't.)



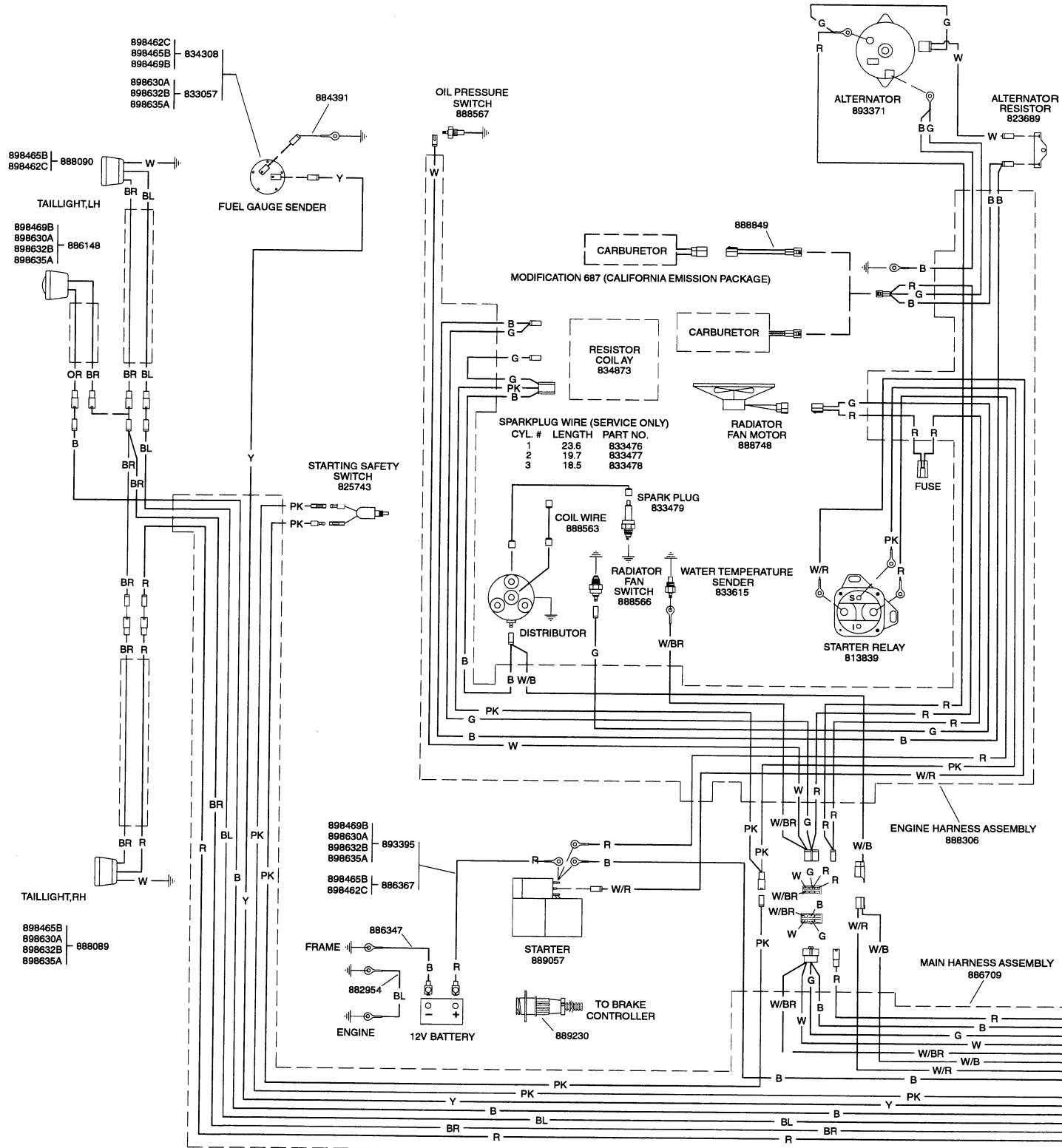
327 ENGINE WIRING DIAGRAM

COLOR CODE:

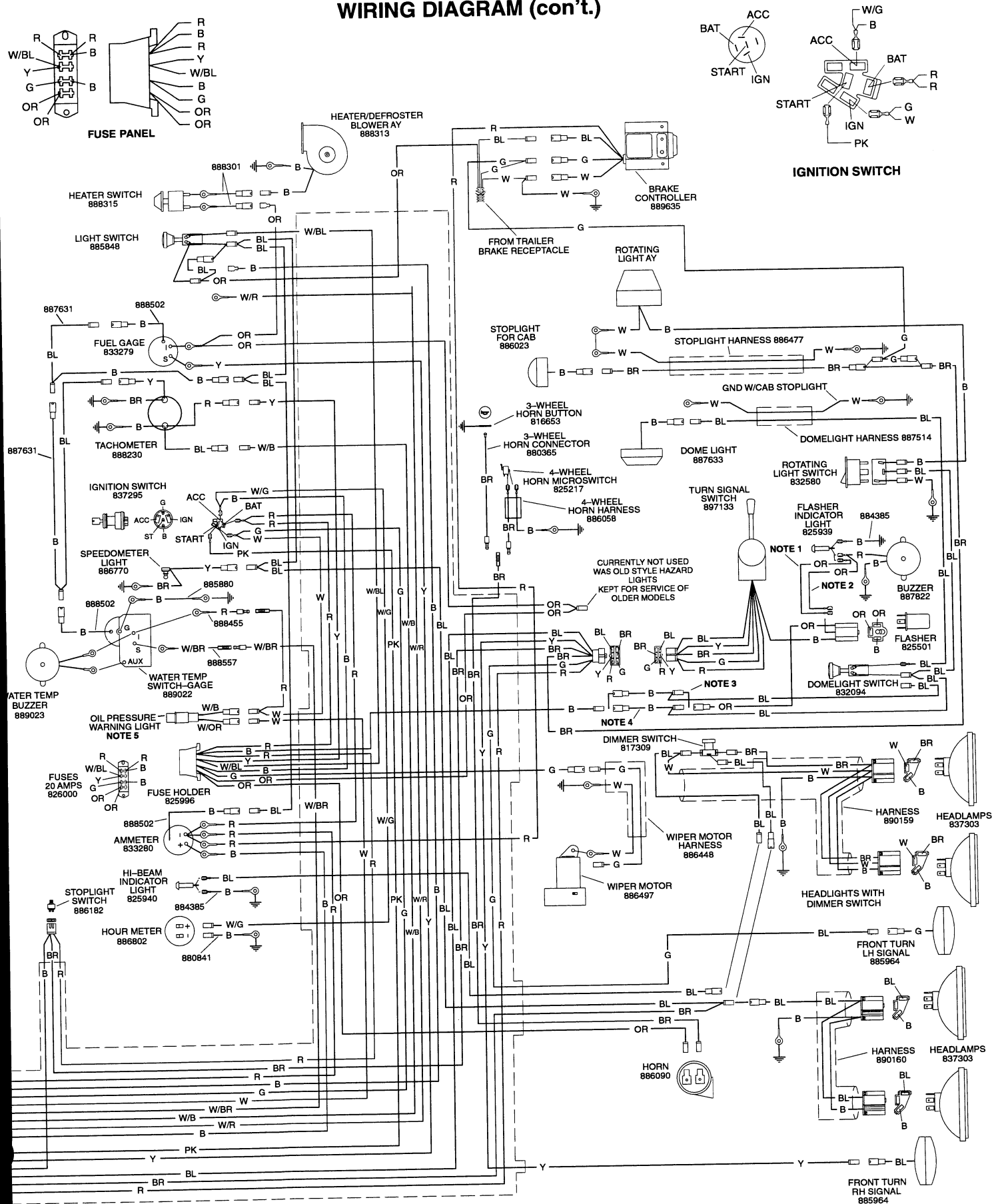
B - BLACK	W/B - WHITE W/BLACK STRIPE
BL - BLUE	W/BL - WHITE W/BLUE STRIPE
BR - BROWN	W/BR - WHITE W/BROWN STRIPE
G - GREEN	W/G - WHITE W/GREEN STRIPE
OR - ORANGE	W/R - WHITE W/RED STRIPE
PK - PINK	
R - RED	
W - WHITE	

NOTES:

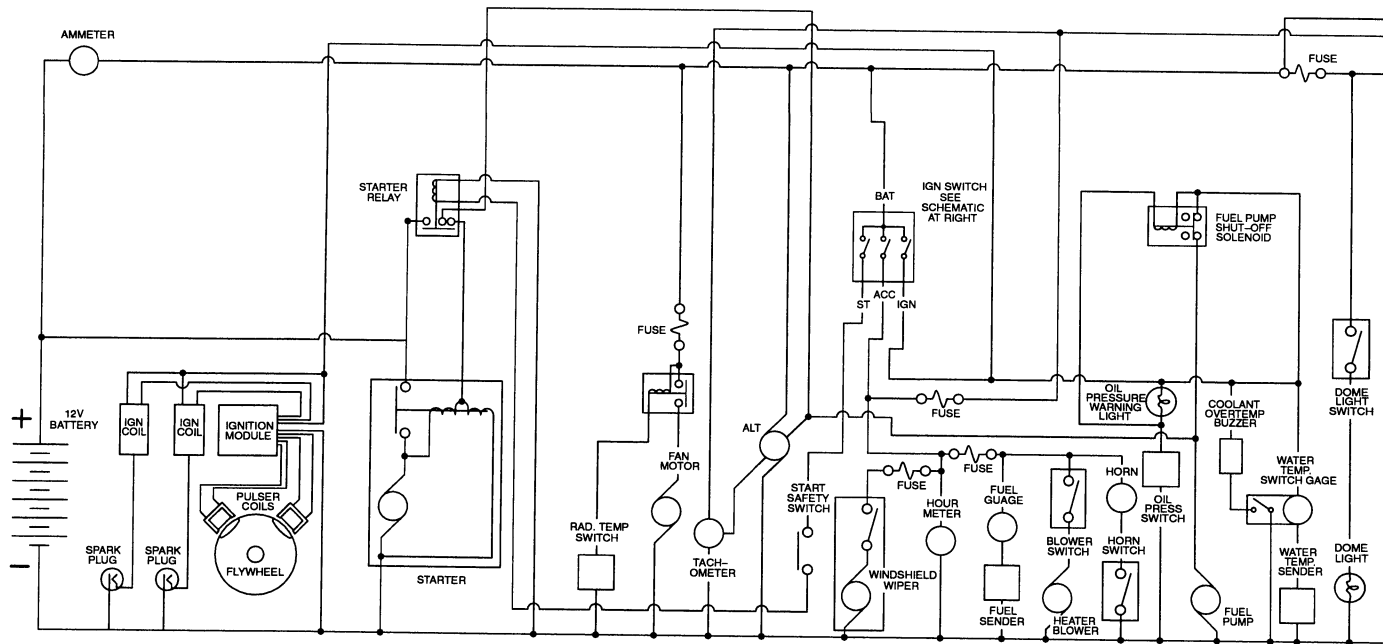
1. WIRE AY WITHOUT BUZZER - 887247
2. WIRE AY WITH BUZZER - 887822
3. DOMELIGHT HARNESS WITHOUT ROTATING LIGHT - 8876
4. DOME LIGHT HARNESS WITH ROTATING LIGHT - 888168
5. WARNING LIGHT PARTS - 828470 LENSE, 828471 GASKET, 828473 BULB and 885999 LIGHT ASSEMBLY



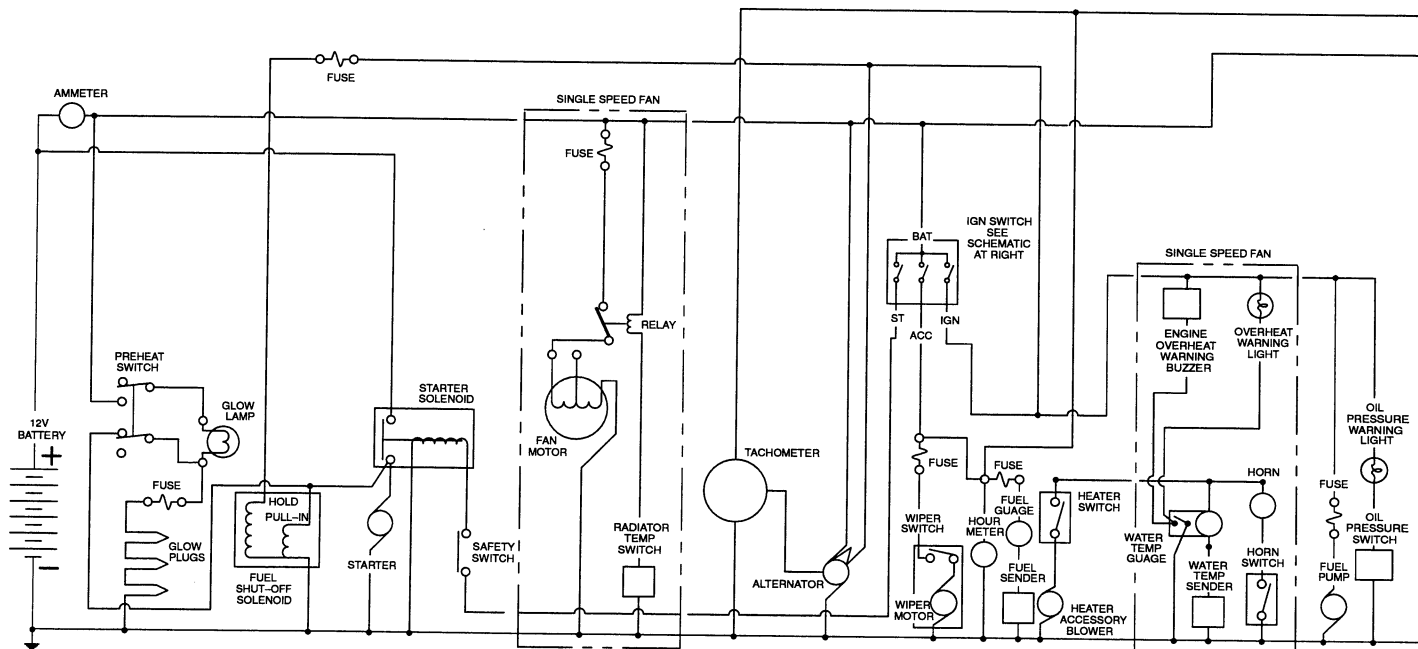
327 ENGINE WIRING DIAGRAM (con't.)



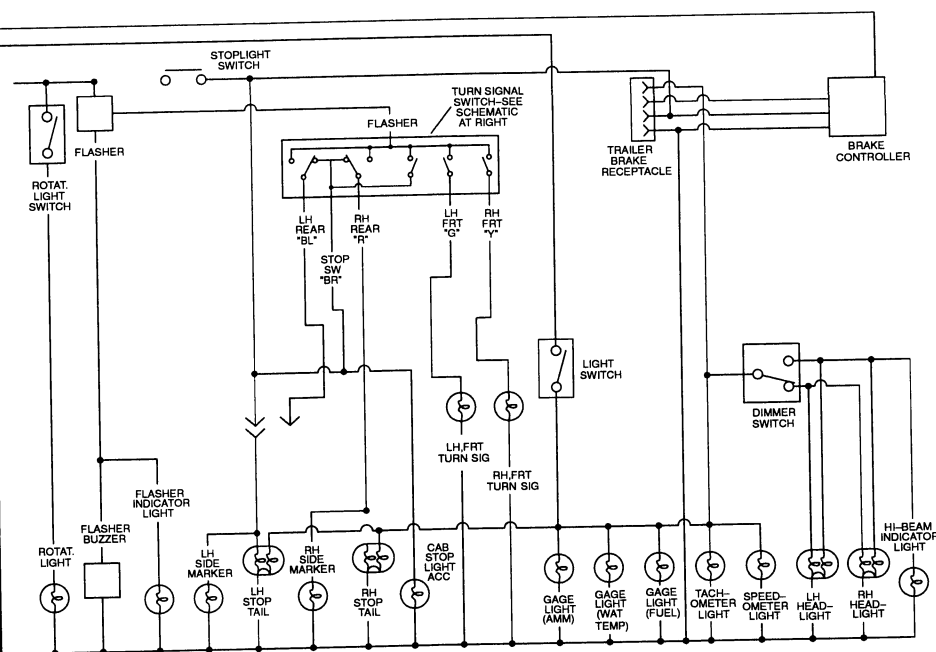
KAWASAKI WIRING SCHEMATIC



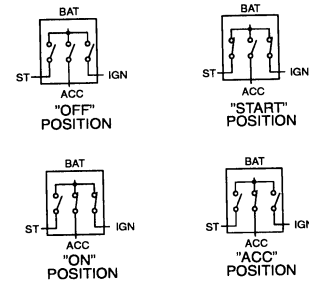
PERKINS DIESEL WIRING SCHEMATIC



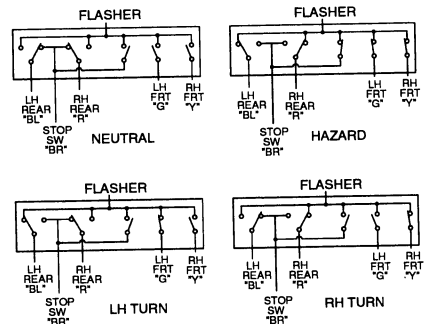
KAWASAKI WIRING SCHEMATIC (con't.)



IGNITION SWITCH SCHEMATIC

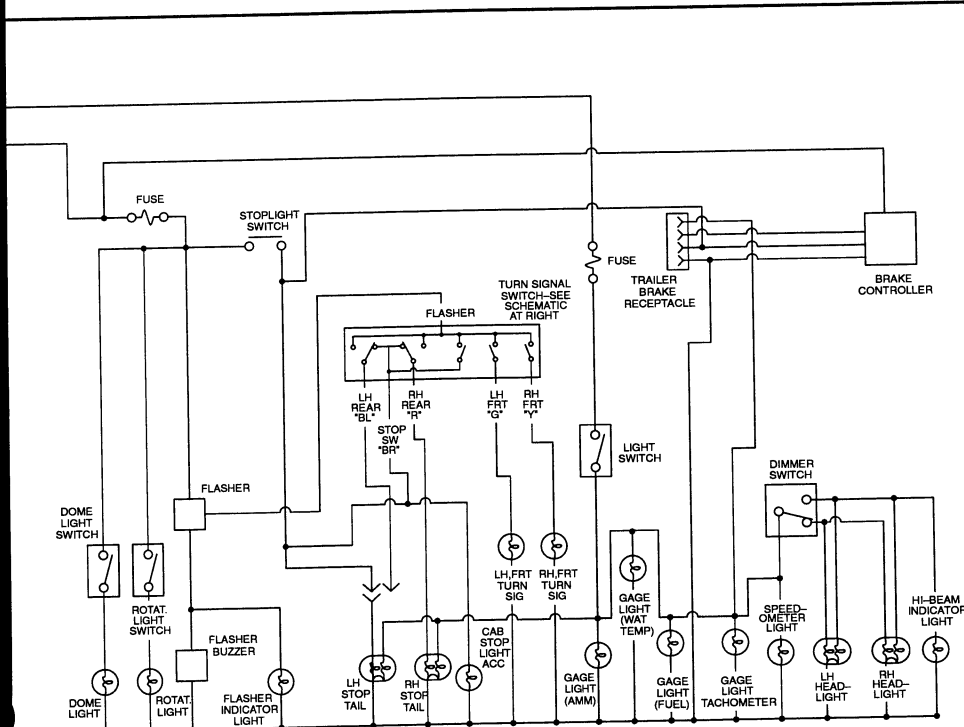


TURN SIGNAL SWITCH SCHEMATIC

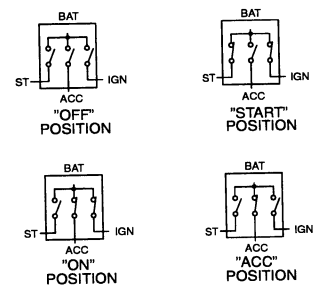


COLOR CODE:
 BL - BLUE
 BR - BROWN
 G - GREEN
 R - RED
 Y - YELLOW

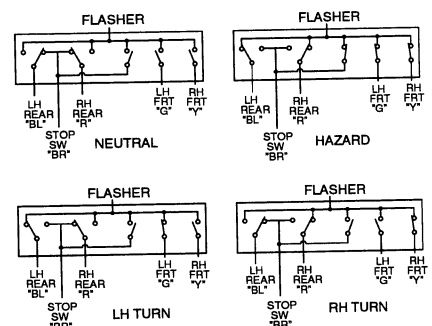
PERKINS DIESEL WIRING SCHEMATIC (con't.)



IGNITION SWITCH SCHEMATIC

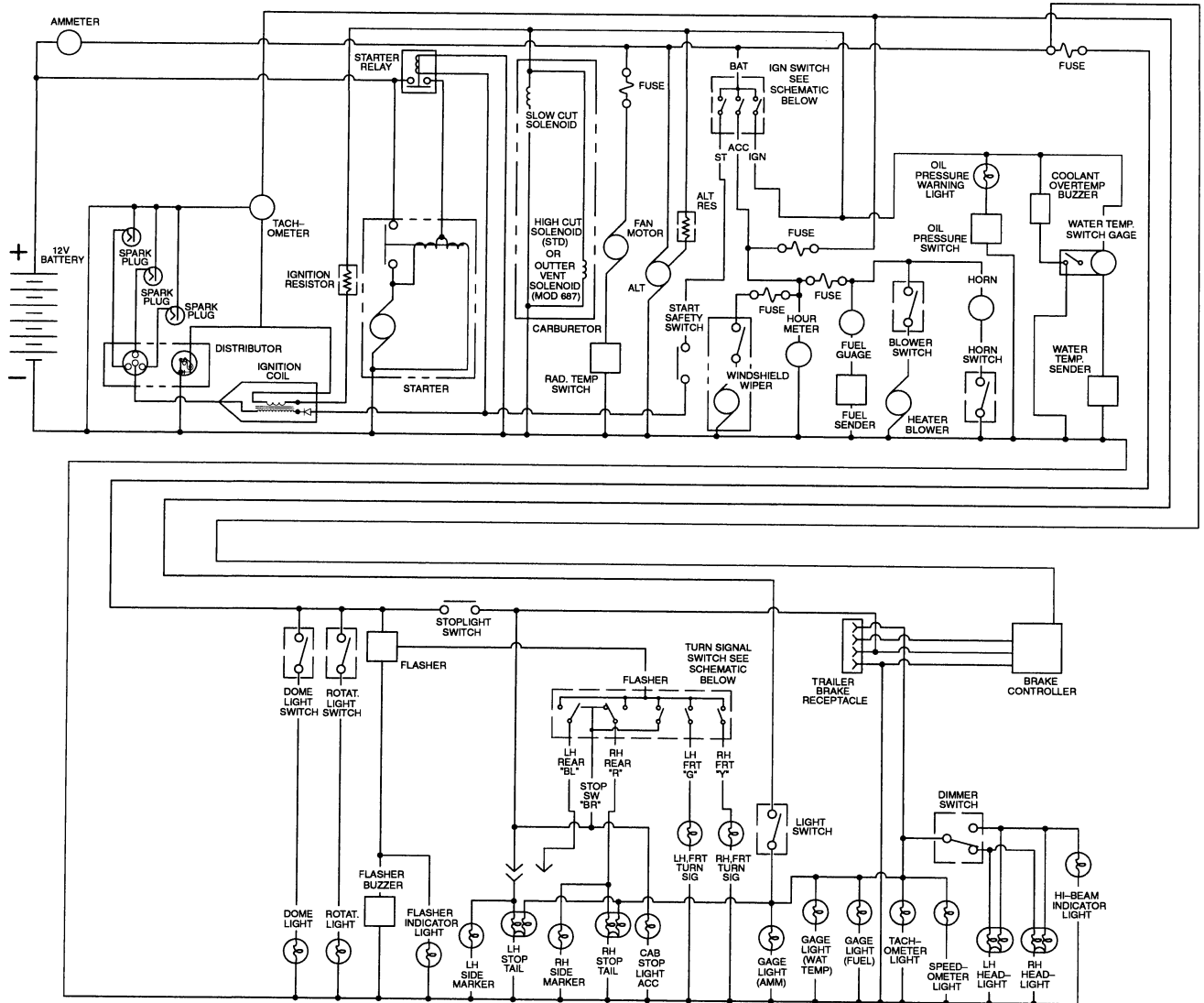


TURN SIGNAL SWITCH SCHEMATIC

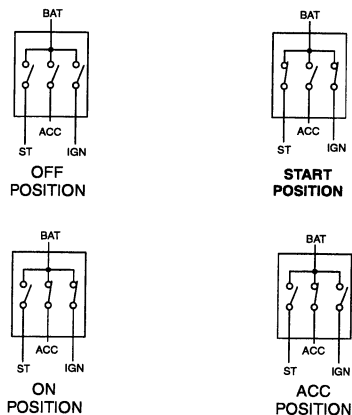


COLOR CODE:
 BL - BLUE
 BR - BROWN
 G - GREEN
 R - RED
 Y - YELLOW

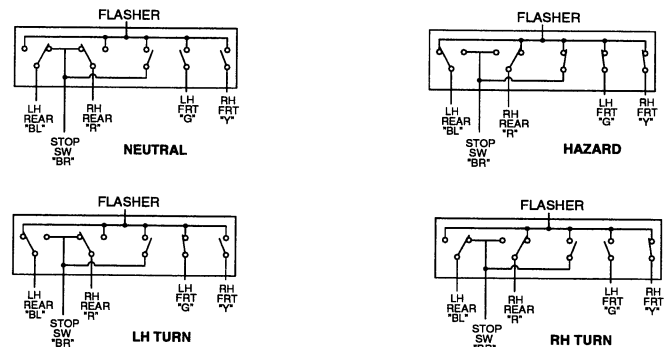
WIRING SCHEMATIC 327 **ENGINE** **MODELS** **898462C, 898465B, 898469B** **898630A, 898632B and 898635A**



IGNITION SWITCH SCHEMATIC



TURN SIGNAL SWITCH SCHEMATIC



COLOR CODE:
 BL - BLUE R - RED
 BR - BROWN Y - YELLOW
 G - GREEN

SERVICE

[illegible]



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